

NOBLESVILLE TRAFFIC IMPACT FEE
APPENDIX A
INTERSECTION TRAFFIC COUNTS

CITY OF NOBLESVILLE



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APPENDIX A – 24-HOUR ROADWAY SEGMENT TRAFFIC COUNTS

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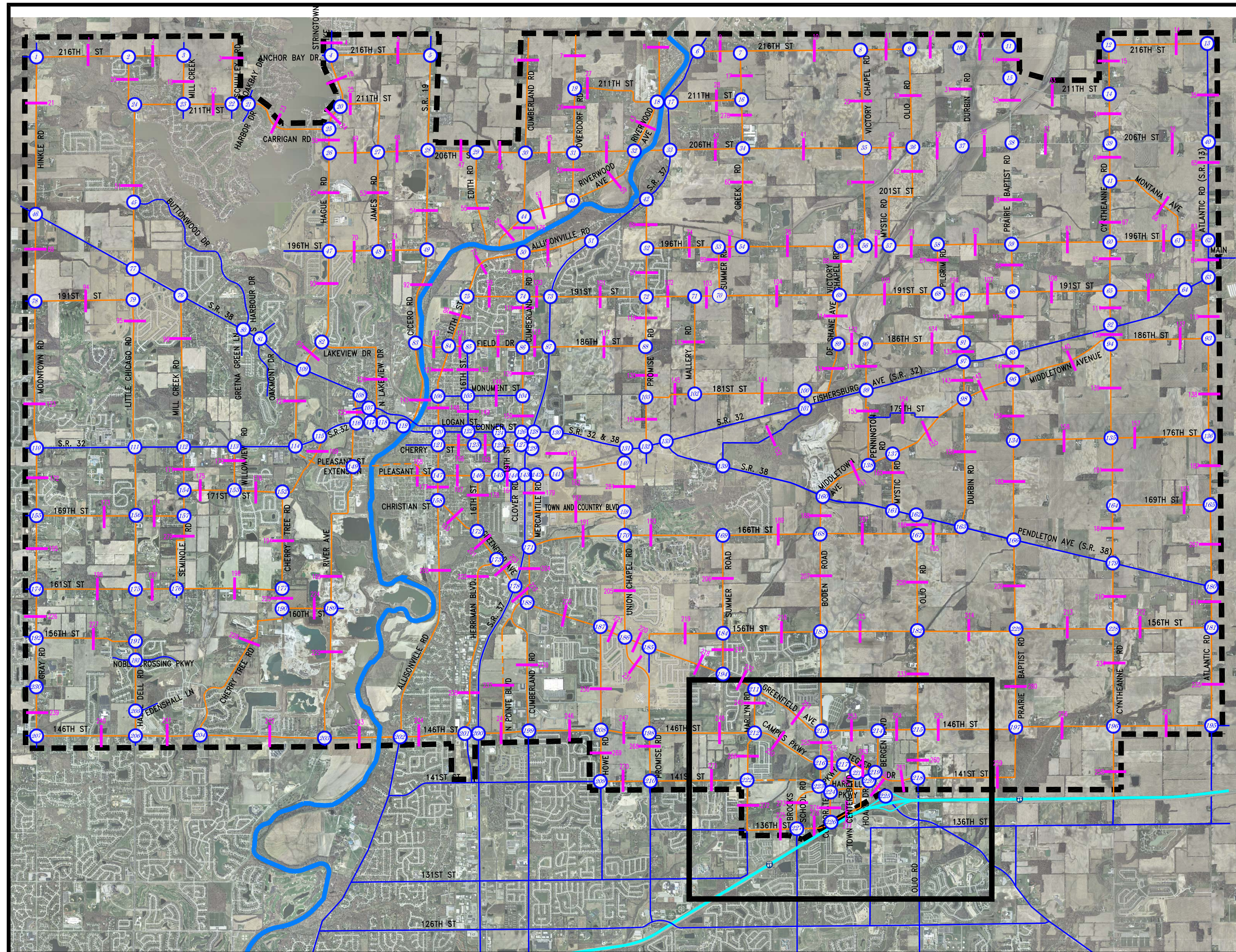
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LEGEND

- (SC) MANUAL COUNT LOCATIONS
- XX MACHINE COUNT LOCATIONS
- ROADWAY SEGMENTS INCLUDED IN STUDY
- ROADWAY SEGMENTS NOT INCLUDED IN STUDY
- ZONE IMPROVEMENT PLAN

Prepared By:



TRAFFIC IMPACT FEE ANALYSIS
NOBLESVILLE, INDIANA

FIGURE 1
 STUDY AREA ROADWAY NETWORK

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (1) 216th Street & Hinkle Road
 8/21/2018
 AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	5	3	8	16					2	18	27
SOUTHBOUND	5	8	4	17					7	5	1	13
EASTBOUND	0	18	1	19					3	223	2	228
WESTBOUND	35	112	1	148					15	39	6	60

PEAK HOUR FACTOR							
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION		APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.57					0.69
SOUTHBOUND	0.71	0.93				0.54	0.84
EASTBOUND	0.59					0.70	
WESTBOUND	0.84					0.88	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%	0.0%	25.0%	12.5%					0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	3	3	6	3	49	52	58
7:00 AM	TO	8:00 AM	16	17	33	19	148	167	200
8:00 AM	TO	9:00 AM	7	2	9	13	67	80	89
3:00 PM	TO	4:00 PM	20	17	37	72	38	110	147
4:00 PM	TO	5:00 PM	23	17	40	129	42	171	211
5:00 PM	TO	6:00 PM	47	13	60	228	60	288	348
6:00 PM	TO	7:00 PM	33	10	43	114	58	172	215
TOTAL VOLUME			149	79	228	578	462	1040	1268
PERCENTAGE			11.8%	6.2%	18.0%	45.6%	36.4%	82.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(1) 216th Street & Hinkle Road
8/21/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	2	1	3	2	1	3
7:00 AM - 8:00 AM	5	0	5	3	0	3	6	2	8	14	2	16
8:00 AM - 9:00 AM	1	0	1	3	0	3	3	0	3	7	0	7
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	7	0	7	9	4	13	16	4	20
4:00 PM - 5:00 PM	1	0	1	11	0	11	11	0	11	23	0	23
5:00 PM - 6:00 PM	2	0	2	18	0	18	27	0	27	47	0	47
6:00 PM - 7:00 PM	3	0	3	7	0	7	23	0	23	33	0	33
PASSENGER	12 100.0%			49 100.0%			81 92.0%			142 95.3%		
TRUCK	0 0.0%			0 0.0%			7 8.0%			7 4.7%		
BOTH	12 8.1%			49 32.9%			88 59.1%			149 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	2	0	2	0	0	0	3	0	3
7:00 AM - 8:00 AM	5	0	5	8	0	8	4	0	4	17	0	17
8:00 AM - 9:00 AM	0	0	0	2	0	2	0	0	0	2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	9	0	9	6	0	6	2	0	2	17	0	17
4:00 PM - 5:00 PM	5	0	5	8	0	8	4	0	4	17	0	17
5:00 PM - 6:00 PM	7	0	7	5	0	5	1	0	1	13	0	13
6:00 PM - 7:00 PM	7	0	7	2	0	2	1	0	1	10	0	10
PASSENGER	34 100.0%			33 100.0%			12 100.0%			79 100.0%		
TRUCK	0 0.0%			0 0.0%			0 0.0%			0 0.0%		
BOTH	34 43.0%			33 41.8%			12 15.2%			79 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	0	3	0	0	0	3	0	3
7:00 AM - 8:00 AM	0	0	0	18	0	18	1	0	1	19	0	19
8:00 AM - 9:00 AM	0	0	0	11	1	12	1	0	1	12	1	13
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	71	0	71	1	0	1	72	0	72
4:00 PM - 5:00 PM	7	0	7	120	0	120	2	0	2	129	0	129
5:00 PM - 6:00 PM	3	0	3	223	0	223	2	0	2	228	0	228
6:00 PM - 7:00 PM	3	0	3	110	0	110	1	0	1	114	0	114
PASSENGER	13 100.0%			556 99.8%			8 100.0%			577 99.8%		
TRUCK	0 0.0%			1 0.2%			0 0.0%			1 0.2%		
BOTH	13 2.2%			557 96.4%			8 1.4%			578 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	47	0	47	0	1	1	48	1	49
7:00 AM - 8:00 AM	35	0	35	112	0	112	1	0	1	148	0	148
8:00 AM - 9:00 AM	15	0	15	50	0	50	2	0	2	67	0	67
PM TIME PERIOD												
3:00 PM - 4:00 PM	10	0	10	23	0	23	5	0	5	38	0	38
4:00 PM - 5:00 PM	8	1	9	31	0	31	2	0	2	41	1	42
5:00 PM - 6:00 PM	15	0	15	39	0	39	6	0	6	60	0	60
6:00 PM - 7:00 PM	6	0	6	45	0	45	7	0	7	58	0	58
PASSENGER	90 98.9%			347 100.0%			23 95.8%			460 99.6%		
TRUCK	1 1.1%			0 0.0%			4 4.2%			2 0.4%		
BOTH	91 19.7%			347 75.1%			24 5.2%			462 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (2) 216th Street & Little Chicago Road
 8/21/2018
 BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	103		6	109					48		3
EASTBOUND		9	31	40						62	173	235
WESTBOUND	4	31		35					5	16		21

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.80				0.80
EASTBOUND	0.83	0.92			0.86	0.91
WESTBOUND	0.88				0.66	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	1.0%		16.7%	1.8%					4.2%		0.0%
EASTBOUND		0.0%	9.7%	7.5%						0.0%	1.7%	1.3%
WESTBOUND	25.0%	0.0%		2.9%					20.0%	0.0%		4.8%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	36		36	15	14	29	65
7:00 AM	TO	8:00 AM	109		109	40	35	75	184
8:00 AM	TO	9:00 AM	49		49	20	7	27	76
3:00 PM	TO	4:00 PM	44		44	92	19	111	155
4:00 PM	TO	5:00 PM	43		43	128	15	143	186
5:00 PM	TO	6:00 PM	48		48	237	21	258	306
6:00 PM	TO	7:00 PM	55		55	124	15	139	194
TOTAL VOLUME			384		384	656	126	782	1166
PERCENTAGE			32.9%		32.9%	56.3%	10.8%	67.1%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(2) 216th Street & Little Chicago Road
8/21/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	34	0	34				2	0	2	36	0	36
7:00 AM - 8:00 AM	102	1	103				5	1	6	107	2	109
8:00 AM - 9:00 AM	46	1	47				2	0	2	48	1	49
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	38	1	39				5	0	5	43	1	44
4:00 PM - 5:00 PM	39	1	40				3	0	3	42	1	43
5:00 PM - 6:00 PM	44	2	46				2	0	2	46	2	48
6:00 PM - 7:00 PM	50	0	50				5	0	5	55	0	55
PASSENGER	353 98.3%						24 96.0%			377 98.2%		
TRUCK	6 1.7%						1 4.0%			7 1.8%		
BOTH	359 93.5%						25 6.5%			384 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM				2	0	2	12	1	13	14	1	15
7:00 AM - 8:00 AM				9	0	9	28	3	31	37	3	40
8:00 AM - 9:00 AM				4	0	4	15	1	16	19	1	20
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM				28	0	28	58	6	64	86	6	92
4:00 PM - 5:00 PM				31	0	31	97	0	97	128	0	128
5:00 PM - 6:00 PM				61	1	62	172	3	175	233	4	237
6:00 PM - 7:00 PM				27	0	27	96	1	97	123	1	124
PASSENGER				162 99.4%			478 97.0%			640 97.6%		
TRUCK				1 0.6%			15 3.0%			16 2.4%		
BOTH				163 24.8%			493 75.2%			656 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	1	0	1	13	0	13				14	0	14
7:00 AM - 8:00 AM	3	1	4	31	0	31				34	1	35
8:00 AM - 9:00 AM	0	0	0	7	0	7				7	0	7
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	3	1	4	14	1	15				17	2	19
4:00 PM - 5:00 PM	1	0	1	14	0	14				15	0	15
5:00 PM - 6:00 PM	5	1	6	15	0	15				20	1	21
6:00 PM - 7:00 PM	2	0	2	13	0	13				15	0	15
PASSENGER	15 83.3%			107 99.1%						122 96.8%		
TRUCK	3 16.7%			1 0.9%						4 3.2%		
BOTH	18 14.3%			108 85.7%						126 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 216th Street & Mill Creek Road
 8/22/2018
 AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	10	36		46					13	40	
SOUTHBOUND		45	17	62						43	13	56
EASTBOUND	11		9	20					30		20	50

PEAK HOUR FACTOR							
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION		APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.68					0.74
SOUTHBOUND	0.70	0.86				0.70	0.90
EASTBOUND	0.71					0.78	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%	2.8%		2.2%					0.0%	0.0%	
SOUTHBOUND		6.7%	0.0%	4.8%						0.0%	0.0%	0.0%
EASTBOUND	9.1%		0.0%	5.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	19	22	41	8		8	49
7:00 AM	TO	8:00 AM	42	62	104	19		19	123
8:00 AM	TO	9:00 AM	25	19	44	8		8	52
3:00 PM	TO	4:00 PM	57	40	97	31		31	128
4:00 PM	TO	5:00 PM	52	50	102	41		41	143
5:00 PM	TO	6:00 PM	53	56	109	50		50	159
6:00 PM	TO	7:00 PM	44	43	87	36		36	123
TOTAL VOLUME			292	292	584	193		193	777
PERCENTAGE			37.6%	37.6%	75.2%	24.8%		24.8%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
216th Street & Mill Creek Road
8/22/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOURLY PERIOD	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	3	0	3	16	0	16				19	0	19
7:00 AM - 8:00 AM	11	1	12	29	1	30				40	2	42
8:00 AM - 9:00 AM	3	0	3	21	1	22				24	1	25
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	17	1	18	39	0	39				56	1	57
4:00 PM - 5:00 PM	9	0	9	43	0	43				52	0	52
5:00 PM - 6:00 PM	13	0	13	40	0	40				53	0	53
6:00 PM - 7:00 PM	13	0	13	31	0	31				44	0	44
PASSENGER	69 97.2%			219 99.1%						288 98.6%		
TRUCK	2 2.8%			2 0.9%						4 1.4%		
BOTH	71 24.3%			221 75.7%						292 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOURLY PERIOD	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM				16	1	17	5	0	5	21	1	22
7:00 AM - 8:00 AM				43	2	45	17	0	17	60	2	62
8:00 AM - 9:00 AM				13	1	14	5	0	5	18	1	19
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM				24	2	26	13	1	14	37	3	40
4:00 PM - 5:00 PM				38	0	38	12	0	12	50	0	50
5:00 PM - 6:00 PM				43	0	43	13	0	13	56	0	56
6:00 PM - 7:00 PM				39	0	39	4	0	4	43	0	43
PASSENGER				216 97.3%			69 98.6%			285 97.6%		
TRUCK				6 2.7%			1 1.4%			7 2.4%		
BOTH				222 76.0%			70 24.0%			292 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOURLY PERIOD	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	6	0	6				2	0	2	8	0	8
7:00 AM - 8:00 AM	8	1	9				10	0	10	18	1	19
8:00 AM - 9:00 AM	7	0	7				1	0	1	8	0	8
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	15	0	15				14	2	16	29	2	31
4:00 PM - 5:00 PM	24	0	24				17	0	17	41	0	41
5:00 PM - 6:00 PM	30	0	30				20	0	20	50	0	50
6:00 PM - 7:00 PM	25	0	25				11	0	11	36	0	36
PASSENGER	115 99.1%						75 97.4%			190 98.4%		
TRUCK	1 0.9%						2 2.6%			3 1.6%		
BOTH	116 60.1%						77 39.9%			193 100.0%		

216TH & HAGUE RD - TMC

Wed Aug 22, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555924, Location: 40.10169, -86.033183, Site Code: I-4

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-22																					
3:00PM	1	27	4	0	32	0	21	1	0	22	0	1	1	0	2	8	0	4	0	12	68
3:15PM	3	26	2	0	31	2	23	0	0	25	0	1	2	0	3	4	4	5	0	13	72
3:30PM	4	39	3	0	46	5	25	0	0	30	0	2	1	0	3	4	1	6	0	11	90
3:45PM	4	28	2	0	34	4	18	0	0	22	0	1	2	0	3	7	2	8	0	17	76
Hourly Total	12	120	11	0	143	11	87	1	0	99	0	5	6	0	11	23	7	23	0	53	306
4:00PM	3	24	3	0	30	6	14	0	0	20	1	1	3	0	5	4	1	7	0	12	67
4:15PM	2	50	4	0	56	4	20	0	0	24	1	1	1	0	3	7	2	9	0	18	101
4:30PM	4	45	8	0	57	10	26	1	0	37	2	1	2	0	5	6	3	12	0	21	120
4:45PM	3	50	9	0	62	4	22	0	0	26	0	3	1	0	4	6	2	11	0	19	111
Hourly Total	12	169	24	0	205	24	82	1	0	107	4	6	7	0	17	23	8	39	0	70	399
5:00PM	1	42	9	1	53	11	23	0	0	34	0	0	3	0	3	10	4	14	0	28	118
5:15PM	4	65	7	0	76	8	23	2	0	33	0	0	2	0	2	7	1	15	0	23	134
5:30PM	2	49	9	0	60	3	41	2	0	46	0	3	2	0	5	8	2	9	0	19	130
5:45PM	6	44	9	0	59	3	25	1	0	29	1	0	5	0	6	4	5	8	0	17	111
Hourly Total	13	200	34	1	248	25	112	5	0	142	1	3	12	0	16	29	12	46	0	87	493
6:00PM	4	35	8	0	47	4	19	0	0	23	0	1	2	0	3	7	2	12	0	21	94
6:15PM	2	35	5	0	42	8	28	0	0	36	0	3	5	0	8	6	1	11	0	18	104
6:30PM	3	36	6	0	45	6	11	0	0	17	0	1	2	0	3	8	2	6	0	16	81
6:45PM	3	41	7	0	51	4	23	0	0	27	0	0	2	0	2	5	0	8	0	13	93
Hourly Total	12	147	26	0	185	22	81	0	0	103	0	5	11	0	16	26	5	37	0	68	372
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-23																					
6:30AM	1	6	4	0	11	6	26	0	0	32	0	2	3	0	5	2	0	0	0	2	50
6:45AM	2	9	3	0	14	7	36	0	0	43	0	2	6	0	8	3	1	1	0	5	70
Hourly Total	3	15	7	0	25	13	62	0	0	75	0	4	9	0	13	5	1	1	0	7	120
7:00AM	2	9	6	0	17	9	21	0	0	30	1	4	6	0	11	6	0	2	0	8	66
7:15AM	1	12	6	0	19	6	26	0	0	32	0	0	4	0	4	6	0	2	0	8	63
7:30AM	1	5	4	0	10	16	33	0	0	49	0	2	1	0	3	8	2	0	0	10	72
7:45AM	0	9	4	0	13	11	28	0	0	39	0	1	3	0	4	3	0	1	0	4	60
Hourly Total	4	35	20	0	59	42	108	0	0	150	1	7	14	0	22	23	2	5	0	30	261
8:00AM	1	13	5	0	19	8	20	0	0	28	0	4	1	0	5	8	0	5	0	13	65
8:15AM	0	11	7	0	18	6	32	0	0	38	0	0	2	0	2	4	0	2	0	6	64
Hourly Total	1	24	12	0	37	14	52	0	0	66	0	4	3	0	7	12	0	7	0	19	129
Total	57	710	134	1	902	151	584	7	0	742	6	34	62	0	102	141	35	158	0	334	2080
% Approach	6.3%	78.7%	14.9%	0.1%	-	20.4%	78.7%	0.9%	0%	-	5.9%	33.3%	60.8%	0%	-	42.2%	10.5%	47.3%	0%	-	-
% Total	2.7%	34.1%	6.4%	0%	43.4%	7.3%	28.1%	0.3%	0%	35.7%	0.3%	1.6%	3.0%	0%	4.9%	6.8%	1.7%	7.6%	0%	16.1%	-
Lights and Motorcycles	53	701	132	1	887	148	576	7	0	731	6	32	59	0	97	140	34	157	0	331	2046
% Lights and Motorcycles	93.0%	98.7%	98.5%	100%	98.3%	98.0%	98.6%	100%	0%	98.5%	100%	94.1%	95.2%	0%	95.1%	99.3%	97.1%	99.4%	0%	99.1%	98.4%
Heavy	4	9	2	0	15	3	8	0	0	11	0	2	3	0	5	1	1	1	0	3	34
% Heavy	7.0%	1.3%	1.5%	0%	1.7%	2.0%	1.4%	0%	0%	1.5%	0%	5.9%	4.8%	0%	4.9%	0.7%	2.9%	0.6%	0%	0.9%	1.6%

*L: Left, R: Right, T: Thru, U: U-Turn

216TH & HAGUERD - TMC

Thu Aug 23, 2018

AM Peak (Aug 23 2018 6:45AM - 7:45AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555924, Location: 40.10169, -86.033183, Site Code: I-4

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-08-23 6:45AM	2	9	3	0	14	7	36	0	0	43	0	2	6	0	8	3	1	1	0	5	70
7:00AM	2	9	6	0	17	9	21	0	0	30	1	4	6	0	11	6	0	2	0	8	66
7:15AM	1	12	6	0	19	6	26	0	0	32	0	0	4	0	4	6	0	2	0	8	63
7:30AM	1	5	4	0	10	16	33	0	0	49	0	2	1	0	3	8	2	0	0	10	72
Total	6	35	19	0	60	38	116	0	0	154	1	8	17	0	26	23	3	5	0	31	271
% Approach	10.0%	58.3%	31.7%	0%	-	24.7%	75.3%	0%	0%	-	3.8%	30.8%	65.4%	0%	-	74.2%	9.7%	16.1%	0%	-	-
% Total	2.2%	12.9%	7.0%	0%	22.1%	14.0%	42.8%	0%	0%	56.8%	0.4%	3.0%	6.3%	0%	9.6%	8.5%	1.1%	1.8%	0%	11.4%	-
PHF	0.750	0.729	0.792	-	0.789	0.594	0.806	-	-	0.786	0.250	0.500	0.708	-	0.591	0.719	0.375	0.625	-	0.775	0.941
Lights and Motorcycles	5	35	19	0	59	38	116	0	0	154	1	8	15	0	24	22	3	5	0	30	267
% Lights and Motorcycles	83.3%	100%	100%	0%	98.3%	100%	100%	0%	0%	100%	100%	100%	88.2%	0%	92.3%	95.7%	100%	100%	0%	96.8%	98.5%
Heavy	1	0	0	0	1	0	0	0	0	0	0	0	2	0	2	1	0	0	0	1	4
% Heavy	16.7%	0%	0%	0%	1.7%	0%	0%	0%	0%	0%	0%	0%	11.8%	0%	7.7%	4.3%	0%	0%	0%	3.2%	1.5%

*L: Left, R: Right, T: Thru, U: U-Turn

216TH & HAGUERD - TMC

Wed Aug 22, 2018

PM Peak (Aug 22 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555924, Location: 40.10169, -86.033183, Site Code: I-4

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-08-22 4:45PM	3	50	9	0	62	4	22	0	0	26	0	3	1	0	4	6	2	11	0	19	111
5:00PM	1	42	9	1	53	11	23	0	0	34	0	0	3	0	3	10	4	14	0	28	118
5:15PM	4	65	7	0	76	8	23	2	0	33	0	0	2	0	2	7	1	15	0	23	134
5:30PM	2	49	9	0	60	3	41	2	0	46	0	3	2	0	5	8	2	9	0	19	130
Total	10	206	34	1	251	26	109	4	0	139	0	6	8	0	14	31	9	49	0	89	493
% Approach	4.0%	82.1%	13.5%	0.4%	-	18.7%	78.4%	2.9%	0%	-	0%	42.9%	57.1%	0%	-	34.8%	10.1%	55.1%	0%	-	-
% Total	2.0%	41.8%	6.9%	0.2%	50.9%	5.3%	22.1%	0.8%	0%	28.2%	0%	1.2%	1.6%	0%	2.8%	6.3%	1.8%	9.9%	0%	18.1%	-
PHF	0.625	0.792	0.944	0.250	0.826	0.591	0.665	0.500	-	0.755	-	0.500	0.667	-	0.700	0.775	0.563	0.817	-	0.795	0.920
Lights and Motorcycles	10	204	34	1	249	26	108	4	0	138	0	6	8	0	14	31	9	48	0	88	489
% Lights and Motorcycles	100%	99.0%	100%	100%	99.2%	100%	99.1%	100%	0%	99.3%	0%	100%	100%	0%	100%	100%	100%	98.0%	0%	98.9%	99.2%
Heavy	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	1	0	1	4
% Heavy	0%	1.0%	0%	0%	0.8%	0%	0.9%	0%	0%	0.7%	0%	0%	0%	0%	0%	0%	0%	2.0%	0%	1.1%	0.8%

*L: Left, R: Right, T: Thru, U: U-Turn

216TH ST & HWY 19 - TMC

Wed Aug 22, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555926, Location: 40.102152, -86.013871, Site Code: I-5

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-22 3:00PM	9	77	0	86	73	7	0	80	4	4	0	8	174
3:15PM	8	70	0	78	65	7	0	72	5	4	0	9	159
3:30PM	17	93	0	110	73	7	1	81	6	8	0	14	205
3:45PM	12	93	0	105	67	9	0	76	4	4	0	8	189
Hourly Total	46	333	0	379	278	30	1	309	19	20	0	39	727
4:00PM	8	103	0	111	62	7	0	69	6	12	0	18	198
4:15PM	15	103	0	118	70	11	0	81	4	6	0	10	209
4:30PM	20	126	0	146	70	9	0	79	6	16	0	22	247
4:45PM	19	117	0	136	72	10	0	82	13	9	0	22	240
Hourly Total	62	449	0	511	274	37	0	311	29	43	0	72	894
5:00PM	15	111	0	126	65	7	0	72	10	10	0	20	218
5:15PM	19	117	0	136	79	13	0	92	9	11	0	20	248
5:30PM	15	108	0	123	72	10	0	82	10	6	0	16	221
5:45PM	16	93	0	109	64	8	0	72	12	4	0	16	197
Hourly Total	65	429	0	494	280	38	0	318	41	31	0	72	884
6:00PM	11	74	0	85	64	11	0	75	7	8	0	15	175
6:15PM	19	90	0	109	55	8	0	63	4	8	0	12	184
6:30PM	11	69	0	80	54	7	0	61	5	10	0	15	156
6:45PM	8	58	0	66	53	6	0	59	7	7	0	14	139
Hourly Total	49	291	0	340	226	32	0	258	23	33	0	56	654
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-23 6:30AM	4	16	0	20	84	4	0	88	9	14	0	23	131
6:45AM	4	42	0	46	87	4	0	91	11	16	0	27	164
Hourly Total	8	58	0	66	171	8	0	179	20	30	0	50	295
7:00AM	3	54	0	57	85	6	0	91	14	21	0	35	183
7:15AM	3	43	0	46	119	4	0	123	12	9	0	21	190
7:30AM	2	56	0	58	166	9	0	175	6	23	0	29	262
7:45AM	7	37	0	44	126	6	0	132	6	20	0	26	202
Hourly Total	15	190	0	205	496	25	0	521	38	73	0	111	837
8:00AM	1	33	0	34	70	6	0	76	6	12	0	18	128
8:15AM	3	41	0	44	83	4	0	87	5	10	0	15	146
Hourly Total	4	74	0	78	153	10	0	163	11	22	0	33	274
Total	249	1824	0	2073	1878	180	1	2059	181	252	0	433	4565
% Approach	12.0%	88.0%	0%	-	91.2%	8.7%	0%	-	41.8%	58.2%	0%	-	-
% Total	5.5%	40.0%	0%	45.4%	41.1%	3.9%	0%	45.1%	4.0%	5.5%	0%	9.5%	-
Lights and Motorcycles	247	1791	0	2038	1841	176	1	2018	178	248	0	426	4482
% Lights and Motorcycles	99.2%	98.2%	0%	98.3%	98.0%	97.8%	100%	98.0%	98.3%	98.4%	0%	98.4%	98.2%
Heavy	2	33	0	35	37	4	0	41	3	4	0	7	83
% Heavy	0.8%	1.8%	0%	1.7%	2.0%	2.2%	0%	2.0%	1.7%	1.6%	0%	1.6%	1.8%

*L: Left, R: Right, T: Thru, U: U-Turn

216TH ST & HWY 19 - TMC

Thu Aug 23, 2018

AM Peak (Aug 23 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555926, Location: 40.102152, -86.013871, Site Code: I-5

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-23 7:00AM	3	54	0	57	85	6	0	91	14	21	0	35	183
7:15AM	3	43	0	46	119	4	0	123	12	9	0	21	190
7:30AM	2	56	0	58	166	9	0	175	6	23	0	29	262
7:45AM	7	37	0	44	126	6	0	132	6	20	0	26	202
Total	15	190	0	205	496	25	0	521	38	73	0	111	837
% Approach	7.3%	92.7%	0%	-	95.2%	4.8%	0%	-	34.2%	65.8%	0%	-	-
% Total	1.8%	22.7%	0%	24.5%	59.3%	3.0%	0%	62.2%	4.5%	8.7%	0%	13.3%	-
PHF	0.536	0.848	-	0.884	0.747	0.694	-	0.744	0.679	0.793	-	0.793	0.799
Lights and Motorcycles	15	178	0	193	486	23	0	509	37	73	0	110	812
% Lights and Motorcycles	100%	93.7%	0%	94.1%	98.0%	92.0%	0%	97.7%	97.4%	100%	0%	99.1%	97.0%
Heavy	0	12	0	12	10	2	0	12	1	0	0	1	25
% Heavy	0%	6.3%	0%	5.9%	2.0%	8.0%	0%	2.3%	2.6%	0%	0%	0.9%	3.0%

*L: Left, R: Right, T: Thru, U: U-Turn

216TH ST & HWY 19 - TMC

Wed Aug 22, 2018

PM Peak (Aug 22 2018 4:30PM - 5:30PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555926, Location: 40.102152, -86.013871, Site Code: I-5

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-22 4:30PM	20	126	0	146	70	9	0	79	6	16	0	22	247
4:45PM	19	117	0	136	72	10	0	82	13	9	0	22	240
5:00PM	15	111	0	126	65	7	0	72	10	10	0	20	218
5:15PM	19	117	0	136	79	13	0	92	9	11	0	20	248
Total	73	471	0	544	286	39	0	325	38	46	0	84	953
% Approach	13.4%	86.6%	0%	-	88.0%	12.0%	0%	-	45.2%	54.8%	0%	-	-
% Total	7.7%	49.4%	0%	57.1%	30.0%	4.1%	0%	34.1%	4.0%	4.8%	0%	8.8%	-
PHF	0.913	0.935	-	0.932	0.905	0.750	-	0.883	0.731	0.719	-	0.955	0.961
Lights and Motorcycles	72	466	0	538	282	39	0	321	38	45	0	83	942
% Lights and Motorcycles	98.6%	98.9%	0%	98.9%	98.6%	100%	0%	98.8%	100%	97.8%	0%	98.8%	98.8%
Heavy	1	5	0	6	4	0	0	4	0	1	0	1	11
% Heavy	1.4%	1.1%	0%	1.1%	1.4%	0%	0%	1.2%	0%	2.2%	0%	1.2%	1.2%

* L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 216TH ST - TMC

Wed Nov 7, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641185, Location: 40.102481, -85.962217, Site Code: i-6



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-07																					
3:00PM	0	96	2	1	99	2	74	0	0	76	0	0	2	0	2	4	0	0	0	4	181
3:15PM	2	117	3	0	122	2	65	0	0	67	0	0	0	0	0	3	0	2	0	5	194
3:30PM	0	122	2	0	124	3	83	0	0	86	0	0	0	0	0	5	0	4	0	9	219
3:45PM	0	122	6	0	128	0	78	1	0	79	0	0	1	0	1	2	0	1	0	3	211
Hourly Total	2	457	13	1	473	7	300	1	0	308	0	0	3	0	3	14	0	7	0	21	805
4:00PM	1	155	5	0	161	1	68	0	0	69	0	0	0	0	0	0	0	2	0	2	232
4:15PM	0	130	2	0	132	1	75	1	0	77	0	0	2	0	2	3	0	2	0	5	216
4:30PM	0	140	2	0	142	2	83	0	0	85	0	0	1	0	1	2	0	2	0	4	232
4:45PM	0	141	3	0	144	4	73	0	0	77	0	0	3	0	3	5	0	8	0	13	237
Hourly Total	1	566	12	0	579	8	299	1	0	308	0	0	6	0	6	10	0	14	0	24	917
5:00PM	0	141	2	0	143	4	104	0	0	108	0	0	0	0	0	4	0	2	0	6	257
5:15PM	0	159	1	0	160	0	86	0	0	86	0	0	0	0	0	8	0	6	0	14	260
5:30PM	0	128	2	0	130	0	109	0	0	109	0	0	1	0	1	6	0	4	0	10	250
5:45PM	0	124	5	0	129	1	79	0	0	80	0	0	0	0	0	4	0	1	0	5	214
Hourly Total	0	552	10	0	562	5	378	0	0	383	0	0	1	0	1	22	0	13	0	35	981
6:00PM	0	94	0	0	94	3	79	0	0	82	0	0	0	0	0	1	0	2	0	3	179
6:15PM	0	97	2	0	99	2	62	0	0	64	0	0	1	0	1	3	0	1	0	4	168
6:30PM	1	95	0	0	96	4	54	0	0	58	0	0	0	0	0	2	0	1	0	3	157
6:45PM	0	75	3	0	78	1	37	0	0	38	0	0	0	0	0	0	0	0	0	0	116
Hourly Total	1	361	5	0	367	10	232	0	0	242	0	0	1	0	1	6	0	4	0	10	620
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-11-08																					
6:30AM	0	43	4	0	47	0	152	0	0	152	0	0	0	0	0	3	0	1	0	4	203
6:45AM	0	58	1	0	59	3	104	0	0	107	0	0	0	0	0	2	0	6	0	8	174
Hourly Total	0	101	5	0	106	3	256	0	0	259	0	0	0	0	0	5	0	7	0	12	377
7:00AM	0	59	0	0	59	0	126	0	0	126	0	0	2	0	2	1	0	2	0	3	190
7:15AM	0	94	0	0	94	0	121	0	0	121	0	0	0	0	0	2	0	6	0	8	223
7:30AM	0	79	0	0	79	0	123	0	0	123	0	0	0	0	0	0	0	1	0	1	203
7:45AM	0	68	2	0	70	1	118	0	0	119	0	0	0	0	0	2	0	2	0	4	193
Hourly Total	0	300	2	0	302	1	488	0	0	489	0	0	2	0	2	5	0	11	0	16	809
8:00AM	0	67	2	0	69	2	94	0	0	96	0	0	0	0	0	0	0	1	0	1	166
8:15AM	0	85	2	0	87	0	90	0	0	90	0	0	1	0	1	1	0	1	0	2	180
Hourly Total	0	152	4	0	156	2	184	0	0	186	0	0	1	0	1	1	0	2	0	3	346
Total	4	2489	51	1	2545	36	2137	2	0	2175	0	0	14	0	14	63	0	58	0	121	4855
% Approach	0.2%	97.8%	2.0%	0%	-	1.7%	98.3%	0.1%	0%	-	0%	0%	100%	0%	-	52.1%	0%	47.9%	0%	-	-
% Total	0.1%	51.3%	1.1%	0%	52.4%	0.7%	44.0%	0%	0%	44.8%	0%	0%	0.3%	0%	0.3%	1.3%	0%	1.2%	0%	2.5%	-
Lights and Motorcycles	4	2343	47	1	2395	29	2039	2	0	2070	0	0	14	0	14	61	0	54	0	115	4594
% Lights and Motorcycles	100%	94.1%	92.2%	100%	94.1%	80.6%	95.4%	100%	0%	95.2%	0%	0%	100%	0%	100%	96.8%	0%	93.1%	0%	95.0%	94.6%
Heavy	0	146	4	0	150	7	98	0	0	105	0	0	0	0	0	2	0	4	0	6	261
% Heavy	0%	5.9%	7.8%	0%	5.9%	19.4%	4.6%	0%	0%	4.8%	0%	0%	0%	0%	0%	3.2%	0%	6.9%	0%	5.0%	5.4%

* L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 216TH ST - TMC

Thu Nov 8, 2018

AM Peak (Nov 08 2018 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641185, Location: 40.102481, -85.962217, Site Code: i-6



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-08 7:00AM	0	59	0	0	59	0	126	0	0	126	0	0	2	0	2	1	0	2	0	3	190
7:15AM	0	94	0	0	94	0	121	0	0	121	0	0	0	0	0	2	0	6	0	8	223
7:30AM	0	79	0	0	79	0	123	0	0	123	0	0	0	0	0	0	0	1	0	1	203
7:45AM	0	68	2	0	70	1	118	0	0	119	0	0	0	0	0	2	0	2	0	4	193
Total	0	300	2	0	302	1	488	0	0	489	0	0	2	0	2	5	0	11	0	16	809
% Approach	0%	99.3%	0.7%	0%	-	0.2%	99.8%	0%	0%	-	0%	0%	100%	0%	-	31.3%	0%	68.8%	0%	-	-
% Total	0%	37.1%	0.2%	0%	37.3%	0.1%	60.3%	0%	0%	60.4%	0%	0%	0.2%	0%	0.2%	0.6%	0%	1.4%	0%	2.0%	-
PHF	-	0.798	0.250	-	0.803	0.250	0.968	-	-	0.970	-	-	0.250	-	0.250	0.625	-	0.458	-	0.500	0.907
Lights and Motorcycles	0	276	2	0	278	1	467	0	0	468	0	0	2	0	2	5	0	10	0	15	763
% Lights and Motorcycles	0%	92.0%	100%	0%	92.1%	100%	95.7%	0%	0%	95.7%	0%	0%	100%	0%	100%	100%	0%	90.9%	0%	93.8%	94.3%
Heavy	0	24	0	0	24	0	21	0	0	21	0	0	0	0	0	0	0	1	0	1	46
% Heavy	0%	8.0%	0%	0%	7.9%	0%	4.3%	0%	0%	4.3%	0%	0%	0%	0%	0%	0%	0%	9.1%	0%	6.3%	5.7%

*L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 216TH ST - TMC

Wed Nov 7, 2018

PM Peak (Nov 07 2018 4:45PM - 5:45 PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641185, Location: 40.102481, -85.962217, Site Code: i-6



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-07 4:45PM	0	141	3	0	144	4	73	0	0	77	0	0	3	0	3	5	0	8	0	13	237
5:00PM	0	141	2	0	143	4	104	0	0	108	0	0	0	0	0	4	0	2	0	6	257
5:15PM	0	159	1	0	160	0	86	0	0	86	0	0	0	0	0	8	0	6	0	14	260
5:30PM	0	128	2	0	130	0	109	0	0	109	0	0	1	0	1	6	0	4	0	10	250
Total	0	569	8	0	577	8	372	0	0	380	0	0	4	0	4	23	0	20	0	43	1004
% Approach	0%	98.6%	1.4%	0%	-	2.1%	97.9%	0%	0%	-	0%	0%	100%	0%	-	53.5%	0%	46.5%	0%	-	-
% Total	0%	56.7%	0.8%	0%	57.5%	0.8%	37.1%	0%	0%	37.8%	0%	0%	0.4%	0%	0.4%	2.3%	0%	2.0%	0%	4.3%	-
PHF	-	0.895	0.667	-	0.902	0.500	0.853	-	-	0.872	-	-0.333	-	0.333	0.719	-	0.625	-	0.768	0.965	
Lights and Motorcycles	0	550	8	0	558	7	362	0	0	369	0	0	4	0	4	23	0	19	0	42	973
% Lights and Motorcycles	0%	96.7%	100%	0%	96.7%	87.5%	97.3%	0%	0%	97.1%	0%	0%	100%	0%	100%	100%	0%	95.0%	0%	97.7%	96.9%
Heavy	0	19	0	0	19	1	10	0	0	11	0	0	0	0	0	0	0	1	0	1	31
% Heavy	0%	3.3%	0%	0%	3.3%	12.5%	2.7%	0%	0%	2.9%	0%	0%	0%	0%	0%	0%	0%	5.0%	0%	2.3%	3.1%

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(7) 216th Street & Creek Road
8/23/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0		1	1					2		1
EASTBOUND		5	2	7						14	1	15
WESTBOUND	3	22		25					1	43		44

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.25				0.25
EASTBOUND	0.44	0.75			0.54	0.78
WESTBOUND	0.69				0.65	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%
EASTBOUND		0.0%	50.0%	14.3%						0.0%	0.0%	0.0%
WESTBOUND	0.0%	4.5%		4.0%					0.0%	0.0%		0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0		0	4	9	13	13
7:00 AM	TO	8:00 AM	3		3	5	21	26	29
8:00 AM	TO	9:00 AM	4		4	8	5	13	17
3:00 PM	TO	4:00 PM	10		10	19	17	36	46
4:00 PM	TO	5:00 PM	4		4	10	8	18	22
5:00 PM	TO	6:00 PM	5		5	18	30	48	53
6:00 PM	TO	7:00 PM	1		1	8	53	61	62
TOTAL VOLUME			27		27	72	143	215	242
PERCENTAGE			11.2%		11.2%	29.8%	59.1%	88.8%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(7) 216th Street & Creek Road
8/23/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0				3	0	3	3	0	3
8:00 AM - 9:00 AM	1	1	2				2	0	2	3	1	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3				7	0	7	10	0	10
4:00 PM - 5:00 PM	2	0	2				1	1	2	3	1	4
5:00 PM - 6:00 PM	3	0	3				2	0	2	5	0	5
6:00 PM - 7:00 PM	0	0	0				1	0	1	1	0	1
PASSENGER	9 90.0%						16 94.1%			25 92.6%		
TRUCK	1 10.0%						1 5.9%			2 7.4%		
BOTH	10 37.0%						17 63.0%			27 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				3	0	3	0	1	1	3	1	4
7:00 AM - 8:00 AM				4	0	4	1	0	1	5	0	5
8:00 AM - 9:00 AM				6	0	6	0	2	2	6	2	8
PM TIME PERIOD												
3:00 PM - 4:00 PM				15	3	18	0	1	1	15	4	19
4:00 PM - 5:00 PM				9	0	9	1	0	1	10	0	10
5:00 PM - 6:00 PM				18	0	18	0	0	0	18	0	18
6:00 PM - 7:00 PM				7	0	7	1	0	1	8	0	8
PASSENGER				62 95.4%			3 42.9%			65 90.3%		
TRUCK				3 4.6%			4 57.1%			7 9.7%		
BOTH				65 90.3%			7 9.7%			72 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	6	1	7				8	1	9
7:00 AM - 8:00 AM	3	0	3	18	0	18				21	0	21
8:00 AM - 9:00 AM	0	0	0	4	1	5				4	1	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	1	4	11	2	13				14	3	17
4:00 PM - 5:00 PM	0	1	1	7	0	7				7	1	8
5:00 PM - 6:00 PM	2	0	2	27	1	28				29	1	30
6:00 PM - 7:00 PM	3	0	3	49	1	50				52	1	53
PASSENGER	13 86.7%			122 95.3%						135 94.4%		
TRUCK	2 13.3%			6 4.7%						8 5.6%		
BOTH	15 10.5%			128 89.5%						143 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(8) 216th Street & Victory Chapel Road
8/23/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES				OFF PEAK HOUR VOLUMES				PM PEAK HOUR VOLUMES			
	BEGINS		6:30 AM		BEGINS				BEGINS		3:30 PM	
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0	1	1	2					3	10	1	14
SOUTHBOUND	0	3	1	4					3	3	1	7
EASTBOUND	0	0	0	0					4	12	2	18
WESTBOUND	0	26	0	26					1	7	1	9

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.50				0.70	
SOUTHBOUND	0.50	0.80			0.58	0.55
EASTBOUND	#DIV/0!				0.45	
WESTBOUND	0.72				0.32	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	100.0%	50.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	100.0%	25.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					25.0%	0.0%	0.0%	5.6%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	14.3%	0.0%	11.1%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	1	3	4	0	8	8	12
7:00 AM	TO	8:00 AM	3	6	9	0	22	22	31
8:00 AM	TO	9:00 AM	1	2	3	2	4	6	9
3:00 PM	TO	4:00 PM	9	7	16	21	9	30	46
4:00 PM	TO	5:00 PM	16	6	22	8	4	12	34
5:00 PM	TO	6:00 PM	6	4	10	7	11	18	28
6:00 PM	TO	7:00 PM	12	9	21	11	8	19	40
TOTAL VOLUME			48	37	85	49	66	115	200
PERCENTAGE			24.0%	18.5%	42.5%	24.5%	33.0%	57.5%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(8) 216th Street & Victory Chapel Road
8/23/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	1	1	0	1	1
7:00 AM - 8:00 AM	0	0	0	3	0	3	0	0	0	3	0	3
8:00 AM - 9:00 AM	0	0	0	1	0	1	0	0	0	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	8	0	8	0	0	0	9	0	9
4:00 PM - 5:00 PM	2	0	2	13	0	13	1	0	1	16	0	16
5:00 PM - 6:00 PM	0	0	0	5	0	5	1	0	1	6	0	6
6:00 PM - 7:00 PM	0	0	0	9	0	9	3	0	3	12	0	12
PASSENGER	3 100.0%			39 100.0%			5 83.3%			47 97.9%		
TRUCK	0 0.0%			0 0.0%			1 16.7%			1 2.1%		
BOTH	3 6.3%			39 81.3%			6 12.5%			48 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	2	0	2	0	1	1	2	1	3
7:00 AM - 8:00 AM	0	1	1	4	0	4	1	0	1	5	1	6
8:00 AM - 9:00 AM	0	0	0	1	0	1	0	1	1	1	1	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	0	4	2	0	2	1	0	1	7	0	7
4:00 PM - 5:00 PM	0	0	0	5	0	5	1	0	1	6	0	6
5:00 PM - 6:00 PM	1	0	1	2	0	2	1	0	1	4	0	4
6:00 PM - 7:00 PM	1	0	1	5	0	5	3	0	3	9	0	9
PASSENGER	6 85.7%			21 100.0%			7 77.8%			34 91.9%		
TRUCK	1 14.3%			0 0.0%			2 22.2%			3 8.1%		
BOTH	7 18.9%			21 56.8%			9 24.3%			37 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM - 9:00 AM	0	0	0	2	0	2	0	0	0	2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	1	3	17	0	17	1	0	1	20	1	21
4:00 PM - 5:00 PM	2	0	2	4	0	4	2	0	2	8	0	8
5:00 PM - 6:00 PM	0	0	0	7	0	7	0	0	0	7	0	7
6:00 PM - 7:00 PM	3	0	3	7	0	7	1	0	1	11	0	11
PASSENGER	7 87.5%			37 100.0%			4 100.0%			48 98.0%		
TRUCK	1 12.5%			0 0.0%			0 0.0%			1 2.0%		
BOTH	8 16.3%			37 75.5%			4 8.2%			49 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	8	0	8	0	0	0	8	0	8
7:00 AM - 8:00 AM	0	0	0	22	0	22	0	0	0	22	0	22
8:00 AM - 9:00 AM	0	0	0	4	0	4	0	0	0	4	0	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	5	1	6	2	0	2	8	1	9
4:00 PM - 5:00 PM	1	0	1	3	0	3	0	0	0	4	0	4
5:00 PM - 6:00 PM	1	0	1	9	0	9	1	0	1	11	0	11
6:00 PM - 7:00 PM	2	0	2	4	0	4	2	0	2	8	0	8
PASSENGER	5 100.0%			55 98.2%			5 100.0%			65 98.5%		
TRUCK	0 0.0%			1 1.8%			0 0.0%			1 1.5%		
BOTH	5 7.6%			56 84.8%			5 7.6%			66 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(9) 216th Street & Olio Road
8/24/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0	0	0	0					4	0	1	5
SOUTHBOUND	0	0	2	2					2	1	1	4
EASTBOUND	0	3	2	5					1	17	2	20
WESTBOUND	0	16	0	16					0	12	1	13

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	#DIV/0!				0.63	
SOUTHBOUND	0.50	0.72			0.33	0.58
EASTBOUND	0.63				0.63	
WESTBOUND	0.67				0.54	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					25.0%	0.0%	0.0%	20.0%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	50.0%	20.0%					0.0%	11.8%	0.0%	10.0%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	8.3%	0.0%	7.7%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	0	0	5	3	8	8
7:00 AM	TO	8:00 AM	0	2	2	4	17	21	23
8:00 AM	TO	9:00 AM	0	0	0	2	4	6	6
3:00 PM	TO	4:00 PM	3	5	8	18	9	27	35
4:00 PM	TO	5:00 PM	2	2	4	14	11	25	29
5:00 PM	TO	6:00 PM	0	0	0	20	15	35	35
6:00 PM	TO	7:00 PM	1	0	1	12	9	21	22
TOTAL VOLUME			6	9	15	75	68	143	158
PERCENTAGE			3.8%	5.7%	9.5%	47.5%	43.0%	90.5%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(9) 216th Street & Olio Road
8/24/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM - 9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	1	3	0	0	0	0	0	0	2	1	3
4:00 PM - 5:00 PM	1	0	1	0	0	0	1	0	1	2	0	2
5:00 PM - 6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM - 7:00 PM	1	0	1	0	0	0	0	0	0	1	0	1
PASSENGER	4 80.0%			0 #DIV/0!			1 100.0%			5 83.3%		
TRUCK	1 20.0%			0 #DIV/0!			0 0.0%			1 16.7%		
BOTH	5 83.3%			0 0.0%			1 16.7%			6 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0	0	0	0	2	0	2	2	0	2
8:00 AM - 9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	2	0	2	1	0	1	5	0	5
4:00 PM - 5:00 PM	0	0	0	1	0	1	1	0	1	2	0	2
5:00 PM - 6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM - 7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
PASSENGER	2 100.0%			3 100.0%			4 100.0%			9 100.0%		
TRUCK	0 0.0%			0 0.0%			0 0.0%			0 0.0%		
BOTH	2 22.2%			3 33.3%			4 44.4%			9 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	0	3	0	2	2	3	2	5
7:00 AM - 8:00 AM	0	1	1	2	0	2	1	0	1	3	1	4
8:00 AM - 9:00 AM	0	0	0	1	1	2	0	0	0	1	1	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	14	1	15	2	0	2	17	1	18
4:00 PM - 5:00 PM	0	0	0	13	1	14	0	0	0	13	1	14
5:00 PM - 6:00 PM	0	0	0	20	0	20	0	0	0	20	0	20
6:00 PM - 7:00 PM	1	0	1	10	0	10	1	0	1	12	0	12
PASSENGER	2 66.7%			63 95.5%			4 66.7%			69 92.0%		
TRUCK	1 33.3%			3 4.5%			2 33.3%			6 8.0%		
BOTH	3 4.0%			66 88.0%			6 8.0%			75 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	2	1	3	0	0	0	2	1	3
7:00 AM - 8:00 AM	0	0	0	17	0	17	0	0	0	17	0	17
8:00 AM - 9:00 AM	0	0	0	3	0	3	0	1	1	3	1	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	7	1	8	1	0	1	8	1	9
4:00 PM - 5:00 PM	0	0	0	11	0	11	0	0	0	11	0	11
5:00 PM - 6:00 PM	0	0	0	15	0	15	0	0	0	15	0	15
6:00 PM - 7:00 PM	0	0	0	9	0	9	0	0	0	9	0	9
PASSENGER	0 #DIV/0!			64 97.0%			1 50.0%			65 95.6%		
TRUCK	0 #DIV/0!			2 3.0%			1 50.0%			3 4.4%		
BOTH	0 0.0%			66 97.1%			2 2.9%			68 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(10) 216th Street & Durbin Road
8/23/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES				OFF PEAK HOUR VOLUMES				PM PEAK HOUR VOLUMES			
	BEGINS		6:30 AM		BEGINS				BEGINS		5:00 PM	
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1		2	3					0		1	1
EASTBOUND		3	0	3						16	2	18
WESTBOUND	0	14		14					2	15		17

PEAK HOUR FACTOR									
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR			
	APPROACH		INTERSECTION	APPROACH		INTERSECTION	APPROACH		INTERSECTION
	NORTHBOUND	0.38					0.25		
EASTBOUND	0.25		0.50			0.64		0.75	
WESTBOUND	0.58					0.71			

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%
EASTBOUND		0.0%	0.0%	0.0%						0.0%	0.0%	0.0%
WESTBOUND	0.0%	14.3%		14.3%					0.0%	0.0%		0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	2		2	0	5	5	7
7:00 AM	TO	8:00 AM	1		1	4	10	14	15
8:00 AM	TO	9:00 AM	0		0	1	2	3	3
3:00 PM	TO	4:00 PM	2		2	13	9	22	24
4:00 PM	TO	5:00 PM	2		2	9	7	16	18
5:00 PM	TO	6:00 PM	1		1	18	17	35	36
6:00 PM	TO	7:00 PM	3		3	5	7	12	15
TOTAL VOLUME			11		11	50	57	107	118
PERCENTAGE			9.3%		9.3%	42.4%	48.3%	90.7%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(10) 216th Street & Durbin Road
8/23/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				2	0	2	2	0	2
7:00 AM - 8:00 AM	1	0	1				0	0	0	1	0	1
8:00 AM - 9:00 AM	0	0	0				0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0				2	0	2	2	0	2
4:00 PM - 5:00 PM	0	0	0				2	0	2	2	0	2
5:00 PM - 6:00 PM	0	0	0				1	0	1	1	0	1
6:00 PM - 7:00 PM	2	0	2				1	0	1	3	0	3
PASSENGER	3 100.0%						8 100.0%			11 100.0%		
TRUCK	0 0.0%						0 0.0%			0 0.0%		
BOTH	3 27.3%						8 72.7%			11 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM				4	0	4	0	0	0	4	0	4
8:00 AM - 9:00 AM				1	0	1	0	0	0	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM				10	1	11	2	0	2	12	1	13
4:00 PM - 5:00 PM				8	1	9	0	0	0	8	1	9
5:00 PM - 6:00 PM				16	0	16	2	0	2	18	0	18
6:00 PM - 7:00 PM				3	0	3	2	0	2	5	0	5
PASSENGER				42 95.5%			6 100.0%			48 96.0%		
TRUCK				2 4.5%			0 0.0%			2 4.0%		
BOTH				44 88.0%			6 12.0%			50 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	2	5				3	2	5
7:00 AM - 8:00 AM	0	0	0	10	0	10				10	0	10
8:00 AM - 9:00 AM	0	0	0	2	0	2				2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	8	1	9				8	1	9
4:00 PM - 5:00 PM	1	0	1	6	0	6				7	0	7
5:00 PM - 6:00 PM	2	0	2	15	0	15				17	0	17
6:00 PM - 7:00 PM	1	0	1	6	0	6				7	0	7
PASSENGER	4 100.0%			50 94.3%						54 94.7%		
TRUCK	0 0.0%			3 5.7%						3 5.3%		
BOTH	4 7.0%			53 93.0%						57 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (11) 216th Street & Prairie Baptist Road
 8/28/2018
 AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	9	17		26					5	21		26
SOUTHBOUND		15	4	19						23	5	28
EASTBOUND	1		2	3					4		6	10

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.54				0.50	
SOUTHBOUND	0.59	0.67			0.78	0.73
EASTBOUND	0.25				0.83	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	47.1%		30.8%					0.0%	0.0%		0.0%
SOUTHBOUND		13.3%	0.0%	10.5%						0.0%	0.0%	0.0%
EASTBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	2	7	9	4		4	13
7:00 AM	TO	8:00 AM	26	19	45	3		3	48
8:00 AM	TO	9:00 AM	7	6	13	3		3	16
3:00 PM	TO	4:00 PM	13	19	32	11		11	43
4:00 PM	TO	5:00 PM	20	15	35	12		12	47
5:00 PM	TO	6:00 PM	26	28	54	10		10	64
6:00 PM	TO	7:00 PM	21	11	32	6		6	38
TOTAL VOLUME			115	105	220	49		49	269
PERCENTAGE			42.8%	39.0%	81.8%	18.2%		18.2%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(11) 216th Street & Prairie Baptist Road
8/28/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	1	1	1	0	1				1	1	2
7:00 AM - 8:00 AM	9	0	9	9	8	17				18	8	26
8:00 AM - 9:00 AM	2	1	3	2	2	4				4	3	7
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	1	4	9	0	9				12	1	13
4:00 PM - 5:00 PM	5	0	5	15	0	15				20	0	20
5:00 PM - 6:00 PM	5	0	5	21	0	21				26	0	26
6:00 PM - 7:00 PM	2	0	2	19	0	19				21	0	21
PASSENGER	26 89.7%			76 88.4%						102 88.7%		
TRUCK	3 10.3%			10 11.6%						13 11.3%		
BOTH	29 25.2%			86 74.8%						115 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				6	0	6	1	0	1	7	0	7
7:00 AM - 8:00 AM				13	2	15	4	0	4	17	2	19
8:00 AM - 9:00 AM				5	0	5	1	0	1	6	0	6
PM TIME PERIOD												
3:00 PM - 4:00 PM				18	0	18	1	0	1	19	0	19
4:00 PM - 5:00 PM				11	1	12	3	0	3	14	1	15
5:00 PM - 6:00 PM				23	0	23	5	0	5	28	0	28
6:00 PM - 7:00 PM				9	0	9	2	0	2	11	0	11
PASSENGER				85 96.6%			17 100.0%			102 97.1%		
TRUCK				3 3.4%			0 0.0%			3 2.9%		
BOTH				88 83.8%			17 16.2%			105 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1				3	0	3	4	0	4
7:00 AM - 8:00 AM	1	0	1				2	0	2	3	0	3
8:00 AM - 9:00 AM	0	0	0				3	0	3	3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	0	4				6	1	7	10	1	11
4:00 PM - 5:00 PM	5	0	5				7	0	7	12	0	12
5:00 PM - 6:00 PM	4	0	4				6	0	6	10	0	10
6:00 PM - 7:00 PM	4	0	4				2	0	2	6	0	6
PASSENGER	19 100.0%						29 96.7%			48 98.0%		
TRUCK	0 0.0%						1 3.3%			1 2.0%		
BOTH	19 38.8%						30 61.2%			49 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (12) 216th Street & Cyntheanne Road
 8/27/2018
 BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		1	1	2						5	3	8
SOUTHBOUND	0	11		11					0	3		3
WESTBOUND	0		0	0					6		1	7

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.50				0.40	
SOUTHBOUND	0.69	0.65			0.38	0.56
WESTBOUND	#DIV/0!				0.44	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		0.0%	100.0%	50.0%						20.0%	33.3%	25.0%
SOUTHBOUND	0.0%	54.5%		54.5%					0.0%	0.0%		0.0%
WESTBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	2	2		0	0	2
7:00 AM	TO	8:00 AM	0	8	8		2	2	10
8:00 AM	TO	9:00 AM	2	5	7		0	0	7
3:00 PM	TO	4:00 PM	7	2	9		3	3	12
4:00 PM	TO	5:00 PM	8	3	11		7	7	18
5:00 PM	TO	6:00 PM	8	4	12		1	1	13
6:00 PM	TO	7:00 PM	6	2	8		1	1	9
TOTAL VOLUME			31	26	57		14	14	71
PERCENTAGE			43.7%	36.6%	80.3%		19.7%	19.7%	100.0%

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :

City of Noblesville
 (12) 216th Street & Cyntheanne Road
 8/27/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM				0	0	0	0	0	0	0	0	0
8:00 AM - 9:00 AM				1	0	1	0	1	1	1	1	2
PM TIME PERIOD												
3:00 PM - 4:00 PM				6	0	6	1	0	1	7	0	7
4:00 PM - 5:00 PM				4	1	5	2	1	3	6	2	8
5:00 PM - 6:00 PM				7	0	7	1	0	1	8	0	8
6:00 PM - 7:00 PM				5	0	5	1	0	1	6	0	6
PASSENGER				23 95.8%			5 71.4%			28 90.3%		
TRUCK				1 4.2%			2 28.6%			3 9.7%		
BOTH				24 77.4%			7 22.6%			31 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	2	0	2				2	0	2
7:00 AM - 8:00 AM	0	0	0	4	4	8				4	4	8
8:00 AM - 9:00 AM	0	0	0	3	2	5				3	2	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	2	0	2				2	0	2
4:00 PM - 5:00 PM	0	0	0	3	0	3				3	0	3
5:00 PM - 6:00 PM	0	0	0	4	0	4				4	0	4
6:00 PM - 7:00 PM	0	0	0	2	0	2				2	0	2
PASSENGER	0 #DIV/0!			20 76.9%						20 76.9%		
TRUCK	0 #DIV/0!			6 23.1%						6 23.1%		
BOTH	0 0.0%			26 100.0%						26 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	1	0	1				1	0	1	2	0	2
8:00 AM - 9:00 AM	0	0	0				0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2				1	0	1	3	0	3
4:00 PM - 5:00 PM	6	0	6				1	0	1	7	0	7
5:00 PM - 6:00 PM	1	0	1				0	0	0	1	0	1
6:00 PM - 7:00 PM	1	0	1				0	0	0	1	0	1
PASSENGER	11 100.0%						3 100.0%			14 100.0%		
TRUCK	0 0.0%						0 0.0%			0 0.0%		
BOTH	11 78.6%						3 21.4%			14 100.0%		

216TH ST & SR 13 - TMC

Thu Aug 30, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557742, Location: 40.103947, -85.863267, Site Code: I-13

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-30																					
6:30AM	0	13	0	0	13	0	63	0	0	63	0	0	0	0	0	0	0	0	0	0	76
6:45AM	0	28	1	0	29	0	53	0	0	53	0	0	1	0	1	0	1	0	0	1	84
Hourly Total	0	41	1	0	42	0	116	0	0	116	0	0	1	0	1	0	1	0	0	1	160
7:00AM	0	31	0	0	31	0	29	0	0	29	1	0	0	0	1	0	1	1	0	2	63
7:15AM	0	32	0	0	32	0	42	0	0	42	0	0	0	0	0	2	0	1	0	3	77
7:30AM	1	33	0	0	34	1	53	1	0	55	1	0	0	0	1	4	2	1	0	7	97
7:45AM	1	35	0	0	36	0	55	0	0	55	0	0	0	0	0	0	0	0	0	0	91
Hourly Total	2	131	0	0	133	1	179	1	0	181	2	0	0	0	2	6	3	3	0	12	328
8:00AM	0	24	0	0	24	0	36	0	1	37	0	0	1	0	1	1	0	0	0	1	63
8:15AM	0	33	0	0	33	0	25	0	0	25	0	0	0	0	0	0	0	0	0	0	58
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	57	0	0	57	0	61	0	1	62	0	0	1	0	1	1	0	0	0	1	121
3:00PM	0	32	1	0	33	0	20	0	0	20	0	0	0	0	0	2	1	0	0	3	56
3:15PM	1	15	0	0	16	0	19	0	0	19	0	3	0	0	3	0	0	0	0	0	38
3:30PM	4	43	6	0	53	0	32	0	0	32	0	0	0	0	0	0	0	0	0	0	85
3:45PM	0	38	2	0	40	0	29	0	0	29	0	0	0	0	0	0	0	0	0	0	69
Hourly Total	5	128	9	0	142	0	100	0	0	100	0	3	0	0	3	2	1	0	0	3	248
4:00PM	0	39	3	0	42	1	18	0	0	19	0	0	2	0	2	1	0	0	0	1	64
4:15PM	0	50	1	0	51	0	38	0	0	38	0	0	0	0	0	1	0	0	0	1	90
4:30PM	0	50	0	0	50	1	46	0	0	47	0	0	0	0	0	0	0	0	0	0	97
4:45PM	0	44	0	0	44	1	47	0	0	48	0	0	0	0	0	0	0	1	0	1	93
Hourly Total	0	183	4	0	187	3	149	0	0	152	0	0	2	0	2	2	0	1	0	3	344
5:00PM	0	56	1	0	57	0	44	0	0	44	0	0	1	0	1	2	0	1	0	3	105
5:15PM	0	49	0	0	49	0	51	0	0	51	0	0	0	0	0	1	0	1	0	2	102
5:30PM	1	47	0	0	48	1	42	0	0	43	0	0	0	0	0	1	1	0	0	2	93
5:45PM	1	42	1	0	44	0	46	0	0	46	0	0	0	0	0	0	0	0	0	0	90
Hourly Total	2	194	2	0	198	1	183	0	0	184	0	0	1	0	1	4	1	2	0	7	390
6:00PM	1	43	2	0	46	0	40	0	0	40	0	0	0	0	0	0	0	0	0	0	86
6:15PM	0	44	3	0	47	0	33	0	0	33	0	1	0	0	1	0	0	0	0	0	81
6:30PM	1	31	0	0	32	0	26	0	0	26	0	0	0	0	0	1	0	0	0	1	59
6:45PM	0	37	0	0	37	2	28	0	0	30	0	0	1	0	1	0	2	0	0	2	70
Hourly Total	2	155	5	0	162	2	127	0	0	129	0	1	1	0	2	1	2	0	0	3	296
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	11	889	21	0	921	7	915	1	1	924	2	4	6	0	12	16	8	6	0	30	1887
% Approach	1.2%	96.5%	2.3%	0%	-	0.8%	99.0%	0.1%	0.1%	-	16.7%	33.3%	50.0%	0%	-	53.3%	26.7%	20.0%	0%	-	-
% Total	0.6%	47.1%	1.1%	0%	48.8%	0.4%	48.5%	0.1%	0.1%	49.0%	0.1%	0.2%	0.3%	0%	0.6%	0.8%	0.4%	0.3%	0%	1.6%	-
Lights and Motorcycles	11	839	20	0	870	5	863	0	1	869	2	4	6	0	12	16	8	5	0	29	1780
% Lights and Motorcycles	100%	94.4%	95.2%	0%	94.5%	71.4%	94.3%	0%	100%	94.0%	100%	100%	100%	0%	100%	100%	100%	83.3%	0%	96.7%	94.3%
Heavy	0	50	1	0	51	2	52	1	0	55	0	0	0	0	0	0	0	1	0	1	107
% Heavy	0%	5.6%	4.8%	0%	5.5%	28.6%	5.7%	100%	0%	6.0%	0%	0%	0%	0%	0%	0%	0%	16.7%	0%	3.3%	5.7%

* L: Left, R: Right, T: Thru, U: U-Turn

216TH ST & SR 13 - TMC

Thu Aug 30, 2018

AM Peak (7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557742, Location: 40.103947, -85.863267, Site Code: I-13

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-30 7:00AM	0	31	0	0	31	0	29	0	0	29	1	0	0	0	1	0	1	1	0	2	63
7:15AM	0	32	0	0	32	0	42	0	0	42	0	0	0	0	0	2	0	1	0	3	77
7:30AM	1	33	0	0	34	1	53	1	0	55	1	0	0	0	1	4	2	1	0	7	97
7:45AM	1	35	0	0	36	0	55	0	0	55	0	0	0	0	0	0	0	0	0	0	91
Total	2	131	0	0	133	1	179	1	0	181	2	0	0	0	2	6	3	3	0	12	328
% Approach	1.5%	98.5%	0%	0%	-	0.6%	98.9%	0.6%	0%	-	100%	0%	0%	0%	-	50.0%	25.0%	25.0%	0%	-	-
% Total	0.6%	39.9%	0%	0%	40.5%	0.3%	54.6%	0.3%	0%	55.2%	0.6%	0%	0%	0%	0.6%	1.8%	0.9%	0.9%	0%	3.7%	-
PHF	0.500	0.936	-	-	0.924	0.250	0.814	0.250	-	0.823	0.500	-	-	-	0.500	0.375	0.375	0.750	-	0.429	0.845
Lights and Motorcycles	2	122	0	0	124	0	173	0	0	173	2	0	0	0	2	6	3	2	0	11	310
% Lights and Motorcycles	100%	93.1%	0%	0%	93.2%	0%	96.6%	0%	0%	95.6%	100%	0%	0%	0%	100%	100%	100%	66.7%	0%	91.7%	94.5%
Heavy	0	9	0	0	9	1	6	1	0	8	0	0	0	0	0	0	0	1	0	1	18
% Heavy	0%	6.9%	0%	0%	6.8%	100%	3.4%	100%	0%	4.4%	0%	0%	0%	0%	0%	0%	0%	33.3%	0%	8.3%	5.5%

*L: Left, R: Right, T: Thru, U: U-Turn

216TH ST & SR 13 - TMC

Thu Aug 30, 2018

PM Peak (4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557742, Location: 40.103947, -85.863267, Site Code: I-13

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-30 4:30PM	0	50	0	0	50	1	46	0	0	47	0	0	0	0	0	0	0	0	0	0	97
4:45PM	0	44	0	0	44	1	47	0	0	48	0	0	0	0	0	0	0	1	0	1	93
5:00PM	0	56	1	0	57	0	44	0	0	44	0	0	1	0	1	2	0	1	0	3	105
5:15PM	0	49	0	0	49	0	51	0	0	51	0	0	0	0	0	1	0	1	0	2	102
Total	0	199	1	0	200	2	188	0	0	190	0	0	1	0	1	3	0	3	0	6	397
% Approach	0%	99.5%	0.5%	0%	-	1.1%	98.9%	0%	0%	-	0%	0%	100%	0%	-	50.0%	0%	50.0%	0%	-	-
% Total	0%	50.1%	0.3%	0%	50.4%	0.5%	47.4%	0%	0%	47.9%	0%	0%	0.3%	0%	0.3%	0.8%	0%	0.8%	0%	1.5%	-
PHF	-	0.888	0.250	-	0.877	0.500	0.922	-	-	0.931	-	-	0.250	-	0.250	0.375	-	0.750	-	0.500	0.945
Lights and Motorcycles	0	191	1	0	192	1	173	0	0	174	0	0	1	0	1	3	0	3	0	6	373
% Lights and Motorcycles	0%	96.0%	100%	0%	96.0%	50.0%	92.0%	0%	0%	91.6%	0%	0%	100%	0%	100%	100%	0%	100%	0%	100%	94.0%
Heavy	0	8	0	0	8	1	15	0	0	16	0	0	0	0	0	0	0	0	0	0	24
% Heavy	0%	4.0%	0%	0%	4.0%	50.0%	8.0%	0%	0%	8.4%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	6.0%

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (14) 211th Street & Cyntheanne Road
 8/28/2018
 BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1	5		6					4	12		16
SOUTHBOUND		13	1	14						5	0	5
EASTBOUND	2		2	4					1		1	2

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.50				0.57	
SOUTHBOUND	0.58	0.60			0.42	0.72
EASTBOUND	0.33				0.25	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	100.0%	40.0%		50.0%					0.0%	0.0%		0.0%
SOUTHBOUND		30.8%	0.0%	28.6%						0.0%	0.0%	0.0%
EASTBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	3	9	12	1		1	13
7:00 AM	TO	8:00 AM	4	11	15	3		3	18
8:00 AM	TO	9:00 AM	1	5	6	4		4	10
3:00 PM	TO	4:00 PM	3	6	9	1		1	10
4:00 PM	TO	5:00 PM	6	9	15	3		3	18
5:00 PM	TO	6:00 PM	16	2	18	1		1	19
6:00 PM	TO	7:00 PM	6	5	11	5		5	16
TOTAL VOLUME			39	47	86	18		18	104
PERCENTAGE			37.5%	45.2%	82.7%	17.3%		17.3%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(14) 211th Street & Cyntheanne Road
8/28/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	1	1	1	1	2				1	2	3
7:00 AM - 8:00 AM	0	0	0	3	1	4				3	1	4
8:00 AM - 9:00 AM	1	0	1	0	0	0				1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	2	1	3				2	1	3
4:00 PM - 5:00 PM	1	0	1	4	1	5				5	1	6
5:00 PM - 6:00 PM	4	0	4	12	0	12				16	0	16
6:00 PM - 7:00 PM	1	0	1	5	0	5				6	0	6
PASSENGER	7 87.5%			27 87.1%						34 87.2%		
TRUCK	1 12.5%			4 12.9%						5 12.8%		
BOTH	8 20.5%			31 79.5%						39 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				4	2	6	1	2	3	5	4	9
7:00 AM - 8:00 AM				9	2	11	0	0	0	9	2	11
8:00 AM - 9:00 AM				4	0	4	1	0	1	5	0	5
PM TIME PERIOD												
3:00 PM - 4:00 PM				5	0	5	1	0	1	6	0	6
4:00 PM - 5:00 PM				7	2	9	0	0	0	7	2	9
5:00 PM - 6:00 PM				2	0	2	0	0	0	2	0	2
6:00 PM - 7:00 PM				5	0	5	0	0	0	5	0	5
PASSENGER				36 85.7%			3 60.0%			39 83.0%		
TRUCK				6 14.3%			2 40.0%			8 17.0%		
BOTH				42 89.4%			5 10.6%			47 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				1	0	1	1	0	1
7:00 AM - 8:00 AM	2	0	2				1	0	1	3	0	3
8:00 AM - 9:00 AM	2	0	2				2	0	2	4	0	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0				1	0	1	1	0	1
4:00 PM - 5:00 PM	1	1	2				1	0	1	2	1	3
5:00 PM - 6:00 PM	0	0	0				0	1	1	0	1	1
6:00 PM - 7:00 PM	1	0	1				4	0	4	5	0	5
PASSENGER	6 85.7%						10 90.9%			16 88.9%		
TRUCK	1 14.3%						1 9.1%			2 11.1%		
BOTH	7 38.9%						11 61.1%			18 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(15) 211th Street & Prairie Baptist Road
12/6/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND		18	0	18						17	2
SOUTHBOUND	0	18		18					2	18		20
WESTBOUND	1		2	3					1		2	3

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.75				0.68
SOUTHBOUND	0.90	0.89			0.71	0.81
WESTBOUND	0.38				0.75	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND		0.0%	0.0%	0.0%						5.9%	0.0%
SOUTHBOUND	0.0%	0.0%		0.0%					0.0%	0.0%		0.0%
WESTBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	6	8	14		0	0	14
7:00 AM	TO	8:00 AM	14	18	32		4	4	36
8:00 AM	TO	9:00 AM	6	6	12		0	0	12
3:00 PM	TO	4:00 PM	14	10	24		0	0	24
4:00 PM	TO	5:00 PM	21	15	36		1	1	37
5:00 PM	TO	6:00 PM	19	20	39		3	3	42
6:00 PM	TO	7:00 PM	15	12	27		2	2	29
TOTAL VOLUME			95	89	184		10	10	194
PERCENTAGE			49.0%	45.9%	94.8%		5.2%	5.2%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(15) 211th Street & Prairie Baptist Road
12/6/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				6	0	6	0	0	0	6	0	6
7:00 AM - 8:00 AM				14	0	14	0	0	0	14	0	14
8:00 AM - 9:00 AM				5	1	6	0	0	0	5	1	6
PM TIME PERIOD												
3:00 PM - 4:00 PM				12	1	13	1	0	1	13	1	14
4:00 PM - 5:00 PM				21	0	21	0	0	0	21	0	21
5:00 PM - 6:00 PM				16	1	17	2	0	2	18	1	19
6:00 PM - 7:00 PM				12	0	12	3	0	3	15	0	15
PASSENGER				86 96.6%			6 100.0%			92 96.8%		
TRUCK				3 3.4%			0 0.0%			3 3.2%		
BOTH				89 93.7%			6 6.3%			95 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	7	1	8				7	1	8
7:00 AM - 8:00 AM	0	0	0	18	0	18				18	0	18
8:00 AM - 9:00 AM	0	0	0	6	0	6				6	0	6
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	1	2	7	1	8				8	2	10
4:00 PM - 5:00 PM	1	0	1	12	2	14				13	2	15
5:00 PM - 6:00 PM	2	0	2	18	0	18				20	0	20
6:00 PM - 7:00 PM	3	0	3	9	0	9				12	0	12
PASSENGER	7 87.5%			77 95.1%						84 94.4%		
TRUCK	1 12.5%			4 4.9%						5 5.6%		
BOTH	8 9.0%			81 91.0%						89 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	1	1	2				2	0	2	3	1	4
8:00 AM - 9:00 AM	0	0	0				0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0				0	0	0	0	0	0
4:00 PM - 5:00 PM	0	0	0				1	0	1	1	0	1
5:00 PM - 6:00 PM	1	0	1				2	0	2	3	0	3
6:00 PM - 7:00 PM	0	0	0				2	0	2	2	0	2
PASSENGER	2 66.7%						7 100.0%			9 90.0%		
TRUCK	1 33.3%						0 0.0%			1 10.0%		
BOTH	3 30.0%						7 70.0%			10 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 211th Street & Creek Road
 8/30/2018
 BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	1	2		3					6	9	
SOUTHBOUND		5	1	6						9	0	9
EASTBOUND	0		4	4					1		1	2

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.25				0.75
SOUTHBOUND	0.50	0.65			0.45	0.59
EASTBOUND	0.50				0.50	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%	0.0%		0.0%					33.3%	11.1%	
SOUTHBOUND		0.0%	0.0%	0.0%						22.2%	0.0%	22.2%
EASTBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	1	2	3	2		2	5
7:00 AM	TO	8:00 AM	4	5	9	4		4	13
8:00 AM	TO	9:00 AM	1	1	2	3		3	5
3:00 PM	TO	4:00 PM	15	9	24	2		2	26
4:00 PM	TO	5:00 PM	7	4	11	3		3	14
5:00 PM	TO	6:00 PM	3	0	3	6		6	9
6:00 PM	TO	7:00 PM	4	2	6	0		0	6
TOTAL VOLUME			35	23	58	20		20	78
PERCENTAGE			44.9%	29.5%	74.4%	25.6%		25.6%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
211th Street & Creek Road
8/30/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	0	1	1	0	0	0				0	1	1
7:00 AM - 8:00 AM	1	0	1	3	0	3				4	0	4
8:00 AM - 9:00 AM	0	1	1	0	0	0				0	1	1
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	4	2	6	8	1	9				12	3	15
4:00 PM - 5:00 PM	2	1	3	4	0	4				6	1	7
5:00 PM - 6:00 PM	1	0	1	2	0	2				3	0	3
6:00 PM - 7:00 PM	2	0	2	2	0	2				4	0	4
PASSENGER	10 66.7%			19 95.0%						29 82.9%		
TRUCK	5 33.3%			1 5.0%						6 17.1%		
BOTH	15 42.9%			20 57.1%						35 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM				2	0	2	0	0	0	2	0	2
7:00 AM - 8:00 AM				4	0	4	1	0	1	5	0	5
8:00 AM - 9:00 AM				0	1	1	0	0	0	0	1	1
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM				7	2	9	0	0	0	7	2	9
4:00 PM - 5:00 PM				2	1	3	0	1	1	2	2	4
5:00 PM - 6:00 PM				0	0	0	0	0	0	0	0	0
6:00 PM - 7:00 PM				1	0	1	1	0	1	2	0	2
PASSENGER				16 80.0%			2 66.7%			18 78.3%		
TRUCK				4 20.0%			1 33.3%			5 21.7%		
BOTH				20 87.0%			3 13.0%			23 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	0	0	0				0	2	2	0	2	2
7:00 AM - 8:00 AM	0	0	0				4	0	4	4	0	4
8:00 AM - 9:00 AM	0	0	0				0	3	3	0	3	3
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	1	0	1				1	0	1	2	0	2
4:00 PM - 5:00 PM	0	0	0				2	1	3	2	1	3
5:00 PM - 6:00 PM	1	0	1				5	0	5	6	0	6
6:00 PM - 7:00 PM	0	0	0				0	0	0	0	0	0
PASSENGER	2 100.0%						12 66.7%			14 70.0%		
TRUCK	0 0.0%						6 33.3%			6 30.0%		
BOTH	2 10.0%						18 90.0%			20 100.0%		

SR37 & 211TH ST - TMC

Tue May 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656404, Location: 40.095022, -85.967829, Site Code: i-17



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-05-14 6:30AM	48	0	0	48	0	149	0	149	0	0	0	0	197
6:45AM	63	0	0	63	0	154	0	154	0	0	0	0	217
Hourly Total	111	0	0	111	0	303	0	303	0	0	0	0	414
7:00AM	76	0	0	76	0	139	0	139	0	0	0	0	215
7:15AM	92	0	0	92	0	145	0	145	0	0	0	0	237
7:30AM	80	0	0	80	0	167	0	167	0	0	0	0	247
7:45AM	58	1	0	59	0	179	0	179	0	1	0	1	239
Hourly Total	306	1	0	307	0	630	0	630	0	1	0	1	938
8:00AM	47	1	0	48	0	74	0	74	1	1	0	2	124
8:15AM	69	0	0	69	0	137	0	137	0	0	0	0	206
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	116	1	0	117	0	211	0	211	1	1	0	2	330
3:00PM	123	0	0	123	0	77	0	77	0	0	0	0	200
3:15PM	126	1	0	127	0	91	0	91	0	0	0	0	218
3:30PM	120	0	0	120	0	83	0	83	1	0	0	1	204
3:45PM	137	0	0	137	1	71	0	72	0	0	0	0	209
Hourly Total	506	1	0	507	1	322	0	323	1	0	0	1	831
4:00PM	156	1	0	157	0	106	0	106	1	0	0	1	264
4:15PM	143	2	0	145	0	88	0	88	0	0	0	0	233
4:30PM	153	0	0	153	0	106	0	106	0	1	0	1	260
4:45PM	151	0	0	151	0	98	0	98	0	0	0	0	249
Hourly Total	603	3	0	606	0	398	0	398	1	1	0	2	1006
5:00PM	169	2	0	171	0	99	0	99	0	0	0	0	270
5:15PM	156	0	0	156	0	120	0	120	0	0	0	0	276
5:30PM	127	1	0	128	0	112	0	112	0	0	0	0	240
5:45PM	155	1	0	156	0	82	0	82	0	0	0	0	238
Hourly Total	607	4	0	611	0	413	0	413	0	0	0	0	1024
6:00PM	121	0	0	121	0	64	0	64	0	2	0	2	187
6:15PM	99	1	1	101	0	93	0	93	0	0	0	0	194
6:30PM	87	0	0	87	0	64	0	64	1	0	0	1	152
6:45PM	95	1	0	96	0	48	0	48	0	0	0	0	144
Hourly Total	402	2	1	405	0	269	0	269	1	2	0	3	677
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2651	12	1	2664	1	2546	0	2547	4	5	0	9	5220
% Approach	99.5%	0.5%	0%	-	0%	100.0%	0%	-	44.4%	55.6%	0%	-	-
% Total	50.8%	0.2%	0%	51.0%	0%	48.8%	0%	48.8%	0.1%	0.1%	0%	0.2%	-
Lights and Motorcycles	2543	11	1	2555	1	2438	0	2439	3	3	0	6	5000
% Lights and Motorcycles	95.9%	91.7%	100%	95.9%	100%	95.8%	0%	95.8%	75.0%	60.0%	0%	66.7%	95.8%
Heavy	108	1	0	109	0	108	0	108	1	2	0	3	220
% Heavy	4.1%	8.3%	0%	4.1%	0%	4.2%	0%	4.2%	25.0%	40.0%	0%	33.3%	4.2%

*L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 211TH ST - TMC

Tue May 14, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656404, Location: 40.095022, -85.967829, Site Code: i-17



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-05-14 7:00AM	76	0	0	76	0	139	0	139	0	0	0	0	215
7:15AM	92	0	0	92	0	145	0	145	0	0	0	0	237
7:30AM	80	0	0	80	0	167	0	167	0	0	0	0	247
7:45AM	58	1	0	59	0	179	0	179	0	1	0	1	239
Total	306	1	0	307	0	630	0	630	0	1	0	1	938
% Approach	99.7%	0.3%	0%	-	0%	100%	0%	-	0%	100%	0%	-	-
% Total	32.6%	0.1%	0%	32.7%	0%	67.2%	0%	67.2%	0%	0.1%	0%	0.1%	-
PHF	0.832	0.250	-	0.834	-	0.880	-	0.880	-	0.250	-	0.250	0.949
Lights and Motorcycles	286	1	0	287	0	607	0	607	0	0	0	0	894
% Lights and Motorcycles	93.5%	100%	0%	93.5%	0%	96.3%	0%	96.3%	0%	0%	0%	0%	95.3%
Heavy	20	0	0	20	0	23	0	23	0	1	0	1	44
% Heavy	6.5%	0%	0%	6.5%	0%	3.7%	0%	3.7%	0%	100%	0%	100%	4.7%

* L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 211TH ST - TMC

Tue May 14, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656404, Location: 40.095022, -85.967829, Site Code: i-17



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-05-14 4:30PM	153	0	0	153	0	106	0	106	0	1	0	1	260
4:45PM	151	0	0	151	0	98	0	98	0	0	0	0	249
5:00PM	169	2	0	171	0	99	0	99	0	0	0	0	270
5:15PM	156	0	0	156	0	120	0	120	0	0	0	0	276
Total	629	2	0	631	0	423	0	423	0	1	0	1	1055
% Approach	99.7%	0.3%	0%	-	0%	100%	0%	-	0%	100%	0%	-	-
% Total	59.6%	0.2%	0%	59.8%	0%	40.1%	0%	40.1%	0%	0.1%	0%	0.1%	-
PHF	0.930	0.250	-	0.923	-	0.881	-	0.881	-	0.250	-	0.250	0.956
Lights and Motorcycles	609	2	0	611	0	406	0	406	0	1	0	1	1018
% Lights and Motorcycles	96.8%	100%	0%	96.8%	0%	96.0%	0%	96.0%	0%	100%	0%	100%	96.5%
Heavy	20	0	0	20	0	17	0	17	0	0	0	0	37
% Heavy	3.2%	0%	0%	3.2%	0%	4.0%	0%	4.0%	0%	0%	0%	0%	3.5%

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(18) 211th Street & Riverwood Avenue
2/6/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	13	27		40					8	66		74
SOUTHBOUND		38	2	40						42	3	45
EASTBOUND	0		18	18					3		2	5

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.48				0.84	
SOUTHBOUND	0.71	0.70			0.80	0.84
EASTBOUND	0.64				0.63	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	38.5%	0.0%		12.5%					0.0%	3.0%		2.7%
SOUTHBOUND		5.3%	100.0%	10.0%						0.0%	0.0%	0.0%
EASTBOUND	0.0%		11.1%	11.1%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	28	13	41	7		7	48
7:00 AM	TO	8:00 AM	28	43	71	16		16	87
8:00 AM	TO	9:00 AM	16	23	39	13		13	52
3:00 PM	TO	4:00 PM	55	37	92	5		5	97
4:00 PM	TO	5:00 PM	73	41	114	3		3	117
5:00 PM	TO	6:00 PM	53	37	90	8		8	98
6:00 PM	TO	7:00 PM	54	34	88	10		10	98
TOTAL VOLUME			307	228	535	62		62	597
PERCENTAGE			51.4%	38.2%	89.6%	10.4%		10.4%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(18) 211th Street & Riverwood Avenue
2/6/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	5	1	6	22	0	22				27	1	28
7:00 AM - 8:00 AM	5	4	9	18	1	19				23	5	28
8:00 AM - 9:00 AM	3	0	3	12	1	13				15	1	16
PM TIME PERIOD												
3:00 PM - 4:00 PM	9	0	9	43	3	46				52	3	55
4:00 PM - 5:00 PM	7	0	7	66	0	66				73	0	73
5:00 PM - 6:00 PM	8	0	8	43	2	45				51	2	53
6:00 PM - 7:00 PM	9	0	9	44	1	45				53	1	54
PASSENGER	46 90.2%			248 96.9%						294 95.8%		
TRUCK	5 9.8%			8 3.1%						13 4.2%		
BOTH	51 16.6%			256 83.4%						307 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				11	0	11	0	2	2	11	2	13
7:00 AM - 8:00 AM				40	3	43	0	0	0	40	3	43
8:00 AM - 9:00 AM				21	2	23	0	0	0	21	2	23
PM TIME PERIOD												
3:00 PM - 4:00 PM				30	1	31	2	4	6	32	5	37
4:00 PM - 5:00 PM				39	0	39	2	0	2	41	0	41
5:00 PM - 6:00 PM				36	0	36	1	0	1	37	0	37
6:00 PM - 7:00 PM				33	1	34	0	0	0	33	1	34
PASSENGER				210 96.8%			5 45.5%			215 94.3%		
TRUCK				7 3.2%			6 54.5%			13 5.7%		
BOTH				217 95.2%			11 4.8%			228 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				7	0	7	7	0	7
7:00 AM - 8:00 AM	0	0	0				14	2	16	14	2	16
8:00 AM - 9:00 AM	0	1	1				12	0	12	12	1	13
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	1	1				4	0	4	4	1	5
4:00 PM - 5:00 PM	1	0	1				2	0	2	3	0	3
5:00 PM - 6:00 PM	2	0	2				6	0	6	8	0	8
6:00 PM - 7:00 PM	2	0	2				8	0	8	10	0	10
PASSENGER	5 71.4%						53 96.4%			58 93.5%		
TRUCK	2 28.6%						2 3.6%			4 6.5%		
BOTH	7 11.3%						55 88.7%			62 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(19) 211th Street & Overdorf Road
2/5/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:15 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		2	3	5						18	6	24
SOUTHBOUND	1	11		12					3	13		16
WESTBOUND	10		2	12					4		4	8

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.42				0.75	
SOUTHBOUND	0.60	0.91			0.80	0.86
WESTBOUND	0.60				0.67	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		0.0%	0.0%	0.0%						0.0%	16.7%	4.2%
SOUTHBOUND	0.0%	0.0%		0.0%					0.0%	15.4%		12.5%
WESTBOUND	20.0%		0.0%	16.7%					25.0%		0.0%	12.5%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	2	3	5		6	6	11
7:00 AM	TO	8:00 AM	5	10	15		9	9	24
8:00 AM	TO	9:00 AM	4	2	6		5	5	11
3:00 PM	TO	4:00 PM	19	13	32		8	8	40
4:00 PM	TO	5:00 PM	23	14	37		4	4	41
5:00 PM	TO	6:00 PM	23	18	41		3	3	44
6:00 PM	TO	7:00 PM	14	8	22		2	2	24
TOTAL VOLUME			90	68	158		37	37	195
PERCENTAGE			46.2%	34.9%	81.0%		19.0%	19.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(19) 211th Street & Overdorf Road
2/5/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				0	1	1	1	0	1	1	1	2
7:00 AM - 8:00 AM				3	0	3	2	0	2	5	0	5
8:00 AM - 9:00 AM				1	1	2	1	1	2	2	2	4
PM TIME PERIOD												
3:00 PM - 4:00 PM				14	0	14	4	1	5	18	1	19
4:00 PM - 5:00 PM				16	0	16	7	0	7	23	0	23
5:00 PM - 6:00 PM				17	0	17	6	0	6	23	0	23
6:00 PM - 7:00 PM				7	0	7	7	0	7	14	0	14
PASSENGER				58 96.7%			28 93.3%			86 95.6%		
TRUCK				2 3.3%			2 6.7%			4 4.4%		
BOTH				60 66.7%			30 33.3%			90 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	0	3				3	0	3
7:00 AM - 8:00 AM	1	0	1	9	0	9				10	0	10
8:00 AM - 9:00 AM	1	0	1	1	0	1				2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3	9	1	10				12	1	13
4:00 PM - 5:00 PM	1	0	1	10	3	13				11	3	14
5:00 PM - 6:00 PM	2	0	2	16	0	16				18	0	18
6:00 PM - 7:00 PM	2	0	2	6	0	6				8	0	8
PASSENGER	10 100.0%			54 93.1%						64 94.1%		
TRUCK	0 0.0%			4 6.9%						4 5.9%		
BOTH	10 14.7%			58 85.3%						68 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	3	2	5				1	0	1	4	2	6
7:00 AM - 8:00 AM	7	0	7				2	0	2	9	0	9
8:00 AM - 9:00 AM	2	3	5				0	0	0	2	3	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	1	3				5	0	5	7	1	8
4:00 PM - 5:00 PM	2	0	2				2	0	2	4	0	4
5:00 PM - 6:00 PM	1	0	1				2	0	2	3	0	3
6:00 PM - 7:00 PM	2	0	2				0	0	0	2	0	2
PASSENGER	19 76.0%						12 100.0%			31 83.8%		
TRUCK	6 24.0%						0 0.0%			6 16.2%		
BOTH	25 67.6%						12 32.4%			37 100.0%		

HAGUE RD & JAMES RD - TMC

Wed Aug 22, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555922, Location: 40.094495, -86.030914, Site Code: I-20

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2018-08-22 3:00PM	33	2	0	35	0	22	0	22	1	2	0	3	60
3:15PM	28	0	0	28	1	32	0	33	0	0	0	0	61
3:30PM	45	0	0	45	0	30	0	30	0	2	0	2	77
3:45PM	34	0	0	34	0	25	0	25	0	1	0	1	60
Hourly Total	140	2	0	142	1	109	0	110	1	5	0	6	258
4:00PM	29	0	0	29	0	17	0	17	0	0	0	0	46
4:15PM	50	0	0	50	0	30	0	30	0	4	0	4	84
4:30PM	51	1	0	52	0	33	0	33	0	1	0	1	86
4:45PM	64	0	0	64	0	30	0	30	1	0	0	1	95
Hourly Total	194	1	0	195	0	110	0	110	1	5	0	6	311
5:00PM	55	0	0	55	0	33	0	33	1	1	0	2	90
5:15PM	73	0	0	73	1	34	0	35	0	3	0	3	111
5:30PM	63	0	0	63	0	47	0	47	0	0	0	0	110
5:45PM	54	0	0	54	0	36	0	36	0	1	0	1	91
Hourly Total	245	0	0	245	1	150	0	151	1	5	0	6	402
6:00PM	47	0	0	47	0	27	0	27	0	1	0	1	75
6:15PM	44	1	0	45	0	40	0	40	0	0	0	0	85
6:30PM	41	0	0	41	0	22	0	22	1	1	0	2	65
6:45PM	53	0	0	53	1	26	0	27	0	1	0	1	81
Hourly Total	185	1	0	186	1	115	0	116	1	3	0	4	306
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-23 6:30AM	12	0	0	12	0	25	0	25	0	0	0	0	37
6:45AM	14	0	0	14	0	50	0	50	0	0	0	0	64
Hourly Total	26	0	0	26	0	75	0	75	0	0	0	0	101
7:00AM	17	0	0	17	3	31	0	34	0	0	0	0	51
7:15AM	19	0	0	19	0	35	0	35	1	0	0	1	55
7:30AM	10	0	0	10	0	42	0	42	1	0	0	1	53
7:45AM	11	0	0	11	1	34	0	35	1	0	0	1	47
Hourly Total	57	0	0	57	4	142	0	146	3	0	0	3	206
8:00AM	19	0	0	19	0	32	0	32	0	0	0	0	51
8:15AM	15	0	0	15	1	32	0	33	0	0	0	0	48
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	34	0	0	34	1	64	0	65	0	0	0	0	99
Total	881	4	0	885	8	765	0	773	7	18	0	25	1683
% Approach	99.5%	0.5%	0%	-	1.0%	99.0%	0%	-	28.0%	72.0%	0%	-	-
% Total	52.3%	0.2%	0%	52.6%	0.5%	45.5%	0%	45.9%	0.4%	1.1%	0%	1.5%	-
Lights and Motorcycles	867	4	0	871	6	756	0	762	7	18	0	25	1658
% Lights and Motorcycles	98.4%	100%	0%	98.4%	75.0%	98.8%	0%	98.6%	100%	100%	0%	100%	98.5%
Heavy	14	0	0	14	2	9	0	11	0	0	0	0	25
% Heavy	1.6%	0%	0%	1.6%	25.0%	1.2%	0%	1.4%	0%	0%	0%	0%	1.5%

*L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & JAMES RD - TMC

Thu Aug 23, 2018

AM Peak (Aug 23 2018 6:45AM - 7:45AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555922, Location: 40.094495, -86.030914, Site Code: I-20

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2018-08-23 6:45AM	14	0	0	14	0	50	0	50	0	0	0	0	64
7:00AM	17	0	0	17	3	31	0	34	0	0	0	0	51
7:15AM	19	0	0	19	0	35	0	35	1	0	0	1	55
7:30AM	10	0	0	10	0	42	0	42	1	0	0	1	53
Total	60	0	0	60	3	158	0	161	2	0	0	2	223
% Approach	100%	0%	0%	-	1.9%	98.1%	0%	-	100%	0%	0%	-	-
% Total	26.9%	0%	0%	26.9%	1.3%	70.9%	0%	72.2%	0.9%	0%	0%	0.9%	-
PHF	0.789	-	-	0.789	0.250	0.790	-	0.805	0.500	-	-	0.500	0.871
Lights and Motorcycles	59	0	0	59	2	156	0	158	2	0	0	2	219
% Lights and Motorcycles	98.3%	0%	0%	98.3%	66.7%	98.7%	0%	98.1%	100%	0%	0%	100%	98.2%
Heavy	1	0	0	1	1	2	0	3	0	0	0	0	4
% Heavy	1.7%	0%	0%	1.7%	33.3%	1.3%	0%	1.9%	0%	0%	0%	0%	1.8%

* L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & JAMES RD - TMC

Wed Aug 22, 2018

PM Peak (Aug 22 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555922, Location: 40.094495, -86.030914, Site Code: I-20

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2018-08-22 4:45PM	64	0	0	64	0	30	0	30	1	0	0	1	95
5:00PM	55	0	0	55	0	33	0	33	1	1	0	2	90
5:15PM	73	0	0	73	1	34	0	35	0	3	0	3	111
5:30PM	63	0	0	63	0	47	0	47	0	0	0	0	110
Total	255	0	0	255	1	144	0	145	2	4	0	6	406
% Approach	100%	0%	0%	-	0.7%	99.3%	0%	-	33.3%	66.7%	0%	-	-
% Total	62.8%	0%	0%	62.8%	0.2%	35.5%	0%	35.7%	0.5%	1.0%	0%	1.5%	-
PHF	0.873	-	-	0.873	0.250	0.766	-	0.771	0.500	0.333	-	0.500	0.914
Lights and Motorcycles	254	0	0	254	1	143	0	144	2	4	0	6	404
% Lights and Motorcycles	99.6%	0%	0%	99.6%	100%	99.3%	0%	99.3%	100%	100%	0%	100%	99.5%
Heavy	1	0	0	1	0	1	0	1	0	0	0	0	2
% Heavy	0.4%	0%	0%	0.4%	0%	0.7%	0%	0.7%	0%	0%	0%	0%	0.5%

* L: Left, R: Right, T: Thru, U: U-Turn

CARRIGAN RD & HARBOUR DR - TMC

Wed Aug 22, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555918, Location: 40.094476, -86.049153, Site Code: I-21

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-22																					
3:00PM	8	0	11	0	19	8	1	4	0	13	6	48	8	0	62	12	46	5	0	63	157
3:15PM	8	0	13	0	21	5	1	7	0	13	10	45	7	0	62	6	47	10	0	63	159
3:30PM	11	0	13	0	24	6	0	7	0	13	8	67	12	0	87	19	50	7	0	76	200
3:45PM	6	1	13	0	20	6	0	4	0	10	11	59	7	0	77	16	45	5	0	66	173
Hourly Total	33	1	50	0	84	25	2	22	0	49	35	219	34	0	288	53	188	27	0	268	689
4:00PM	7	1	8	0	16	6	1	5	0	12	5	57	17	0	79	12	55	10	0	77	184
4:15PM	10	1	15	0	26	15	0	3	0	18	7	74	15	0	96	17	57	7	0	81	221
4:30PM	6	1	18	0	25	10	1	3	0	14	4	75	10	0	89	24	65	11	0	100	228
4:45PM	6	0	17	0	23	7	0	5	0	12	15	85	14	0	114	22	55	8	0	85	234
Hourly Total	29	3	58	0	90	38	2	16	0	56	31	291	56	0	378	75	232	36	0	343	867
5:00PM	6	0	16	0	22	10	0	2	0	12	14	73	14	0	101	19	65	14	0	98	233
5:15PM	4	1	17	0	22	6	1	8	0	15	9	104	12	0	125	20	77	13	0	110	272
5:30PM	0	0	14	0	14	5	1	6	0	12	11	99	10	0	120	17	72	15	0	104	250
5:45PM	4	1	14	0	19	3	2	6	0	11	9	91	15	0	115	20	62	12	0	94	239
Hourly Total	14	2	61	0	77	24	4	22	0	50	43	367	51	0	461	76	276	54	0	406	994
6:00PM	1	1	12	0	14	6	0	10	0	16	10	66	12	0	88	17	58	11	0	86	204
6:15PM	7	0	12	0	19	6	2	7	0	15	7	93	14	0	114	19	60	9	0	88	236
6:30PM	6	0	13	0	19	10	2	1	0	13	4	60	9	0	73	22	59	12	0	93	198
6:45PM	1	0	12	0	13	6	1	4	0	11	9	74	7	0	90	13	48	13	0	74	188
Hourly Total	15	1	49	0	65	28	5	22	0	55	30	293	42	0	365	71	225	45	0	341	826
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-23																					
6:30AM	4	0	17	0	21	4	0	4	0	8	3	35	0	0	38	2	33	2	0	37	104
6:45AM	12	0	14	0	26	13	0	11	0	24	1	56	1	0	58	2	40	1	0	43	151
Hourly Total	16	0	31	0	47	17	0	15	0	32	4	91	1	0	96	4	73	3	0	80	255
7:00AM	16	0	46	0	62	17	0	14	0	31	0	89	0	0	89	2	40	1	0	43	225
7:15AM	10	1	15	0	26	13	0	9	0	22	2	65	5	0	72	4	71	6	0	81	201
7:30AM	10	0	19	0	29	11	0	15	0	26	0	48	1	0	49	4	62	2	0	68	172
7:45AM	15	0	21	0	36	16	0	7	0	23	2	59	4	0	65	7	54	1	0	62	186
Hourly Total	51	1	101	0	153	57	0	45	0	102	4	261	10	0	275	17	227	10	0	254	784
8:00AM	11	0	14	0	25	6	0	9	0	15	1	62	6	0	69	6	39	4	0	49	158
8:15AM	12	1	20	0	33	5	1	11	0	17	2	44	2	0	48	4	49	6	0	59	157
8:30AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Hourly Total	23	1	34	0	58	11	1	20	0	32	3	107	8	0	118	10	88	10	0	108	316
Total	181	9	384	0	574	200	14	162	0	376	150	1629	202	0	1981	306	1309	185	0	1800	4731
% Approach	31.5%	1.6%	66.9%	0%	-	53.2%	3.7%	43.1%	0%	-	7.6%	82.2%	10.2%	0%	-	17.0%	72.7%	10.3%	0%	-	-
% Total	3.8%	0.2%	8.1%	0%	12.1%	4.2%	0.3%	3.4%	0%	7.9%	3.2%	34.4%	4.3%	0%	41.9%	6.5%	27.7%	3.9%	0%	38.0%	-
Lights and Motorcycles	176	9	377	0	562	196	14	159	0	369	149	1594	200	0	1943	303	1282	177	0	1762	4636
% Lights and Motorcycles	97.2%	100%	98.2%	0%	97.9%	98.0%	100%	98.1%	0%	98.1%	99.3%	97.9%	99.0%	0%	98.1%	99.0%	97.9%	95.7%	0%	97.9%	98.0%
Heavy	5	0	7	0	12	4	0	3	0	7	1	35	2	0	38	3	27	8	0	38	95
% Heavy	2.8%	0%	1.8%	0%	2.1%	2.0%	0%	1.9%	0%	1.9%	0.7%	2.1%	1.0%	0%	1.9%	1.0%	2.1%	4.3%	0%	2.1%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

CARRIGAN RD & HARBOUR DR - TMC

Thu Aug 23, 2018

AM Peak (Aug 23 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555918, Location: 40.094476, -86.049153, Site Code: I-21

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-08-23 7:00AM	16	0	46	0	62	17	0	14	0	31	0	89	0	0	89	2	40	1	0	43	225
7:15AM	10	1	15	0	26	13	0	9	0	22	2	65	5	0	72	4	71	6	0	81	201
7:30AM	10	0	19	0	29	11	0	15	0	26	0	48	1	0	49	4	62	2	0	68	172
7:45AM	15	0	21	0	36	16	0	7	0	23	2	59	4	0	65	7	54	1	0	62	186
Total	51	1	101	0	153	57	0	45	0	102	4	261	10	0	275	17	227	10	0	254	784
% Approach	33.3%	0.7%	66.0%	0%	-	55.9%	0%	44.1%	0%	-	1.5%	94.9%	3.6%	0%	-	6.7%	89.4%	3.9%	0%	-	-
% Total	6.5%	0.1%	12.9%	0%	19.5%	7.3%	0%	5.7%	0%	13.0%	0.5%	33.3%	1.3%	0%	35.1%	2.2%	29.0%	1.3%	0%	32.4%	-
PHF	0.797	0.250	0.549	-	0.617	0.838	-	0.750	-	0.823	0.500	0.733	0.500	-	0.772	0.607	0.799	0.417	-	0.784	0.871
Lights and Motorcycles	50	1	99	0	150	57	0	44	0	101	4	255	9	0	268	17	219	10	0	246	765
% Lights and Motorcycles	98.0%	100%	98.0%	0%	98.0%	100%	0%	97.8%	0%	99.0%	100%	97.7%	90.0%	0%	97.5%	100%	96.5%	100%	0%	96.9%	97.6%
Heavy	1	0	2	0	3	0	0	1	0	1	0	6	1	0	7	0	8	0	0	8	19
% Heavy	2.0%	0%	2.0%	0%	2.0%	0%	0%	2.2%	0%	1.0%	0%	2.3%	10.0%	0%	2.5%	0%	3.5%	0%	0%	3.1%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

CARRIGAN RD & HARBOUR DR - TMC

Wed Aug 22, 2018

PM Peak (Aug 22 2018 5PM - 6PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555918, Location: 40.094476, -86.049153, Site Code: I-21

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-08-22																						
5:00PM	6	0	16	0	22	10	0	2	0	12	14	73	14	0	101	19	65	14	0	98	233	
5:15PM	4	1	17	0	22	6	1	8	0	15	9	104	12	0	125	20	77	13	0	110	272	
5:30PM	0	0	14	0	14	5	1	6	0	12	11	99	10	0	120	17	72	15	0	104	250	
5:45PM	4	1	14	0	19	3	2	6	0	11	9	91	15	0	115	20	62	12	0	94	239	
Total	14	2	61	0	77	24	4	22	0	50	43	367	51	0	461	76	276	54	0	406	994	
% Approach	18.2%	2.6%	79.2%	0%	-	48.0%	8.0%	44.0%	0%	-	9.3%	79.6%	11.1%	0%	-	18.7%	68.0%	13.3%	0%	-	-	
% Total	1.4%	0.2%	6.1%	0%	7.7%	2.4%	0.4%	2.2%	0%	5.0%	4.3%	36.9%	5.1%	0%	46.4%	7.6%	27.8%	5.4%	0%	40.8%	-	
PHF	0.583	0.500	0.897		-0.875	0.600	0.500	0.688		-0.833	0.768	0.882	0.850		-0.922	0.950	0.896	0.900		-0.923	0.914	
Lights and Motorcycles	14	2	61	0	77	23	4	22	0	49	43	362	51	0	456	76	274	54	0	404	986	
% Lights and Motorcycles	100%	100%	100%	0%	100%	95.8%	100%	100%	0%	98.0%	100%	98.6%	100%	0%	98.9%	100%	99.3%	100%	0%	99.5%	99.2%	
Heavy	0	0	0	0	0	1	0	0	0	1	0	5	0	0	5	0	2	0	0	2	8	
% Heavy	0%	0%	0%	0%	0%	4.2%	0%	0%	0%	2.0%	0%	1.4%	0%	0%	1.1%	0%	0.7%	0%	0%	0.5%	0.8%	

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(22) 211th Street & Schulley Road
4/16/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES				OFF PEAK HOUR VOLUMES				PM PEAK HOUR VOLUMES			
	BEGINS		6:45 AM		BEGINS				BEGINS		4:45 PM	
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	15	1	7	23					8	2	21	31
SOUTHBOUND	26	6	14	46					31	2	6	39
EASTBOUND	4	257	13	274					12	418	13	443
WESTBOUND	19	276	9	304					18	307	43	368

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.72				0.86	
SOUTHBOUND	0.77	0.93			0.75	0.89
EASTBOUND	0.80				0.89	
WESTBOUND	0.84				0.87	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	2.7%	0.0%	2.6%					0.0%	0.7%	0.0%	0.7%
WESTBOUND	0.0%	4.7%	0.0%	4.3%					0.0%	1.0%	0.0%	0.8%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	5	15	20	99	96	195	215
7:00 AM	TO	8:00 AM	24	48	72	250	307	557	629
8:00 AM	TO	9:00 AM	15	30	45	92	118	210	255
3:00 PM	TO	4:00 PM	11	39	50	253	257	510	560
4:00 PM	TO	5:00 PM	13	42	55	308	307	615	670
5:00 PM	TO	6:00 PM	39	32	71	445	363	808	879
6:00 PM	TO	7:00 PM	10	29	39	374	272	646	685
TOTAL VOLUME			117	235	352	1821	1720	3541	3893
PERCENTAGE			3.0%	6.0%	9.0%	46.8%	44.2%	91.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(22) 211th Street & Schulley Road
4/16/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	3	0	3	1	0	1	1	0	1	5	0	5
7:00 AM - 8:00 AM	13	0	13	0	0	0	11	0	11	24	0	24
8:00 AM - 9:00 AM	6	0	6	2	0	2	7	0	7	15	0	15
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	0	4	1	0	1	6	0	6	11	0	11
4:00 PM - 5:00 PM	4	0	4	1	0	1	8	0	8	13	0	13
5:00 PM - 6:00 PM	13	0	13	2	0	2	24	0	24	39	0	39
6:00 PM - 7:00 PM	4	0	4	0	0	0	6	0	6	10	0	10
PASSENGER	47 100.0%			7 100.0%			63 100.0%			117 100.0%		
TRUCK	0 0.0%			0 0.0%			0 0.0%			0 0.0%		
BOTH	47 40.2%			7 6.0%			63 53.8%			117 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	8	0	8	4	0	4	3	0	3	15	0	15
7:00 AM - 8:00 AM	30	0	30	3	0	3	15	0	15	48	0	48
8:00 AM - 9:00 AM	19	0	19	1	0	1	10	0	10	30	0	30
PM TIME PERIOD												
3:00 PM - 4:00 PM	27	2	29	0	0	0	10	0	10	37	2	39
4:00 PM - 5:00 PM	28	1	29	2	0	2	11	0	11	41	1	42
5:00 PM - 6:00 PM	25	0	25	1	0	1	6	0	6	32	0	32
6:00 PM - 7:00 PM	16	0	16	1	0	1	12	0	12	29	0	29
PASSENGER	153 98.1%			12 100.0%			67 100.0%			232 98.7%		
TRUCK	3 1.9%			0 0.0%			0 0.0%			3 1.3%		
BOTH	156 66.4%			12 5.1%			67 28.5%			235 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	91	3	94	4	0	4	96	3	99
7:00 AM - 8:00 AM	4	0	4	231	4	235	11	0	11	246	4	250
8:00 AM - 9:00 AM	2	0	2	82	3	85	5	0	5	89	3	92
PM TIME PERIOD												
3:00 PM - 4:00 PM	13	0	13	218	18	236	4	0	4	235	18	253
4:00 PM - 5:00 PM	17	0	17	277	8	285	6	0	6	300	8	308
5:00 PM - 6:00 PM	11	0	11	421	3	424	10	0	10	442	3	445
6:00 PM - 7:00 PM	24	0	24	341	2	343	7	0	7	372	2	374
PASSENGER	72 100.0%			1661 97.6%			47 100.0%			1780 97.7%		
TRUCK	0 0.0%			41 2.4%			0 0.0%			41 2.3%		
BOTH	72 4.0%			1702 93.5%			47 2.6%			1821 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	85	8	93	0	1	1	87	9	96
7:00 AM - 8:00 AM	20	0	20	265	10	275	12	0	12	297	10	307
8:00 AM - 9:00 AM	6	0	6	102	1	103	8	1	9	116	2	118
PM TIME PERIOD												
3:00 PM - 4:00 PM	10	0	10	207	14	221	26	0	26	243	14	257
4:00 PM - 5:00 PM	11	0	11	259	5	264	32	0	32	302	5	307
5:00 PM - 6:00 PM	15	0	15	306	1	307	41	0	41	362	1	363
6:00 PM - 7:00 PM	6	0	6	241	1	242	24	0	24	271	1	272
PASSENGER	70 100.0%			1465 97.3%			143 98.6%			1678 97.6%		
TRUCK	0 0.0%			40 2.7%			2 1.4%			42 2.4%		
BOTH	70 4.1%			1505 87.5%			145 8.4%			1720 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(23) 211th Street & Mill Creek Road
8/22/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0	0	0	0					0	0	0	0
SOUTHBOUND	21	0	31	52					32	0	23	55
EASTBOUND	21	223	0	244					26	390	0	416
WESTBOUND	0	273	15	288					0	267	25	292

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	#DIV/0!				#DIV/0!	
SOUTHBOUND	0.72	0.86			0.92	0.93
EASTBOUND	0.75				0.95	
WESTBOUND	0.71				0.84	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	4.8%	0.0%	9.7%	7.7%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	9.5%	4.0%	0.0%	4.5%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	3.3%	6.7%	3.5%					0.0%	0.4%	0.0%	0.3%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	18	18	119	104	223	241
7:00 AM	TO	8:00 AM	0	52	52	244	288	532	584
8:00 AM	TO	9:00 AM	0	21	21	100	139	239	260
3:00 PM	TO	4:00 PM	0	41	41	215	215	430	471
4:00 PM	TO	5:00 PM	1	48	49	348	258	606	655
5:00 PM	TO	6:00 PM	0	55	55	416	292	708	763
6:00 PM	TO	7:00 PM	0	44	44	280	189	469	513
TOTAL VOLUME			1	279	280	1722	1485	3207	3487
PERCENTAGE			0.0%	8.0%	8.0%	49.4%	42.6%	92.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(23) 211th Street & Mill Creek Road
8/22/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM - 9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM - 5:00 PM	1	0	1	0	0	0	0	0	0	1	0	1
5:00 PM - 6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM - 7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
PASSENGER	1 100.0%			0 #DIV/0!			0 #DIV/0!			1 100.0%		
TRUCK	0 0.0%			0 #DIV/0!			0 #DIV/0!			0 0.0%		
BOTH	1 100.0%			0 0.0%			0 0.0%			1 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	6	0	6	0	0	0	12	0	12	18	0	18
7:00 AM - 8:00 AM	20	1	21	0	0	0	28	3	31	48	4	52
8:00 AM - 9:00 AM	7	0	7	0	0	0	12	2	14	19	2	21
PM TIME PERIOD												
3:00 PM - 4:00 PM	16	2	18	0	0	0	23	0	23	39	2	41
4:00 PM - 5:00 PM	23	0	23	0	0	0	25	0	25	48	0	48
5:00 PM - 6:00 PM	32	0	32	0	0	0	23	0	23	55	0	55
6:00 PM - 7:00 PM	24	0	24	0	0	0	20	0	20	44	0	44
PASSENGER	128 97.7%			0 #DIV/0!			143 96.6%			271 97.1%		
TRUCK	3 2.3%			0 #DIV/0!			5 3.4%			8 2.9%		
BOTH	131 47.0%			0 0.0%			148 53.0%			279 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	12	0	12	104	3	107	0	0	0	116	3	119
7:00 AM - 8:00 AM	19	2	21	214	9	223	0	0	0	233	11	244
8:00 AM - 9:00 AM	16	2	18	79	3	82	0	0	0	95	5	100
PM TIME PERIOD												
3:00 PM - 4:00 PM	25	1	26	184	5	189	0	0	0	209	6	215
4:00 PM - 5:00 PM	28	1	29	313	6	319	0	0	0	341	7	348
5:00 PM - 6:00 PM	26	0	26	390	0	390	0	0	0	416	0	416
6:00 PM - 7:00 PM	24	0	24	254	2	256	0	0	0	278	2	280
PASSENGER	150 96.2%			1538 98.2%			0 #DIV/0!			1688 98.0%		
TRUCK	6 3.8%			28 1.8%			0 #DIV/0!			34 2.0%		
BOTH	156 9.1%			1566 90.9%			0 0.0%			1722 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	95	5	100	4	0	4	99	5	104
7:00 AM - 8:00 AM	0	0	0	264	9	273	14	1	15	278	10	288
8:00 AM - 9:00 AM	0	0	0	131	0	131	8	0	8	139	0	139
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	193	3	196	19	0	19	212	3	215
4:00 PM - 5:00 PM	0	0	0	235	1	236	22	0	22	257	1	258
5:00 PM - 6:00 PM	0	0	0	266	1	267	25	0	25	291	1	292
6:00 PM - 7:00 PM	0	0	0	168	1	169	20	0	20	188	1	189
PASSENGER	0 #DIV/0!			1352 98.5%			112 99.1%			1464 98.6%		
TRUCK	0 #DIV/0!			20 1.5%			1 0.9%			21 1.4%		
BOTH	0 0.0%			1372 92.4%			113 7.6%			1485 100.0%		

LITTLE CHICAGO RD & CARRIGAN RD - TMC

Wed Aug 22, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555915, Location: 40.094161, -86.071279, Site Code: I-24

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-22 3:00PM	12	63	0	75	6	7	0	13	39	8	0	47	135
3:15PM	17	74	0	91	9	16	0	25	54	9	0	63	179
3:30PM	10	65	0	75	18	16	0	34	50	11	0	61	170
3:45PM	15	60	0	75	16	17	0	33	30	5	0	35	143
Hourly Total	54	262	0	316	49	56	0	105	173	33	0	206	627
4:00PM	12	68	0	80	18	9	0	27	51	4	0	55	162
4:15PM	16	100	0	116	16	13	0	29	45	14	0	59	204
4:30PM	18	76	0	94	25	17	0	42	66	9	0	75	211
4:45PM	13	110	0	123	26	13	0	39	49	9	0	58	220
Hourly Total	59	354	0	413	85	52	0	137	211	36	0	247	797
5:00PM	18	91	0	109	29	15	0	44	60	10	0	70	223
5:15PM	20	120	0	140	34	21	0	55	64	12	0	76	271
5:30PM	25	104	0	129	28	18	0	46	58	8	0	66	241
5:45PM	17	133	0	150	29	17	0	46	55	14	0	69	265
Hourly Total	80	448	0	528	120	71	0	191	237	44	0	281	1000
6:00PM	9	96	0	105	32	12	0	44	45	11	0	56	205
6:15PM	11	96	0	107	26	12	0	38	52	18	0	70	215
6:30PM	14	76	0	90	22	8	0	30	46	12	0	58	178
6:45PM	15	92	0	107	21	14	0	35	36	17	0	53	195
Hourly Total	49	360	0	409	101	46	0	147	179	58	0	237	793
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-23 6:30AM	4	22	0	26	9	15	0	24	51	12	0	63	113
6:45AM	8	30	0	38	15	16	0	31	74	11	0	85	154
Hourly Total	12	52	0	64	24	31	0	55	125	23	0	148	267
7:00AM	5	50	0	55	17	10	0	27	100	12	0	112	194
7:15AM	3	37	0	40	17	19	0	36	110	17	0	127	203
7:30AM	8	28	0	36	9	33	0	42	118	13	0	131	209
7:45AM	5	42	0	47	8	14	0	22	81	23	0	104	173
Hourly Total	21	157	0	178	51	76	0	127	409	65	0	474	779
8:00AM	7	37	0	44	11	10	0	21	95	14	0	109	174
8:15AM	5	25	0	30	13	22	0	35	96	17	0	113	178
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	12	62	0	74	24	32	0	56	191	31	0	222	352
Total	287	1695	0	1982	454	364	0	818	1525	290	0	1815	4615
% Approach	14.5%	85.5%	0%	-	55.5%	44.5%	0%	-	84.0%	16.0%	0%	-	-
% Total	6.2%	36.7%	0%	42.9%	9.8%	7.9%	0%	17.7%	33.0%	6.3%	0%	39.3%	-
Lights and Motorcycles	280	1674	0	1954	440	351	0	791	1508	283	0	1791	4536
% Lights and Motorcycles	97.6%	98.8%	0%	98.6%	96.9%	96.4%	0%	96.7%	98.9%	97.6%	0%	98.7%	98.3%
Heavy	7	21	0	28	14	13	0	27	17	7	0	24	79
% Heavy	2.4%	1.2%	0%	1.4%	3.1%	3.6%	0%	3.3%	1.1%	2.4%	0%	1.3%	1.7%

*L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO RD & CARRIGAN RD - TMC

Thu Aug 23, 2018

AM Peak (Aug 23 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555915, Location: 40.094161, -86.071279, Site Code: I-24

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-23 7:00AM	5	50	0	55	17	10	0	27	100	12	0	112	194
7:15AM	3	37	0	40	17	19	0	36	110	17	0	127	203
7:30AM	8	28	0	36	9	33	0	42	118	13	0	131	209
7:45AM	5	42	0	47	8	14	0	22	81	23	0	104	173
Total	21	157	0	178	51	76	0	127	409	65	0	474	779
% Approach	11.8%	88.2%	0%	-	40.2%	59.8%	0%	-	86.3%	13.7%	0%	-	-
% Total	2.7%	20.2%	0%	22.8%	6.5%	9.8%	0%	16.3%	52.5%	8.3%	0%	60.8%	-
PHF	0.656	0.785	-	0.809	0.750	0.576	-	0.756	0.867	0.707	-	0.905	0.932
Lights and Motorcycles	20	153	0	173	46	73	0	119	403	64	0	467	759
% Lights and Motorcycles	95.2%	97.5%	0%	97.2%	90.2%	96.1%	0%	93.7%	98.5%	98.5%	0%	98.5%	97.4%
Heavy	1	4	0	5	5	3	0	8	6	1	0	7	20
% Heavy	4.8%	2.5%	0%	2.8%	9.8%	3.9%	0%	6.3%	1.5%	1.5%	0%	1.5%	2.6%

* L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO RD & CARRIGAN RD - TMC

Wed Aug 22, 2018

PM Peak (Aug 22 2018 5PM - 6PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555915, Location: 40.094161, -86.071279, Site Code: I-24

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-22 5:00PM	18	91	0	109	29	15	0	44	60	10	0	70	223
5:15PM	20	120	0	140	34	21	0	55	64	12	0	76	271
5:30PM	25	104	0	129	28	18	0	46	58	8	0	66	241
5:45PM	17	133	0	150	29	17	0	46	55	14	0	69	265
Total	80	448	0	528	120	71	0	191	237	44	0	281	1000
% Approach	15.2%	84.8%	0%	-	62.8%	37.2%	0%	-	84.3%	15.7%	0%	-	-
% Total	8.0%	44.8%	0%	52.8%	12.0%	7.1%	0%	19.1%	23.7%	4.4%	0%	28.1%	-
PHF	0.800	0.842	-	0.880	0.882	0.845	-	0.868	0.926	0.786	-	0.924	0.923
Lights and Motorcycles	80	447	0	527	118	71	0	189	236	44	0	280	996
% Lights and Motorcycles	100%	99.8%	0%	99.8%	98.3%	100%	0%	99.0%	99.6%	100%	0%	99.6%	99.6%
Heavy	0	1	0	1	2	0	0	2	1	0	0	1	4
% Heavy	0%	0.2%	0%	0.2%	1.7%	0%	0%	1.0%	0.4%	0%	0%	0.4%	0.4%

* L: Left, R: Right, T: Thru, U: U-Turn

CARRIGAN RD & HAGUE RD - TMC

Wed Aug 22, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555913, Location: 40.090776, -86.033385, Site Code: I-25

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-22 3:00PM	55	31	1	87	16	15	0	31	11	54	2	67	185
3:15PM	52	17	0	69	15	21	2	38	18	48	1	67	174
3:30PM	65	26	2	93	27	9	2	38	22	71	1	94	225
3:45PM	76	27	0	103	17	10	0	27	21	61	1	83	213
Hourly Total	248	101	3	352	75	55	4	134	72	234	5	311	797
4:00PM	66	31	0	97	14	10	0	24	14	49	0	63	184
4:15PM	94	40	0	134	21	14	0	35	29	76	0	105	274
4:30PM	82	43	1	126	17	23	0	40	33	77	0	110	276
4:45PM	74	59	0	133	28	12	0	40	36	79	4	119	292
Hourly Total	316	173	1	490	80	59	0	139	112	281	4	397	1026
5:00PM	92	40	2	134	15	17	2	34	30	81	0	111	279
5:15PM	91	53	0	144	20	22	0	42	38	86	1	125	311
5:30PM	73	26	0	99	20	38	0	58	36	87	1	124	281
5:45PM	91	36	1	128	27	16	0	43	40	68	1	109	280
Hourly Total	347	155	3	505	82	93	2	177	144	322	3	469	1151
6:00PM	80	39	0	119	16	15	1	32	26	56	1	83	234
6:15PM	82	27	0	109	21	19	0	40	24	88	0	112	261
6:30PM	88	36	0	124	19	12	0	31	17	59	1	77	232
6:45PM	71	47	0	118	17	16	0	33	35	55	0	90	241
Hourly Total	321	149	0	470	73	62	1	136	102	258	2	362	968
2018-08-23 6:30AM	17	8	0	25	9	16	0	25	6	62	0	68	118
6:45AM	17	11	0	28	27	21	0	48	9	93	0	102	178
Hourly Total	34	19	0	53	36	37	0	73	15	155	0	170	296
7:00AM	18	7	0	25	11	19	1	31	10	166	1	177	233
7:15AM	42	8	1	51	16	20	1	37	12	99	0	111	199
7:30AM	36	4	0	40	15	29	0	44	7	90	0	97	181
7:45AM	38	9	0	47	16	20	0	36	9	103	1	113	196
Hourly Total	134	28	1	163	58	88	2	148	38	458	2	498	809
8:00AM	37	12	0	49	15	18	0	33	12	81	2	95	177
8:15AM	41	10	3	54	16	15	0	31	10	70	0	80	165
Hourly Total	78	22	3	103	31	33	0	64	22	151	2	175	342
Total	1478	647	11	2136	435	427	9	871	505	1859	18	2382	5389
% Approach	69.2%	30.3%	0.5%	-	49.9%	49.0%	1.0%	-	21.2%	78.0%	0.8%	-	-
% Total	27.4%	12.0%	0.2%	39.6%	8.1%	7.9%	0.2%	16.2%	9.4%	34.5%	0.3%	44.2%	-
Lights and Motorcycles	1452	634	11	2097	429	420	9	858	501	1814	17	2332	5287
% Lights and Motorcycles	98.2%	98.0%	100%	98.2%	98.6%	98.4%	100%	98.5%	99.2%	97.6%	94.4%	97.9%	98.1%
Heavy	26	13	0	39	6	7	0	13	4	45	1	50	102
% Heavy	1.8%	2.0%	0%	1.8%	1.4%	1.6%	0%	1.5%	0.8%	2.4%	5.6%	2.1%	1.9%

* L: Left, R: Right, T: Thru, U: U-Turn

CARRIGAN RD & HAGUE RD - TMC

Thu Aug 23, 2018

AM Peak (Aug 23 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555913, Location: 40.090776, -86.033385, Site Code: I-25

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-23 7:00AM	18	7	0	25	11	19	1	31	10	166	1	177	233
7:15AM	42	8	1	51	16	20	1	37	12	99	0	111	199
7:30AM	36	4	0	40	15	29	0	44	7	90	0	97	181
7:45AM	38	9	0	47	16	20	0	36	9	103	1	113	196
Total	134	28	1	163	58	88	2	148	38	458	2	498	809
% Approach	82.2%	17.2%	0.6%	-	39.2%	59.5%	1.4%	-	7.6%	92.0%	0.4%	-	-
% Total	16.6%	3.5%	0.1%	20.1%	7.2%	10.9%	0.2%	18.3%	4.7%	56.6%	0.2%	61.6%	-
PHF	0.798	0.778	0.250	0.799	0.906	0.759	0.500	0.841	0.792	0.690	0.500	0.703	0.868
Lights and Motorcycles	125	26	1	152	56	87	2	145	37	448	2	487	784
% Lights and Motorcycles	93.3%	92.9%	100%	93.3%	96.6%	98.9%	100%	98.0%	97.4%	97.8%	100%	97.8%	96.9%
Heavy	9	2	0	11	2	1	0	3	1	10	0	11	25
% Heavy	6.7%	7.1%	0%	6.7%	3.4%	1.1%	0%	2.0%	2.6%	2.2%	0%	2.2%	3.1%

* L: Left, R: Right, T: Thru, U: U-Turn

CARRIGAN RD & HAGUE RD - TMC

Wed Aug 22, 2018

PM Peak (Aug 22 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555913, Location: 40.090776, -86.033385, Site Code: I-

25

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-22 4:45PM	74	59	0	133	28	12	0	40	36	79	4	119	292
5:00PM	92	40	2	134	15	17	2	34	30	81	0	111	279
5:15PM	91	53	0	144	20	22	0	42	38	86	1	125	311
5:30PM	73	26	0	99	20	38	0	58	36	87	1	124	281
Total	330	178	2	510	83	89	2	174	140	333	6	479	1163
% Approach	64.7%	34.9%	0.4%	-	47.7%	51.1%	1.1%	-	29.2%	69.5%	1.3%	-	-
% Total	28.4%	15.3%	0.2%	43.9%	7.1%	7.7%	0.2%	15.0%	12.0%	28.6%	0.5%	41.2%	-
PHF	0.897	0.754	0.250	0.885	0.741	0.586	0.250	0.750	0.921	0.957	0.375	0.958	0.935
Lights and Motorcycles	329	176	2	507	83	89	2	174	140	327	6	473	1154
% Lights and Motorcycles	99.7%	98.9%	100%	99.4%	100%	100%	100%	100%	100%	98.2%	100%	98.7%	99.2%
Heavy	1	2	0	3	0	0	0	0	0	6	0	6	9
% Heavy	0.3%	1.1%	0%	0.6%	0%	0%	0%	0%	0%	1.8%	0%	1.3%	0.8%

* L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & HAGUE RD - TMC

Thu Mar 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636992, Location: 40.087146, -86.033381, Site Code: i-26



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-03-14 6:30AM	16	5	0	21	35	26	0	61	8	8	0	16	98
6:45AM	9	13	0	22	100	35	0	135	5	12	0	17	174
Hourly Total	25	18	0	43	135	61	0	196	13	20	0	33	272
7:00AM	12	15	0	27	120	53	0	173	6	15	0	21	221
7:15AM	37	18	0	55	63	52	0	115	13	21	0	34	204
7:30AM	17	9	0	26	78	26	0	104	8	22	0	30	160
7:45AM	11	5	0	16	53	47	0	100	6	19	0	25	141
Hourly Total	77	47	0	124	314	178	0	492	33	77	0	110	726
8:00AM	19	4	0	23	56	35	0	91	11	20	0	31	145
8:15AM	17	9	0	26	49	26	0	75	8	20	0	28	129
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	36	13	0	49	105	61	0	166	19	40	0	59	274
3:00PM	44	9	0	53	32	29	0	61	4	43	0	47	161
3:15PM	44	12	0	56	28	31	0	59	8	38	0	46	161
3:30PM	32	10	0	42	46	17	0	63	3	45	0	48	153
3:45PM	40	7	0	47	40	35	0	75	6	43	0	49	171
Hourly Total	160	38	0	198	146	112	0	258	21	169	0	190	646
4:00PM	53	21	0	74	52	46	0	98	11	52	0	63	235
4:15PM	43	11	0	54	41	57	0	98	3	52	0	55	207
4:30PM	84	17	0	101	33	34	0	67	5	53	0	58	226
4:45PM	74	17	0	91	41	37	0	78	7	59	0	66	235
Hourly Total	254	66	0	320	167	174	0	341	26	216	0	242	903
5:00PM	64	32	0	96	49	31	0	80	7	39	0	46	222
5:15PM	59	22	0	81	58	41	0	99	8	64	0	72	252
5:30PM	65	22	0	87	53	43	0	96	9	54	0	63	246
5:45PM	62	16	0	78	42	41	0	83	7	60	0	67	228
Hourly Total	250	92	0	342	202	156	0	358	31	217	0	248	948
6:00PM	53	13	0	66	41	38	0	79	9	59	0	68	213
6:15PM	49	1	0	50	44	31	0	75	8	47	0	55	180
6:30PM	38	6	0	44	41	44	0	85	4	40	0	44	173
6:45PM	49	6	0	55	34	30	0	64	6	33	0	39	158
Hourly Total	189	26	0	215	160	143	0	303	27	179	0	206	724
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	991	300	0	1291	1229	885	0	2114	170	918	0	1088	4493
% Approach	76.8%	23.2%	0%	-	58.1%	41.9%	0%	-	15.6%	84.4%	0%	-	-
% Total	22.1%	6.7%	0%	28.7%	27.4%	19.7%	0%	47.1%	3.8%	20.4%	0%	24.2%	-
Lights and Motorcycles	969	285	0	1254	1212	848	0	2060	161	906	0	1067	4381
% Lights and Motorcycles	97.8%	95.0%	0%	97.1%	98.6%	95.8%	0%	97.4%	94.7%	98.7%	0%	98.1%	97.5%
Heavy	22	15	0	37	17	37	0	54	9	12	0	21	112
% Heavy	2.2%	5.0%	0%	2.9%	1.4%	4.2%	0%	2.6%	5.3%	1.3%	0%	1.9%	2.5%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & HAGUE RD - TMC

Thu Mar 14, 2019

AM Peak (6:45 AM - 7:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636992, Location: 40.087146, -86.033381, Site Code: i-26



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-03-14 6:45AM	9	13	0	22	100	35	0	135	5	12	0	17	174
7:00AM	12	15	0	27	120	53	0	173	6	15	0	21	221
7:15AM	37	18	0	55	63	52	0	115	13	21	0	34	204
7:30AM	17	9	0	26	78	26	0	104	8	22	0	30	160
Total	75	55	0	130	361	166	0	527	32	70	0	102	759
% Approach	57.7%	42.3%	0%	-	68.5%	31.5%	0%	-	31.4%	68.6%	0%	-	-
% Total	9.9%	7.2%	0%	17.1%	47.6%	21.9%	0%	69.4%	4.2%	9.2%	0%	13.4%	-
PHF	0.507	0.764	-	0.591	0.752	0.783	-	0.762	0.615	0.795	-	0.750	0.859
Lights and Motorcycles	69	49	0	118	355	159	0	514	30	66	0	96	728
% Lights and Motorcycles	92.0%	89.1%	0%	90.8%	98.3%	95.8%	0%	97.5%	93.8%	94.3%	0%	94.1%	95.9%
Heavy	6	6	0	12	6	7	0	13	2	4	0	6	31
% Heavy	8.0%	10.9%	0%	9.2%	1.7%	4.2%	0%	2.5%	6.3%	5.7%	0%	5.9%	4.1%

* L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & HAGUE RD - TMC

Thu Mar 14, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636992, Location: 40.087146, -86.033381, Site Code: i-26



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-03-14 4:45PM	74	17	0	91	41	37	0	78	7	59	0	66	235
5:00PM	64	32	0	96	49	31	0	80	7	39	0	46	222
5:15PM	59	22	0	81	58	41	0	99	8	64	0	72	252
5:30PM	65	22	0	87	53	43	0	96	9	54	0	63	246
Total	262	93	0	355	201	152	0	353	31	216	0	247	955
% Approach	73.8%	26.2%	0%	-	56.9%	43.1%	0%	-	12.6%	87.4%	0%	-	-
% Total	27.4%	9.7%	0%	37.2%	21.0%	15.9%	0%	37.0%	3.2%	22.6%	0%	25.9%	-
PHF	0.885	0.727	-	0.924	0.866	0.884	-	0.891	0.861	0.844	-	0.858	0.947
Lights and Motorcycles	260	90	0	350	199	151	0	350	30	216	0	246	946
% Lights and Motorcycles	99.2%	96.8%	0%	98.6%	99.0%	99.3%	0%	99.2%	96.8%	100%	0%	99.6%	99.1%
Heavy	2	3	0	5	2	1	0	3	1	0	0	1	9
% Heavy	0.8%	3.2%	0%	1.4%	1.0%	0.7%	0%	0.8%	3.2%	0%	0%	0.4%	0.9%

* L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & JAMES RD - TMC

Thu Mar 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636994, Location: 40.087362, -86.023979, Site Code: i-27



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-03-14																									
6:30AM	1	1	0	0	2	0	0	0	0	0	0	45	0	0	45	1	15	0	0	16	63				
6:45AM	0	0	1	0	1	0	0	0	0	0	0	103	0	0	103	1	18	0	0	19	123				
Hourly Total	1	1	1	0	3	0	0	0	0	0	0	148	0	0	148	2	33	0	0	35	186				
7:00AM	0	0	0	0	0	2	0	0	0	2	0	150	0	0	150	3	24	1	0	28	180				
7:15AM	2	0	2	0	4	0	0	0	0	0	0	90	1	0	91	1	33	0	0	34	129				
7:30AM	0	0	1	0	1	1	1	0	0	2	0	77	1	0	78	2	29	0	0	31	112				
7:45AM	0	0	4	0	4	0	0	0	0	0	0	66	0	0	66	2	26	0	0	28	98				
Hourly Total	2	0	7	0	9	3	1	0	0	4	0	383	2	0	385	8	112	1	0	121	519				
8:00AM	0	0	2	0	2	0	0	0	0	0	0	51	0	0	51	0	30	0	0	30	83				
8:15AM	0	0	0	0	0	1	0	0	0	1	1	69	0	0	70	1	28	1	0	30	101				
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hourly Total	0	0	2	0	2	1	0	0	0	1	1	120	0	0	121	1	58	1	0	60	184				
3:00PM	0	0	0	0	0	2	1	0	0	3	0	39	1	0	40	0	48	0	0	48	91				
3:15PM	2	0	2	0	4	0	0	0	0	0	0	40	0	0	40	1	43	2	0	46	90				
3:30PM	1	0	0	0	1	0	0	0	0	0	0	50	2	0	52	3	47	1	0	51	104				
3:45PM	0	1	2	0	3	0	0	0	0	0	0	50	1	0	51	1	49	1	0	51	105				
Hourly Total	3	1	4	0	8	2	1	0	0	3	0	179	4	0	183	5	187	4	0	196	390				
4:00PM	0	0	0	0	0	0	1	0	0	1	0	69	0	0	69	2	61	2	0	65	135				
4:15PM	0	0	0	0	0	0	0	0	0	0	1	54	0	0	55	0	54	0	0	54	109				
4:30PM	0	0	0	0	0	1	0	0	0	1	0	50	0	0	50	3	58	0	0	61	112				
4:45PM	1	0	0	0	1	0	0	0	0	0	0	55	0	0	55	0	66	0	0	66	122				
Hourly Total	1	0	0	0	1	1	1	0	0	2	1	228	0	0	229	5	239	2	0	246	478				
5:00PM	1	1	0	0	2	0	1	0	0	1	0	76	1	0	77	1	61	0	0	62	142				
5:15PM	1	0	2	0	3	0	0	0	0	0	0	80	2	0	82	0	72	0	0	72	157				
5:30PM	1	0	4	0	5	1	0	0	0	1	0	67	1	0	68	5	63	0	0	68	142				
5:45PM	1	0	2	0	3	0	0	0	0	0	0	59	0	0	59	1	64	0	0	65	127				
Hourly Total	4	1	8	0	13	1	1	0	0	2	0	282	4	0	286	7	260	0	0	267	568				
6:00PM	1	0	0	0	1	0	0	0	0	0	0	63	0	0	63	3	63	0	0	66	130				
6:15PM	0	0	3	0	3	0	0	0	0	0	0	40	2	0	42	3	57	1	0	61	106				
6:30PM	1	1	1	0	3	0	0	0	0	0	0	51	1	0	52	0	41	1	0	42	97				
6:45PM	0	1	0	0	1	0	0	0	0	0	0	43	0	0	43	1	40	1	0	42	86				
Hourly Total	2	2	4	0	8	0	0	0	0	0	0	197	3	0	200	7	201	3	0	211	419				
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Total	13	5	26	0	44	8	4	0	0	12	2	1537	13	0	1552	35	1090	11	0	1136	2744				
% Approach	29.5%	11.4%	59.1%	0%	-	66.7%	33.3%	0%	0%	-	0.1%	99.0%	0.8%	0%	-	3.1%	96.0%	1.0%	0%	-	-				
% Total	0.5%	0.2%	0.9%	0%	1.6%	0.3%	0.1%	0%	0%	0.4%	0.1%	56.0%	0.5%	0%	56.6%	1.3%	39.7%	0.4%	0%	41.4%	-				
Lights and Motorcycles	12	4	25	0	41	8	4	0	0	12	2	1505	13	0	1520	33	1071	11	0	1115	2688				
% Lights and Motorcycles	92.3%	80.0%	96.2%	0%	93.2%	100%	100%	0%	0%	100%	100%	97.9%	100%	0%	97.9%	94.3%	98.3%	100%	0%	98.2%	98.0%				
Heavy	1	1	1	0	3	0	0	0	0	0	0	32	0	0	32	2	19	0	0	21	56				
% Heavy	7.7%	20.0%	3.8%	0%	6.8%	0%	0%	0%	0%	0%	0%	2.1%	0%	0%	2.1%	5.7%	1.7%	0%	0%	1.8%	2.0%				

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & JAMES RD - TMC

Thu Mar 14, 2019

AM Peak (6:45 AM - 7:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636994, Location: 40.087362, -86.023979, Site Code: i-27



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-14 6:45AM	0	0	1	0	1	0	0	0	0	0	0	103	0	0	103	1	18	0	0	19	123
7:00AM	0	0	0	0	0	2	0	0	0	2	0	150	0	0	150	3	24	1	0	28	180
7:15AM	2	0	2	0	4	0	0	0	0	0	0	90	1	0	91	1	33	0	0	34	129
7:30AM	0	0	1	0	1	1	1	0	0	2	0	77	1	0	78	2	29	0	0	31	112
Total	2	0	4	0	6	3	1	0	0	4	0	420	2	0	422	7	104	1	0	112	544
% Approach	33.3%	0%	66.7%	0%	-	75.0%	25.0%	0%	0%	-	0%	99.5%	0.5%	0%	-	6.3%	92.9%	0.9%	0%	-	-
% Total	0.4%	0%	0.7%	0%	1.1%	0.6%	0.2%	0%	0%	0.7%	0%	77.2%	0.4%	0%	77.6%	1.3%	19.1%	0.2%	0%	20.6%	-
PHF	0.250	-	0.500	-	0.375	0.375	0.250	-	-	0.500	-	0.700	0.500	-	0.703	0.583	0.788	0.250	-	0.824	0.756
Lights and Motorcycles	2	0	4	0	6	3	1	0	0	4	0	407	2	0	409	6	98	1	0	105	524
% Lights and Motorcycles	100%	0%	100%	0%	100%	100%	100%	0%	0%	100%	0%	96.9%	100%	0%	96.9%	85.7%	94.2%	100%	0%	93.8%	96.3%
Heavy	0	0	0	0	0	0	0	0	0	0	0	13	0	0	13	1	6	0	0	7	20
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3.1%	0%	0%	3.1%	14.3%	5.8%	0%	0%	6.3%	3.7%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & JAMES RD - TMC

Thu Mar 14, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636994, Location: 40.087362, -86.023979, Site Code: i-27



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-14 5:00PM	1	1	0	0	2	0	1	0	0	1	0	76	1	0	77	1	61	0	0	62	142
5:15PM	1	0	2	0	3	0	0	0	0	0	0	80	2	0	82	0	72	0	0	72	157
5:30PM	1	0	4	0	5	1	0	0	0	1	0	67	1	0	68	5	63	0	0	68	142
5:45PM	1	0	2	0	3	0	0	0	0	0	0	59	0	0	59	1	64	0	0	65	127
Total	4	1	8	0	13	1	1	0	0	2	0	282	4	0	286	7	260	0	0	267	568
% Approach	30.8%	7.7%	61.5%	0%	-	50.0%	50.0%	0%	0%	-	0%	98.6%	1.4%	0%	-	2.6%	97.4%	0%	0%	-	-
% Total	0.7%	0.2%	1.4%	0%	2.3%	0.2%	0.2%	0%	0%	0.4%	0%	49.6%	0.7%	0%	50.4%	1.2%	45.8%	0%	0%	47.0%	-
PHF	1.000	0.250	0.500	-	0.650	0.250	0.250	-	-	0.500	-	0.881	0.500	-	0.872	0.350	0.903	-	-	0.927	0.904
Lights and Motorcycles	4	1	8	0	13	1	1	0	0	2	0	280	4	0	284	7	259	0	0	266	565
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	0%	0%	100%	0%	99.3%	100%	0%	99.3%	100%	99.6%	0%	0%	99.6%	99.5%
Heavy	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	1	0	0	1	3
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.7%	0%	0%	0.7%	0%	0.4%	0%	0%	0.4%	0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 19 - TMC

Thu Mar 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636993, Location: 40.087597, -86.014323, Site Code: i-28



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-14																					
6:30AM	2	13	2	0	17	42	63	3	0	108	4	34	9	1	48	9	12	5	0	26	199
6:45AM	5	24	6	0	35	26	66	3	0	95	8	44	39	0	91	15	9	14	0	38	259
Hourly Total	7	37	8	0	52	68	129	6	0	203	12	78	48	1	139	24	21	19	0	64	458
7:00AM	2	28	5	0	35	31	61	5	0	97	11	72	67	0	150	8	20	11	0	39	321
7:15AM	3	22	3	0	28	21	77	1	0	99	9	61	22	0	92	15	26	10	0	51	270
7:30AM	5	22	5	0	32	43	124	6	0	173	8	47	20	0	75	19	22	17	0	58	338
7:45AM	4	20	5	0	29	31	101	2	0	134	6	45	24	0	75	19	22	4	0	45	283
Hourly Total	14	92	18	0	124	126	363	14	0	503	34	225	133	0	392	61	90	42	0	193	1212
8:00AM	3	25	3	0	31	26	67	9	0	102	4	40	11	0	55	9	21	6	0	36	224
8:15AM	2	30	4	0	36	29	72	3	0	104	5	44	17	0	66	13	22	8	0	43	249
8:30AM	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	2
Hourly Total	5	55	7	0	67	55	139	12	0	206	10	85	28	0	123	22	43	14	0	79	475
3:00PM	13	56	8	0	77	19	49	8	0	76	9	24	10	0	43	4	26	20	0	50	246
3:15PM	12	57	13	0	82	24	56	5	0	85	8	30	6	0	44	6	32	20	0	58	269
3:30PM	17	61	6	0	84	20	47	2	0	69	3	42	5	0	50	7	30	26	0	63	266
3:45PM	14	51	7	0	72	19	48	6	0	73	3	36	10	0	49	5	35	22	0	62	256
Hourly Total	56	225	34	0	315	82	200	21	0	303	23	132	31	0	186	22	123	88	0	233	1037
4:00PM	10	72	7	0	89	24	36	4	0	64	6	48	17	0	71	14	45	30	0	89	313
4:15PM	18	66	8	0	92	16	43	3	0	62	8	39	10	0	57	7	38	27	0	72	283
4:30PM	18	87	3	0	108	23	44	5	0	72	9	30	12	0	51	5	34	23	0	62	293
4:45PM	14	94	5	0	113	20	39	10	0	69	10	33	13	0	56	9	42	39	0	90	328
Hourly Total	60	319	23	0	402	83	162	22	0	267	33	150	52	0	235	35	159	119	0	313	1217
5:00PM	25	78	19	0	122	27	60	2	0	89	11	59	10	0	80	7	34	21	0	62	353
5:15PM	19	79	7	0	105	28	54	4	0	86	12	50	14	0	76	12	48	36	0	96	363
5:30PM	13	65	7	0	85	36	42	2	0	80	9	49	17	0	75	8	52	28	0	88	328
5:45PM	24	74	19	0	117	25	47	4	0	76	8	46	9	0	63	8	36	29	0	73	329
Hourly Total	81	296	52	0	429	116	203	12	0	331	40	204	50	0	294	35	170	114	0	319	1373
6:00PM	15	74	5	0	94	21	50	6	0	77	8	42	13	0	63	6	44	18	0	68	302
6:15PM	19	51	5	0	75	27	46	7	0	80	2	26	13	0	41	4	34	23	0	61	257
6:30PM	17	43	6	0	66	18	26	1	0	45	5	32	13	0	50	4	26	24	0	54	215
6:45PM	10	46	5	0	61	17	26	5	0	48	3	27	16	0	46	4	25	26	0	55	210
Hourly Total	61	214	21	0	296	83	148	19	0	250	18	127	55	0	200	18	129	91	0	238	984
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Total	284	1238	163	0	1685	613	1344	106	0	2063	170	1001	398	1	1570	217	735	487	0	1439	6757
% Approach	16.9%	73.5%	9.7%	0%	-	29.7%	65.1%	5.1%	0%	-	10.8%	63.8%	25.4%	0.1%	-	15.1%	51.1%	33.8%	0%	-	-
% Total	4.2%	18.3%	2.4%	0%	24.9%	9.1%	19.9%	1.6%	0%	30.5%	2.5%	14.8%	5.9%	0%	23.2%	3.2%	10.9%	7.2%	0%	21.3%	-
Lights and Motorcycles	278	1213	156	0	1647	590	1322	100	0	2012	162	982	391	1	1536	209	728	472	0	1409	6604
% Lights and Motorcycles	97.9%	98.0%	95.7%	0%	97.7%	96.2%	98.4%	94.3%	0%	97.5%	95.3%	98.1%	98.2%	100%	97.8%	96.3%	99.0%	96.9%	0%	97.9%	97.7%
Heavy	6	25	7	0	38	23	22	6	0	51	8	19	7	0	34	8	7	15	0	30	153
% Heavy	2.1%	2.0%	4.3%	0%	2.3%	3.8%	1.6%	5.7%	0%	2.5%	4.7%	1.9%	1.8%	0%	2.2%	3.7%	1.0%	3.1%	0%	2.1%	2.3%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 19 - TMC

Thu Mar 14, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636993, Location: 40.087597, -86.014323, Site Code: i-28



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-03-14																						
7:00AM	2	28	5	0	35	31	61	5	0	97	11	72	67	0	150	8	20	11	0	39	321	
7:15AM	3	22	3	0	28	21	77	1	0	99	9	61	22	0	92	15	26	10	0	51	270	
7:30AM	5	22	5	0	32	43	124	6	0	173	8	47	20	0	75	19	22	17	0	58	338	
7:45AM	4	20	5	0	29	31	101	2	0	134	6	45	24	0	75	19	22	4	0	45	283	
Total	14	92	18	0	124	126	363	14	0	503	34	225	133	0	392	61	90	42	0	193	1212	
% Approach	11.3%	74.2%	14.5%	0%	-	25.0%	72.2%	2.8%	0%	-	8.7%	57.4%	33.9%	0%	-	31.6%	46.6%	21.8%	0%	-	-	
% Total	1.2%	7.6%	1.5%	0%	10.2%	10.4%	30.0%	1.2%	0%	41.5%	2.8%	18.6%	11.0%	0%	32.3%	5.0%	7.4%	3.5%	0%	15.9%	-	
PHF	0.700	0.821	0.900	-	0.886	0.733	0.732	0.583	-	0.727	0.773	0.781	0.496	-	0.653	0.803	0.865	0.618	-	0.832	0.896	
Lights and Motorcycles	11	88	16	0	115	120	356	12	0	488	33	220	129	0	382	58	88	39	0	185	1170	
% Lights and Motorcycles	78.6%	95.7%	88.9%	0%	92.7%	95.2%	98.1%	85.7%	0%	97.0%	97.1%	97.8%	97.0%	0%	97.4%	95.1%	97.8%	92.9%	0%	95.9%	96.5%	
Heavy	3	4	2	0	9	6	7	2	0	15	1	5	4	0	10	3	2	3	0	8	42	
% Heavy	21.4%	4.3%	11.1%	0%	7.3%	4.8%	1.9%	14.3%	0%	3.0%	2.9%	2.2%	3.0%	0%	2.6%	4.9%	2.2%	7.1%	0%	4.1%	3.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 19 - TMC

Thu Mar 14, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636993, Location: 40.087597, -86.014323, Site Code: i-28



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-03-14																						
5:00PM	25	78	19	0	122	27	60	2	0	89	11	59	10	0	80	7	34	21	0	62	353	
5:15PM	19	79	7	0	105	28	54	4	0	86	12	50	14	0	76	12	48	36	0	96	363	
5:30PM	13	65	7	0	85	36	42	2	0	80	9	49	17	0	75	8	52	28	0	88	328	
5:45PM	24	74	19	0	117	25	47	4	0	76	8	46	9	0	63	8	36	29	0	73	329	
Total	81	296	52	0	429	116	203	12	0	331	40	204	50	0	294	35	170	114	0	319	1373	
% Approach	18.9%	69.0%	12.1%	0%	-	35.0%	61.3%	3.6%	0%	-	13.6%	69.4%	17.0%	0%	-	11.0%	53.3%	35.7%	0%	-	-	
% Total	5.9%	21.6%	3.8%	0%	31.2%	8.4%	14.8%	0.9%	0%	24.1%	2.9%	14.9%	3.6%	0%	21.4%	2.5%	12.4%	8.3%	0%	23.2%	-	
PHF	0.810	0.937	0.684	-	0.879	0.806	0.846	0.750	-	0.930	0.833	0.864	0.735	-	0.919	0.729	0.817	0.792	-	0.831	0.946	
Lights and Motorcycles	81	294	49	0	424	113	201	12	0	326	39	203	49	0	291	35	170	113	0	318	1359	
% Lights and Motorcycles	100%	99.3%	94.2%	0%	98.8%	97.4%	99.0%	100%	0%	98.5%	97.5%	99.5%	98.0%	0%	99.0%	100%	100%	99.1%	0%	99.7%	99.0%	
Heavy	0	2	3	0	5	3	2	0	0	5	1	1	1	0	3	0	0	1	0	1	14	
% Heavy	0%	0.7%	5.8%	0%	1.2%	2.6%	1.0%	0%	0%	1.5%	2.5%	0.5%	2.0%	0%	1.0%	0%	0%	0.9%	0%	0.3%	1.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & EDITH RD - TMC

Thu Mar 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636990, Location: 40.087496, -86.004901, Site Code: i-29



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-14 6:30AM	0	1	0	1	79	0	0	79	0	23	0	23	103
6:45AM	1	0	0	1	75	2	0	77	0	39	0	39	117
Hourly Total	1	1	0	2	154	2	0	156	0	62	0	62	220
7:00AM	1	0	0	1	104	1	0	105	0	34	0	34	140
7:15AM	0	0	0	0	93	0	0	93	0	53	0	53	146
7:30AM	1	1	0	2	95	0	0	95	0	54	0	54	151
7:45AM	4	0	0	4	80	0	0	80	0	42	0	42	126
Hourly Total	6	1	0	7	372	1	0	373	0	183	0	183	563
8:00AM	1	1	0	2	64	2	0	66	0	35	0	35	103
8:15AM	0	0	0	0	76	1	0	77	0	43	0	43	120
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	1	0	2	140	3	0	143	0	78	0	78	223
3:00PM	0	0	0	0	47	1	0	48	0	50	0	50	98
3:15PM	1	0	0	1	66	0	0	66	1	56	0	57	124
3:30PM	4	1	0	5	69	1	0	70	2	59	0	61	136
3:45PM	3	0	0	3	59	5	0	64	1	60	0	61	128
Hourly Total	8	1	0	9	241	7	0	248	4	225	0	229	486
4:00PM	1	0	0	1	75	2	0	77	1	87	0	88	166
4:15PM	1	1	0	2	66	2	0	68	0	67	0	67	137
4:30PM	0	0	0	0	56	1	0	57	0	67	0	67	124
4:45PM	1	0	0	1	57	0	0	57	0	87	0	87	145
Hourly Total	3	1	0	4	254	5	0	259	1	308	0	309	572
5:00PM	1	0	0	1	92	0	0	92	0	64	0	64	157
5:15PM	2	3	0	5	90	4	0	94	2	93	0	95	194
5:30PM	1	0	0	1	84	3	0	87	1	87	0	88	176
5:45PM	1	1	0	2	93	6	0	99	2	71	0	73	174
Hourly Total	5	4	0	9	359	13	0	372	5	315	0	320	701
6:00PM	3	1	0	4	70	0	0	70	1	65	0	66	140
6:15PM	4	1	0	5	62	1	0	63	1	62	0	63	131
6:30PM	2	0	0	2	53	1	0	54	0	51	0	51	107
6:45PM	1	1	0	2	51	1	0	52	0	61	0	61	115
Hourly Total	10	3	0	13	236	3	0	239	2	239	0	241	493
Total	34	12	0	46	1756	34	0	1790	12	1410	0	1422	3258
% Approach	73.9%	26.1%	0%	-	98.1%	1.9%	0%	-	0.8%	99.2%	0%	-	-
% Total	1.0%	0.4%	0%	1.4%	53.9%	1.0%	0%	54.9%	0.4%	43.3%	0%	43.6%	-
Lights and Motorcycles	29	12	0	41	1705	31	0	1736	11	1383	0	1394	3171
% Lights and Motorcycles	85.3%	100%	0%	89.1%	97.1%	91.2%	0%	97.0%	91.7%	98.1%	0%	98.0%	97.3%
Heavy	5	0	0	5	51	3	0	54	1	27	0	28	87
% Heavy	14.7%	0%	0%	10.9%	2.9%	8.8%	0%	3.0%	8.3%	1.9%	0%	2.0%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & EDITH RD - TMC

Thu Mar 14, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636990, Location: 40.087496, -86.004901, Site Code: i-29



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-14 7:00AM	1	0	0	1	104	1	0	105	0	34	0	34	140
7:15AM	0	0	0	0	93	0	0	93	0	53	0	53	146
7:30AM	1	1	0	2	95	0	0	95	0	54	0	54	151
7:45AM	4	0	0	4	80	0	0	80	0	42	0	42	126
Total	6	1	0	7	372	1	0	373	0	183	0	183	563
% Approach	85.7%	14.3%	0%	-	99.7%	0.3%	0%	-	0%	100%	0%	-	-
% Total	1.1%	0.2%	0%	1.2%	66.1%	0.2%	0%	66.3%	0%	32.5%	0%	32.5%	-
PHF	0.375	0.250	-	0.438	0.894	0.250	-	0.888	-	0.847	-	0.847	0.932
Lights and Motorcycles	5	1	0	6	356	0	0	356	0	176	0	176	538
% Lights and Motorcycles	83.3%	100%	0%	85.7%	95.7%	0%	0%	95.4%	0%	96.2%	0%	96.2%	95.6%
Heavy	1	0	0	1	16	1	0	17	0	7	0	7	25
% Heavy	16.7%	0%	0%	14.3%	4.3%	100%	0%	4.6%	0%	3.8%	0%	3.8%	4.4%

* L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & EDITH RD - TMC

Thu Mar 14, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636990, Location: 40.087496, -86.004901, Site Code: i-29



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-14 5:00PM	1	0	0	1	92	0	0	92	0	64	0	64	157
5:15PM	2	3	0	5	90	4	0	94	2	93	0	95	194
5:30PM	1	0	0	1	84	3	0	87	1	87	0	88	176
5:45PM	1	1	0	2	93	6	0	99	2	71	0	73	174
Total	5	4	0	9	359	13	0	372	5	315	0	320	701
% Approach	55.6%	44.4%	0%	-	96.5%	3.5%	0%	-	1.6%	98.4%	0%	-	-
% Total	0.7%	0.6%	0%	1.3%	51.2%	1.9%	0%	53.1%	0.7%	44.9%	0%	45.6%	-
PHF	0.625	0.333	-	0.450	0.965	0.542	-	0.939	0.625	0.847	-	0.842	0.903
Lights and Motorcycles	4	4	0	8	354	13	0	367	4	314	0	318	693
% Lights and Motorcycles	80.0%	100%	0%	88.9%	98.6%	100%	0%	98.7%	80.0%	99.7%	0%	99.4%	98.9%
Heavy	1	0	0	1	5	0	0	5	1	1	0	2	8
% Heavy	20.0%	0%	0%	11.1%	1.4%	0%	0%	1.3%	20.0%	0.3%	0%	0.6%	1.1%

* L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & CUMBERLAND RD - TMC

Thu Mar 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636989, Location: 40.087296, -85.995394, Site Code: i-30



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-14																					
6:30AM	3	5	0	0	8	10	22	0	0	32	0	29	51	0	80	2	21	3	0	26	146
6:45AM	8	3	2	0	13	1	19	0	0	20	0	32	39	0	71	0	30	3	0	33	137
Hourly Total	11	8	2	0	21	11	41	0	0	52	0	61	90	0	151	2	51	6	0	59	283
7:00AM	12	14	0	0	26	4	12	0	0	16	1	36	71	0	108	5	22	3	0	30	180
7:15AM	18	9	1	0	28	6	28	2	0	36	1	34	55	0	90	6	39	1	0	46	200
7:30AM	17	11	1	0	29	7	38	5	0	50	0	37	59	0	96	8	31	2	0	41	216
7:45AM	11	6	4	0	21	3	32	3	0	38	1	45	35	0	81	2	27	2	0	31	171
Hourly Total	58	40	6	0	104	20	110	10	0	140	3	152	220	0	375	21	119	8	0	148	767
8:00AM	12	13	0	0	25	1	19	1	0	21	0	25	39	0	64	2	20	6	0	28	138
8:15AM	12	11	1	0	24	2	19	0	0	21	0	33	43	0	76	0	31	0	0	31	152
Hourly Total	24	24	1	0	49	3	38	1	0	42	0	58	82	0	140	2	51	6	0	59	290
3:00PM	24	27	2	0	53	5	20	2	0	27	3	19	24	0	46	2	21	3	0	26	152
3:15PM	37	39	1	0	77	4	10	0	0	14	1	37	29	0	67	2	22	2	0	26	184
3:30PM	37	30	4	0	71	3	19	0	0	22	0	35	33	0	68	1	20	7	0	28	189
3:45PM	31	39	4	0	74	3	15	1	0	19	0	34	25	0	59	0	35	7	0	42	194
Hourly Total	129	135	11	0	275	15	64	3	0	82	4	125	111	0	240	5	98	19	0	122	719
4:00PM	46	36	2	0	84	3	16	1	0	20	3	45	29	0	77	0	38	6	0	44	225
4:15PM	31	29	4	0	64	5	16	0	0	21	3	34	29	0	66	3	35	7	0	45	196
4:30PM	39	40	3	0	82	3	22	2	0	27	0	31	23	0	54	1	24	7	0	32	195
4:45PM	44	31	7	0	82	7	17	2	0	26	0	35	23	0	58	0	41	11	0	52	218
Hourly Total	160	136	16	0	312	18	71	5	0	94	6	145	104	0	255	4	138	31	0	173	834
5:00PM	34	40	4	0	78	4	12	0	0	16	2	53	39	0	94	0	35	8	0	43	231
5:15PM	40	41	2	0	83	7	21	3	0	31	2	50	39	0	91	1	48	6	0	55	260
5:30PM	32	39	2	0	73	4	19	2	0	25	0	44	39	0	83	2	50	5	0	57	238
5:45PM	40	26	0	0	66	2	6	0	0	8	4	48	42	0	94	2	34	4	0	40	208
Hourly Total	146	146	8	0	300	17	58	5	0	80	8	195	159	0	362	5	167	23	0	195	937
6:00PM	26	29	4	0	59	0	23	2	0	25	1	32	39	0	72	1	38	9	0	48	204
6:15PM	28	21	1	0	50	3	19	1	0	23	1	24	36	0	61	2	34	11	0	47	181
6:30PM	30	20	2	0	52	4	16	2	0	22	1	21	33	0	55	1	22	0	0	23	152
6:45PM	29	17	1	0	47	1	11	0	0	12	2	19	31	0	52	2	26	3	0	31	142
Hourly Total	113	87	8	0	208	8	69	5	0	82	5	96	139	0	240	6	120	23	0	149	679
7:00PM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	641	577	52	0	1270	92	451	29	0	572	26	832	905	0	1763	45	744	116	0	905	4510
% Approach	50.5%	45.4%	4.1%	0%	-	16.1%	78.8%	5.1%	0%	-	1.5%	47.2%	51.3%	0%	-	5.0%	82.2%	12.8%	0%	-	-
% Total	14.2%	12.8%	1.2%	0%	28.2%	2.0%	10.0%	0.6%	0%	12.7%	0.6%	18.4%	20.1%	0%	39.1%	1.0%	16.5%	2.6%	0%	20.1%	-
Lights and Motorcycles	632	572	46	0	1250	90	444	28	0	562	25	803	892	0	1720	44	723	113	0	880	4412
% Lights and Motorcycles	98.6%	99.1%	88.5%	0%	98.4%	97.8%	98.4%	96.6%	0%	98.3%	96.2%	96.5%	98.6%	0%	97.6%	97.8%	97.2%	97.4%	0%	97.2%	97.8%
Heavy	9	5	6	0	20	2	7	1	0	10	1	29	13	0	43	1	21	3	0	25	98
% Heavy	1.4%	0.9%	11.5%	0%	1.6%	2.2%	1.6%	3.4%	0%	1.7%	3.8%	3.5%	1.4%	0%	2.4%	2.2%	2.8%	2.6%	0%	2.8%	2.2%

* L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & CUMBERLAND RD - TMC

Thu Mar 14, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636989, Location: 40.087296, -85.995394, Site Code: i-30



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-14 7:00AM	12	14	0	0	26	4	12	0	0	16	1	36	71	0	108	5	22	3	0	30	180
7:15AM	18	9	1	0	28	6	28	2	0	36	1	34	55	0	90	6	39	1	0	46	200
7:30AM	17	11	1	0	29	7	38	5	0	50	0	37	59	0	96	8	31	2	0	41	216
7:45AM	11	6	4	0	21	3	32	3	0	38	1	45	35	0	81	2	27	2	0	31	171
Total	58	40	6	0	104	20	110	10	0	140	3	152	220	0	375	21	119	8	0	148	767
% Approach	55.8%	38.5%	5.8%	0%	-	14.3%	78.6%	7.1%	0%	-	0.8%	40.5%	58.7%	0%	-	14.2%	80.4%	5.4%	0%	-	-
% Total	7.6%	5.2%	0.8%	0%	13.6%	2.6%	14.3%	1.3%	0%	18.3%	0.4%	19.8%	28.7%	0%	48.9%	2.7%	15.5%	1.0%	0%	19.3%	-
PHF	0.806	0.714	0.375	-	0.897	0.714	0.724	0.500	-	0.700	0.750	0.844	0.775	-	0.868	0.656	0.763	0.667	-	0.804	0.888
Lights and Motorcycles	57	39	4	0	100	20	108	9	0	137	2	145	216	0	363	20	115	8	0	143	743
% Lights and Motorcycles	98.3%	97.5%	66.7%	0%	96.2%	100%	98.2%	90.0%	0%	97.9%	66.7%	95.4%	98.2%	0%	96.8%	95.2%	96.6%	100%	0%	96.6%	96.9%
Heavy	1	1	2	0	4	0	2	1	0	3	1	7	4	0	12	1	4	0	0	5	24
% Heavy	1.7%	2.5%	33.3%	0%	3.8%	0%	1.8%	10.0%	0%	2.1%	33.3%	4.6%	1.8%	0%	3.2%	4.8%	3.4%	0%	0%	3.4%	3.1%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & CUMBERLAND RD - TMC

Thu Mar 14, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636989, Location: 40.087296, -85.995394, Site Code: i-30



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-14 4:45PM	44	31	7	0	82	7	17	2	0	26	0	35	23	0	58	0	41	11	0	52	218
5:00PM	34	40	4	0	78	4	12	0	0	16	2	53	39	0	94	0	35	8	0	43	231
5:15PM	40	41	2	0	83	7	21	3	0	31	2	50	39	0	91	1	48	6	0	55	260
5:30PM	32	39	2	0	73	4	19	2	0	25	0	44	39	0	83	2	50	5	0	57	238
Total	150	151	15	0	316	22	69	7	0	98	4	182	140	0	326	3	174	30	0	207	947
% Approach	47.5%	47.8%	4.7%	0%	-	22.4%	70.4%	7.1%	0%	-	1.2%	55.8%	42.9%	0%	-	1.4%	84.1%	14.5%	0%	-	-
% Total	15.8%	15.9%	1.6%	0%	33.4%	2.3%	7.3%	0.7%	0%	10.3%	0.4%	19.2%	14.8%	0%	34.4%	0.3%	18.4%	3.2%	0%	21.9%	-
PHF	0.852	0.921	0.536	-	0.952	0.786	0.821	0.583	-	0.790	0.500	0.858	0.897	-	0.867	0.375	0.870	0.682	-	0.908	0.911
Lights and Motorcycles	150	150	15	0	315	22	68	7	0	97	4	175	140	0	319	3	173	29	0	205	936
% Lights and Motorcycles	100%	99.3%	100%	0%	99.7%	100%	98.6%	100%	0%	99.0%	100%	96.2%	100%	0%	97.9%	100%	99.4%	96.7%	0%	99.0%	98.8%
Heavy	0	1	0	0	1	0	1	0	0	1	0	7	0	0	7	0	1	1	0	2	11
% Heavy	0%	0.7%	0%	0%	0.3%	0%	1.4%	0%	0%	1.0%	0%	3.8%	0%	0%	2.1%	0%	0.6%	3.3%	0%	1.0%	1.2%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(31) 206th Street & Overdorf Road
4/30/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	2	0	2	4					2	6	3	11
SOUTHBOUND	16	2	12	30					11	5	3	19
EASTBOUND	1	169	1	171					17	263	2	282
WESTBOUND	0	162	3	165					1	218	19	238

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.50				0.55	
SOUTHBOUND	0.68	0.80			0.79	0.98
EASTBOUND	0.79				0.88	
WESTBOUND	0.74				0.85	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	8.3%	3.3%					0.0%	20.0%	0.0%	5.3%
EASTBOUND	0.0%	3.0%	100.0%	3.5%					5.9%	4.6%	0.0%	4.6%
WESTBOUND	0.0%	1.9%	0.0%	1.8%					100.0%	1.4%	0.0%	1.7%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	12	12	66	61	127	139
7:00 AM	TO	8:00 AM	4	30	34	171	165	336	370
8:00 AM	TO	9:00 AM	3	17	20	76	57	133	153
3:00 PM	TO	4:00 PM	7	11	18	177	168	345	363
4:00 PM	TO	5:00 PM	10	23	33	233	219	452	485
5:00 PM	TO	6:00 PM	9	25	34	257	210	467	501
6:00 PM	TO	7:00 PM	5	19	24	175	160	335	359
TOTAL VOLUME			38	137	175	1155	1040	2195	2370
PERCENTAGE			1.6%	5.8%	7.4%	48.7%	43.9%	92.6%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(31) 206th Street & Overdorf Road
4/30/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	2	0	2	0	0	0	2	0	2	4	0	4
8:00 AM - 9:00 AM	0	0	0	2	1	3	0	0	0	2	1	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	3	1	4	1	0	1	6	1	7
4:00 PM - 5:00 PM	3	0	3	3	0	3	4	0	4	10	0	10
5:00 PM - 6:00 PM	1	0	1	8	0	8	0	0	0	9	0	9
6:00 PM - 7:00 PM	2	0	2	3	0	3	0	0	0	5	0	5
PASSENGER	10 100.0%			19 90.5%			7 100.0%			36 94.7%		
TRUCK	0 0.0%			2 9.5%			0 0.0%			2 5.3%		
BOTH	10 26.3%			21 55.3%			7 18.4%			38 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	6	0	6	1	2	3	3	0	3	10	2	12
7:00 AM - 8:00 AM	16	0	16	2	0	2	11	1	12	29	1	30
8:00 AM - 9:00 AM	9	0	9	2	0	2	5	1	6	16	1	17
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	1	2	3	2	5	4	0	4	8	3	11
4:00 PM - 5:00 PM	12	1	13	4	1	5	4	1	5	20	3	23
5:00 PM - 6:00 PM	11	0	11	9	1	10	4	0	4	24	1	25
6:00 PM - 7:00 PM	9	0	9	4	0	4	6	0	6	19	0	19
PASSENGER	64 97.0%			25 80.6%			37 92.5%			126 92.0%		
TRUCK	2 3.0%			6 19.4%			3 7.5%			11 8.0%		
BOTH	66 48.2%			31 22.6%			40 29.2%			137 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	1	1	62	3	65	0	0	0	62	4	66
7:00 AM - 8:00 AM	1	0	1	164	5	169	0	1	1	165	6	171
8:00 AM - 9:00 AM	0	0	0	72	4	76	0	0	0	72	4	76
PM TIME PERIOD												
3:00 PM - 4:00 PM	9	1	10	148	15	163	4	0	4	161	16	177
4:00 PM - 5:00 PM	11	1	12	207	14	221	0	0	0	218	15	233
5:00 PM - 6:00 PM	13	1	14	234	7	241	2	0	2	249	8	257
6:00 PM - 7:00 PM	6	0	6	159	7	166	3	0	3	168	7	175
PASSENGER	40 90.9%			1046 95.0%			9 90.0%			1095 94.8%		
TRUCK	4 9.1%			55 5.0%			1 10.0%			60 5.2%		
BOTH	44 3.8%			1101 95.3%			10 0.9%			1155 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	57	3	60	1	0	1	58	3	61
7:00 AM - 8:00 AM	0	0	0	159	3	162	3	0	3	162	3	165
8:00 AM - 9:00 AM	0	0	0	56	1	57	0	0	0	56	1	57
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	1	1	154	6	160	7	0	7	161	7	168
4:00 PM - 5:00 PM	0	1	1	190	8	198	20	0	20	210	9	219
5:00 PM - 6:00 PM	0	0	0	193	4	197	12	1	13	205	5	210
6:00 PM - 7:00 PM	3	0	3	146	3	149	8	0	8	157	3	160
PASSENGER	3 60.0%			955 97.2%			51 98.1%			1009 97.0%		
TRUCK	2 40.0%			28 2.8%			1 1.9%			31 3.0%		
BOTH	5 0.5%			983 94.5%			52 5.0%			1040 100.0%		

RIVERWOOD AVE & 206TH ST - TMC

Thu Apr 25, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647297, Location: 40.087717, -85.974471, Site Code: i-32



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-25																						
6:30AM	0	0	0	0	0	10	0	2	0	12	1	38	0	0	39	1	26	17	0	44		95
6:45AM	0	2	2	0	4	12	1	5	0	18	2	36	0	0	38	0	31	24	0	55		115
Hourly Total	0	2	2	0	4	22	1	7	0	30	3	74	0	0	77	1	57	41	0	99		210
7:00AM	0	0	0	0	0	8	0	2	0	10	1	52	0	0	53	0	45	3	0	48		111
7:15AM	0	1	0	0	1	10	1	8	0	19	0	66	0	0	66	1	35	7	0	43		129
7:30AM	0	1	1	0	2	6	3	4	0	13	1	69	0	0	70	1	45	7	0	53		138
7:45AM	0	2	1	0	3	14	3	5	0	22	3	44	1	0	48	0	37	7	0	44		117
Hourly Total	0	4	2	0	6	38	7	19	0	64	5	231	1	0	237	2	162	24	0	188		495
8:00AM	0	0	4	0	4	5	2	3	0	10	1	48	0	0	49	0	27	3	0	30		93
8:15AM	0	2	0	0	2	8	4	1	0	13	1	22	0	0	23	1	25	8	0	34		72
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hourly Total	0	2	4	0	6	13	6	4	0	23	2	70	0	0	72	1	52	11	0	64		165
3:00PM	0	2	0	0	2	8	5	1	0	14	4	34	0	0	38	1	31	9	1	42		96
3:15PM	0	3	2	0	5	8	3	1	0	12	4	33	0	0	37	0	39	10	0	49		103
3:30PM	1	4	2	0	7	13	4	3	0	20	4	38	1	0	43	2	33	7	0	42		112
3:45PM	0	3	0	0	3	5	2	1	0	8	0	40	0	0	40	3	44	11	0	58		109
Hourly Total	1	12	4	0	17	34	14	6	0	54	12	145	1	0	158	6	147	37	1	191		420
4:00PM	0	3	2	0	5	9	0	1	0	10	2	45	1	0	48	1	48	4	0	53		116
4:15PM	0	3	3	0	6	7	3	1	0	11	1	54	0	0	55	0	51	8	0	59		131
4:30PM	0	5	3	0	8	5	1	2	0	8	6	54	1	0	61	3	39	6	0	48		125
4:45PM	0	1	3	0	4	6	2	4	0	12	5	53	0	0	58	1	43	13	0	57		131
Hourly Total	0	12	11	0	23	27	6	8	0	41	14	206	2	0	222	5	181	31	0	217		503
5:00PM	0	4	0	0	4	10	3	4	0	17	1	62	0	0	63	1	52	15	0	68		152
5:15PM	0	2	0	0	2	7	3	1	0	11	3	46	0	0	49	0	60	13	0	73		135
5:30PM	0	2	1	0	3	9	0	0	0	9	5	59	0	0	64	0	59	4	0	63		139
5:45PM	0	3	1	0	4	7	4	2	0	13	0	54	0	0	54	0	56	6	0	62		133
Hourly Total	0	11	2	0	13	33	10	7	0	50	9	221	0	0	230	1	227	38	0	266		559
6:00PM	0	1	0	0	1	5	1	4	0	10	1	37	0	0	38	3	37	9	0	49		98
6:15PM	1	5	4	0	10	4	0	2	0	6	4	32	0	0	36	0	49	7	0	56		108
6:30PM	0	1	1	0	2	5	0	1	0	6	0	27	0	0	27	1	34	6	0	41		76
6:45PM	0	2	1	0	3	9	0	0	0	9	1	19	0	0	20	2	29	7	0	38		70
Hourly Total	1	9	6	0	16	23	1	7	0	31	6	115	0	0	121	6	149	29	0	184		352
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Total	2	52	31	0	85	190	45	58	0	293	51	1062	4	0	1117	22	975	211	1	1209		2704
% Approach	2.4%	61.2%	36.5%	0%	-	64.8%	15.4%	19.8%	0%	-	4.6%	95.1%	0.4%	0%	-	1.8%	80.6%	17.5%	0.1%	-		-
% Total	0.1%	1.9%	1.1%	0%	3.1%	7.0%	1.7%	2.1%	0%	10.8%	1.9%	39.3%	0.1%	0%	4.13%	0.8%	36.1%	7.8%	0%	44.7%		-
Lights and Motorcycles	2	50	30	0	82	176	44	51	0	271	47	1033	2	0	1082	22	944	205	1	1172		2607
% Lights and Motorcycles	100%	96.2%	96.8%	0%	96.5%	92.6%	97.8%	87.9%	0%	92.5%	92.2%	97.3%	50.0%	0%	96.9%	100%	96.8%	97.2%	100%	96.9%		96.4%
Heavy	0	2	1	0	3	14	1	7	0	22	4	29	2	0	35	0	31	6	0	37		97
% Heavy	0%	3.8%	3.2%	0%	3.5%	7.4%	2.2%	12.1%	0%	7.5%	7.8%	2.7%	50.0%	0%	3.1%	0%	3.2%	2.8%	0%	3.1%		3.6%

* L: Left, R: Right, T: Thru, U: U-Turn

RIVERWOOD AVE & 206TH ST - TMC

Thu Apr 25, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647297, Location: 40.087717, -85.974471, Site Code: i-32



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-04-25																									
7:00AM	0	0	0	0	0	8	0	2	0	10	1	52	0	0	53	0	45	3	0	48	111				
7:15AM	0	1	0	0	1	10	1	8	0	19	0	66	0	0	66	1	35	7	0	43	129				
7:30AM	0	1	1	0	2	6	3	4	0	13	1	69	0	0	70	1	45	7	0	53	138				
7:45AM	0	2	1	0	3	14	3	5	0	22	3	44	1	0	48	0	37	7	0	44	117				
Total	0	4	2	0	6	38	7	19	0	64	5	231	1	0	237	2	162	24	0	188	495				
% Approach	0%	66.7%	33.3%	0%	-	59.4%	10.9%	29.7%	0%	-	2.1%	97.5%	0.4%	0%	-	1.1%	86.2%	12.8%	0%	-	-				
% Total	0%	0.8%	0.4%	0%	1.2%	7.7%	1.4%	3.8%	0%	12.9%	1.0%	46.7%	0.2%	0%	47.9%	0.4%	32.7%	4.8%	0%	38.0%	-				
PHF	-	0.500	0.500	-	0.500	0.679	0.583	0.594	-	0.727	0.417	0.837	0.250	-	0.846	0.500	0.900	0.857	-	0.887	0.897				
Lights and Motorcycles	0	2	2	0	4	31	7	15	0	53	5	226	0	0	231	2	155	23	0	180	468				
% Lights and Motorcycles	0%	50.0%	100%	0%	66.7%	81.6%	100%	78.9%	0%	82.8%	100%	97.8%	0%	0%	97.5%	100%	95.7%	95.8%	0%	95.7%	94.5%				
Heavy	0	2	0	0	2	7	0	4	0	11	0	5	1	0	6	0	7	1	0	8	27				
% Heavy	0%	50.0%	0%	0%	33.3%	18.4%	0%	21.1%	0%	17.2%	0%	2.2%	100%	0%	2.5%	0%	4.3%	4.2%	0%	4.3%	5.5%				

*L: Left, R: Right, T: Thru, U: U-Turn

RIVERWOOD AVE & 206TH ST - TMC

Thu Apr 25, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647297, Location: 40.087717, -85.974471, Site Code: i-32



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-25																						
5:00PM	0	4	0	0	4	10	3	4	0	17	1	62	0	0	63	1	52	15	0	68	152	
5:15PM	0	2	0	0	2	7	3	1	0	11	3	46	0	0	49	0	60	13	0	73	135	
5:30PM	0	2	1	0	3	9	0	0	0	9	5	59	0	0	64	0	59	4	0	63	139	
5:45PM	0	3	1	0	4	7	4	2	0	13	0	54	0	0	54	0	56	6	0	62	133	
Total	0	11	2	0	13	33	10	7	0	50	9	221	0	0	230	1	227	38	0	266	559	
% Approach	0%	84.6%	15.4%	0%	-	66.0%	20.0%	14.0%	0%	-	3.9%	96.1%	0%	0%	-	0.4%	85.3%	14.3%	0%	-	-	
% Total	0%	2.0%	0.4%	0%	2.3%	5.9%	1.8%	1.3%	0%	8.9%	1.6%	39.5%	0%	0%	41.1%	0.2%	40.6%	6.8%	0%	47.6%	-	
PHF	-	0.688	0.500	-	0.813	0.825	0.625	0.438	-	0.735	0.450	0.891	-	-	0.898	0.250	0.946	0.633	-	0.911	0.919	
Lights and Motorcycles	0	11	2	0	13	33	10	7	0	50	7	220	0	0	227	1	225	38	0	264	554	
% Lights and Motorcycles	0%	100%	100%	0%	100%	100%	100%	100%	0%	100%	77.8%	99.5%	0%	0%	98.7%	100%	99.1%	100%	0%	99.2%	99.1%	
Heavy	0	0	0	0	0	0	0	0	0	0	2	1	0	0	3	0	2	0	0	2	5	
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	22.2%	0.5%	0%	0%	1.3%	0%	0.9%	0%	0%	0.8%	0.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 37 - TMC

Wed Nov 7, 2018

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641228, Location: 40.087799, -85.967394, Site Code: i-33



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-07																					
3:00PM	30	97	8	0	135	0	77	9	0	86	4	5	33	0	42	8	10	0	0	18	281
3:15PM	29	126	7	0	162	1	57	11	0	69	12	5	20	0	37	6	16	1	0	23	291
3:30PM	29	109	5	0	143	0	89	4	0	93	14	10	22	0	46	4	7	1	0	12	294
3:45PM	32	124	7	0	163	1	59	12	0	72	10	12	22	0	44	3	13	1	0	17	296
Hourly Total	120	456	27	0	603	2	282	36	0	320	40	32	97	0	169	21	46	3	0	70	1162
4:00PM	41	149	10	0	200	1	49	13	0	63	17	14	27	0	58	9	10	0	0	19	340
4:15PM	44	111	5	0	160	1	70	19	0	90	13	18	39	0	70	4	11	0	0	15	335
4:30PM	31	139	8	0	178	0	84	13	0	97	13	15	28	0	56	3	6	2	0	11	342
4:45PM	37	113	4	0	154	0	67	15	0	82	21	20	33	0	74	7	16	0	0	23	333
Hourly Total	153	512	27	0	692	2	270	60	0	332	64	67	127	0	258	23	43	2	0	68	1350
5:00PM	51	139	8	0	198	0	82	7	0	89	17	31	33	0	81	8	11	0	0	19	387
5:15PM	46	139	11	0	196	0	101	13	0	114	17	25	48	0	90	12	12	0	0	24	424
5:30PM	50	112	8	0	170	1	85	10	0	96	22	23	48	0	93	9	14	1	0	24	383
5:45PM	44	106	14	0	164	1	77	20	0	98	19	12	25	0	56	4	11	0	0	15	333
Hourly Total	191	496	41	0	728	2	345	50	0	397	75	91	154	0	320	33	48	1	0	82	1527
6:00PM	36	86	6	0	128	2	70	10	0	82	12	19	22	0	53	8	6	3	0	17	280
6:15PM	42	83	9	0	134	2	54	10	0	66	8	14	20	0	42	5	4	1	0	10	252
6:30PM	35	85	13	0	133	2	55	6	0	63	15	9	31	0	55	6	10	0	0	16	267
6:45PM	29	72	9	0	110	1	34	4	0	39	4	14	20	0	38	3	9	2	0	14	201
Hourly Total	142	326	37	0	505	7	213	30	0	250	39	56	93	0	188	22	29	6	0	57	1000
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-11-08																					
6:30AM	13	42	3	0	58	0	135	14	0	149	7	9	42	0	58	11	9	2	0	22	287
6:45AM	23	45	1	0	69	1	107	12	0	120	9	11	24	0	44	6	18	0	0	24	257
Hourly Total	36	87	4	0	127	1	242	26	0	269	16	20	66	0	102	17	27	2	0	46	544
7:00AM	19	53	2	0	74	0	102	10	0	112	12	15	33	0	60	16	15	3	0	34	280
7:15AM	22	79	6	0	107	0	117	16	0	133	15	12	34	0	61	13	9	0	0	22	323
7:30AM	13	71	3	0	87	1	109	16	0	126	7	15	62	0	84	10	13	0	0	23	320
7:45AM	19	57	3	0	79	1	104	14	0	119	12	12	40	0	64	5	13	0	0	18	280
Hourly Total	73	260	14	0	347	2	432	56	0	490	46	54	169	0	269	44	50	3	0	97	1203
8:00AM	15	59	1	0	75	0	89	8	0	97	7	9	35	0	51	12	11	3	0	26	249
8:15AM	21	79	7	0	107	0	87	15	0	102	5	5	37	0	47	7	12	1	0	20	276
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	36	138	8	0	182	0	176	23	0	199	12	14	72	0	98	19	23	4	0	46	525
Total	751	2275	158	0	3184	16	1960	281	0	2257	292	334	778	0	1404	179	266	21	0	466	7311
% Approach	23.6%	71.5%	5.0%	0%	-	0.7%	86.8%	12.5%	0%	-	20.8%	23.8%	55.4%	0%	-	38.4%	57.1%	4.5%	0%	-	-
% Total	10.3%	31.1%	2.2%	0%	43.6%	0.2%	26.8%	3.8%	0%	30.9%	4.0%	4.6%	10.6%	0%	19.2%	2.4%	3.6%	0.3%	0%	6.4%	-
Lights and Motorcycles	720	2133	154	0	3007	15	1862	275	0	2152	286	319	745	0	1350	174	254	17	0	445	6954
% Lights and Motorcycles	95.9%	93.8%	97.5%	0%	94.4%	93.8%	95.0%	97.9%	0%	95.3%	97.9%	95.5%	95.8%	0%	96.2%	97.2%	95.5%	81.0%	0%	95.5%	95.1%
Heavy	31	142	4	0	177	1	98	6	0	105	6	15	33	0	54	5	12	4	0	21	357
% Heavy	4.1%	6.2%	2.5%	0%	5.6%	6.3%	5.0%	2.1%	0%	4.7%	2.1%	4.5%	4.2%	0%	3.8%	2.8%	4.5%	19.0%	0%	4.5%	4.9%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 37 - TMC

Thu Nov 8, 2018

AM Peak (Nov 08 2018 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641228, Location: 40.087799, -85.967394, Site Code: i-33



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-11-08																					
7:00AM	19	53	2	0	74	0	102	10	0	112	12	15	33	0	60	16	15	3	0	34	280
7:15AM	22	79	6	0	107	0	117	16	0	133	15	12	34	0	61	13	9	0	0	22	323
7:30AM	13	71	3	0	87	1	109	16	0	126	7	15	62	0	84	10	13	0	0	23	320
7:45AM	19	57	3	0	79	1	104	14	0	119	12	12	40	0	64	5	13	0	0	18	280
Total	73	260	14	0	347	2	432	56	0	490	46	54	169	0	269	44	50	3	0	97	1203
% Approach	21.0%	74.9%	4.0%	0%	-	0.4%	88.2%	11.4%	0%	-	17.1%	20.1%	62.8%	0%	-	45.4%	51.5%	3.1%	0%	-	-
% Total	6.1%	21.6%	1.2%	0%	28.8%	0.2%	35.9%	4.7%	0%	40.7%	3.8%	4.5%	14.0%	0%	22.4%	3.7%	4.2%	0.2%	0%	8.1%	-
PHF	0.830	0.823	0.583	-	0.811	0.500	0.923	0.875	-	0.921	0.767	0.900	0.681	-	0.801	0.688	0.833	0.250	-	0.713	0.931
Lights and Motorcycles	70	234	14	0	318	1	413	55	0	469	45	51	165	0	261	43	47	3	0	93	1141
% Lights and Motorcycles	95.9%	90.0%	100%	0%	91.6%	50.0%	95.6%	98.2%	0%	95.7%	97.8%	94.4%	97.6%	0%	97.0%	97.7%	94.0%	100%	0%	95.9%	94.8%
Heavy	3	26	0	0	29	1	19	1	0	21	1	3	4	0	8	1	3	0	0	4	62
% Heavy	4.1%	10.0%	0%	0%	8.4%	50.0%	4.4%	1.8%	0%	4.3%	2.2%	5.6%	2.4%	0%	3.0%	2.3%	6.0%	0%	0%	4.1%	5.2%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 37 - TMC

Wed Nov 7, 2018

PM Peak (Nov 07 2018 4:45PM - 5:45 PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641228, Location: 40.087799, -85.967394, Site Code: i-33



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-07 4:45PM	37	113	4	0	154	0	67	15	0	82	21	20	33	0	74	7	16	0	0	23	333
5:00PM	51	139	8	0	198	0	82	7	0	89	17	31	33	0	81	8	11	0	0	19	387
5:15PM	46	139	11	0	196	0	101	13	0	114	17	25	48	0	90	12	12	0	0	24	424
5:30PM	50	112	8	0	170	1	85	10	0	96	22	23	48	0	93	9	14	1	0	24	383
Total	184	503	31	0	718	1	335	45	0	381	77	99	162	0	338	36	53	1	0	90	1527
% Approach	25.6%	70.1%	4.3%	0%	-	0.3%	87.9%	11.8%	0%	-	22.8%	29.3%	47.9%	0%	-	40.0%	58.9%	1.1%	0%	-	-
% Total	12.0%	32.9%	2.0%	0%	47.0%	0.1%	21.9%	2.9%	0%	25.0%	5.0%	6.5%	10.6%	0%	22.1%	2.4%	3.5%	0.1%	0%	5.9%	-
PHF	0.902	0.905	0.705	-	0.907	0.250	0.829	0.750	-	0.836	0.875	0.798	0.844	-	0.909	0.750	0.828	0.250	-	0.938	0.900
Lights and Motorcycles	178	484	31	0	693	1	325	45	0	371	76	96	159	0	331	36	50	1	0	87	1482
% Lights and Motorcycles	96.7%	96.2%	100%	0%	96.5%	100%	97.0%	100%	0%	97.4%	98.7%	97.0%	98.1%	0%	97.9%	100%	94.3%	100%	0%	96.7%	97.1%
Heavy	6	19	0	0	25	0	10	0	0	10	1	3	3	0	7	0	3	0	0	3	45
% Heavy	3.3%	3.8%	0%	0%	3.5%	0%	3.0%	0%	0%	2.6%	1.3%	3.0%	1.9%	0%	2.1%	0%	5.7%	0%	0%	3.3%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(34) 206th Street & Creek Road
2/11/2019
DQ

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES				OFF PEAK HOUR VOLUMES				PM PEAK HOUR VOLUMES			
	BEGINS		7:15 AM		BEGINS				BEGINS		4:45 PM	
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1	2	0	3					5	3	1	9
SOUTHBOUND	0	1	12	13					2	2	9	13
EASTBOUND	6	48	5	59					2	70	5	77
WESTBOUND	0	40	4	44					0	50	0	50

PEAK HOUR FACTOR									
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR			PM PEAK HOUR FACTOR		
	APPROACH		INTERSECTION	APPROACH		INTERSECTION	APPROACH		INTERSECTION
	NORTHBOUND	0.75		0.93				0.38	
SOUTHBOUND	0.65				0.54				
EASTBOUND	0.92				0.84				
WESTBOUND	0.73				0.74				

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%	50.0%	0.0%	33.3%					0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	8.3%	7.7%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	33.3%	2.1%	40.0%	8.5%					0.0%	4.3%	0.0%	3.9%
WESTBOUND	0.0%	2.5%	50.0%	6.8%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY										
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL	
6:00 AM	TO	7:00 AM	3	3	6	22	34	56	62	
7:00 AM	TO	8:00 AM	2	10	12	53	42	95	107	
8:00 AM	TO	9:00 AM	1	5	6	23	17	40	46	
3:00 PM	TO	4:00 PM	8	15	23	65	21	86	109	
4:00 PM	TO	5:00 PM	8	18	26	67	41	108	134	
5:00 PM	TO	6:00 PM	8	14	22	78	48	126	148	
6:00 PM	TO	7:00 PM	4	2	6	61	29	90	96	
TOTAL VOLUME			34	67	101	369	232	601	702	
PERCENTAGE			4.8%	9.5%	14.4%	52.6%	33.0%	85.6%	100.0%	

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(34) 206th Street & Creek Road
2/11/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	3	0	3	0	0	0	0	0	0	3	0	3
7:00 AM - 8:00 AM	1	0	1	0	1	1	0	0	0	1	1	2
8:00 AM - 9:00 AM	0	0	0	1	0	1	0	0	0	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	4	6	2	0	2	0	0	0	4	4	8
4:00 PM - 5:00 PM	7	0	7	1	0	1	0	0	0	8	0	8
5:00 PM - 6:00 PM	5	0	5	2	0	2	1	0	1	8	0	8
6:00 PM - 7:00 PM	2	0	2	1	0	1	1	0	1	4	0	4
PASSENGER	20 83.3%			7 87.5%			2 100.0%			29 85.3%		
TRUCK	4 16.7%			1 12.5%			0 0.0%			5 14.7%		
BOTH	24 70.6%			8 23.5%			2 5.9%			34 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	2	1	3	2	1	3
7:00 AM - 8:00 AM	0	0	0	2	0	2	7	1	8	9	1	10
8:00 AM - 9:00 AM	0	0	0	0	0	0	4	1	5	4	1	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	6	5	11	0	0	0	4	0	4	10	5	15
4:00 PM - 5:00 PM	3	1	4	4	0	4	8	2	10	15	3	18
5:00 PM - 6:00 PM	2	0	2	3	0	3	9	0	9	14	0	14
6:00 PM - 7:00 PM	0	0	0	2	0	2	0	0	0	2	0	2
PASSENGER	11 64.7%			11 100.0%			34 87.2%			56 83.6%		
TRUCK	6 35.3%			0 0.0%			5 12.8%			11 16.4%		
BOTH	17 25.4%			11 16.4%			39 58.2%			67 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	3	4	13	2	15	3	0	3	17	5	22
7:00 AM - 8:00 AM	3	3	6	45	1	46	1	0	1	49	4	53
8:00 AM - 9:00 AM	1	0	1	16	1	17	3	2	5	20	3	23
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	4	8	56	0	56	1	0	1	61	4	65
4:00 PM - 5:00 PM	4	3	7	54	3	57	3	0	3	61	6	67
5:00 PM - 6:00 PM	2	0	2	71	0	71	5	0	5	78	0	78
6:00 PM - 7:00 PM	4	0	4	52	0	52	5	0	5	61	0	61
PASSENGER	19 59.4%			307 97.8%			21 91.3%			347 94.0%		
TRUCK	13 40.6%			7 2.2%			5 8.7%			22 6.0%		
BOTH	32 8.7%			314 85.1%			23 6.2%			369 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	33	1	34	0	0	0	33	1	34
7:00 AM - 8:00 AM	0	0	0	38	1	39	3	0	3	41	1	42
8:00 AM - 9:00 AM	1	0	1	14	0	14	0	2	2	15	2	17
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	14	4	18	3	0	3	17	4	21
4:00 PM - 5:00 PM	2	0	2	37	2	39	0	0	0	39	2	41
5:00 PM - 6:00 PM	0	0	0	48	0	48	0	0	0	48	0	48
6:00 PM - 7:00 PM	0	0	0	29	0	29	0	0	0	29	0	29
PASSENGER	3 100.0%			213 96.4%			6 75.0%			222 95.7%		
TRUCK	0 0.0%			8 3.6%			2 25.0%			10 4.3%		
BOTH	3 1.3%			221 95.3%			8 3.4%			232 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (35) 206th Street & Victory Chapel Road
 2/14/2019
 DQ

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES				OFF PEAK HOUR VOLUMES				PM PEAK HOUR VOLUMES			
	BEGINS		7:30 AM		BEGINS				BEGINS		5:00 PM	
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	2	1	0	3					4	0	2	6
SOUTHBOUND	0	1	4	5					0	6	1	7
EASTBOUND	0	40	4	44					4	60	2	66
WESTBOUND	0	44	0	44					2	42	0	44

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.38				0.50	
SOUTHBOUND	0.63	0.86			0.88	0.90
EASTBOUND	0.92				0.92	
WESTBOUND	0.79				0.69	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	25.0%	2.3%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	6.8%	0.0%	6.8%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	2	3	5	13	21	34	39
7:00 AM	TO	8:00 AM	1	6	7	45	38	83	90
8:00 AM	TO	9:00 AM	2	2	4	20	27	47	51
3:00 PM	TO	4:00 PM	5	4	9	58	35	93	102
4:00 PM	TO	5:00 PM	6	1	7	55	38	93	100
5:00 PM	TO	6:00 PM	6	7	13	66	44	110	123
6:00 PM	TO	7:00 PM	1	4	5	37	27	64	69
TOTAL VOLUME			23	27	50	294	230	524	574
PERCENTAGE			4.0%	4.7%	8.7%	51.2%	40.1%	91.3%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(35) 206th Street & Victory Chapel Road
2/14/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	0	0	0	0	0	0	2	0	2
7:00 AM - 8:00 AM	1	0	1	0	0	0	0	0	0	1	0	1
8:00 AM - 9:00 AM	1	0	1	1	0	1	0	0	0	2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	1	4	1	0	1	0	0	0	4	1	5
4:00 PM - 5:00 PM	3	1	4	2	0	2	0	0	0	5	1	6
5:00 PM - 6:00 PM	4	0	4	0	0	0	2	0	2	6	0	6
6:00 PM - 7:00 PM	0	0	0	1	0	1	0	0	0	1	0	1
PASSENGER	14 87.5%			5 100.0%			2 100.0%			21 91.3%		
TRUCK	2 12.5%			0 0.0%			0 0.0%			2 8.7%		
BOTH	16 69.6%			5 21.7%			2 8.7%			23 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	3	0	3	3	0	3
7:00 AM - 8:00 AM	0	0	0	2	0	2	4	0	4	6	0	6
8:00 AM - 9:00 AM	0	0	0	0	0	0	2	0	2	2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	2	0	2	2	0	2	4	0	4
4:00 PM - 5:00 PM	0	0	0	1	0	1	0	0	0	1	0	1
5:00 PM - 6:00 PM	0	0	0	6	0	6	1	0	1	7	0	7
6:00 PM - 7:00 PM	0	0	0	2	0	2	2	0	2	4	0	4
PASSENGER	0 #DIV/0!			13 100.0%			14 100.0%			27 100.0%		
TRUCK	0 #DIV/0!			0 0.0%			0 0.0%			0 0.0%		
BOTH	0 0.0%			13 48.1%			14 51.9%			27 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	13	0	13	0	0	0	13	0	13
7:00 AM - 8:00 AM	0	0	0	42	0	42	3	0	3	45	0	45
8:00 AM - 9:00 AM	0	0	0	18	0	18	1	1	2	19	1	20
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	52	3	55	1	1	2	54	4	58
4:00 PM - 5:00 PM	1	0	1	51	1	52	2	0	2	54	1	55
5:00 PM - 6:00 PM	4	0	4	60	0	60	2	0	2	66	0	66
6:00 PM - 7:00 PM	3	0	3	33	0	33	1	0	1	37	0	37
PASSENGER	9 100.0%			269 98.5%			10 83.3%			288 98.0%		
TRUCK	0 0.0%			4 1.5%			2 16.7%			6 2.0%		
BOTH	9 3.1%			273 92.9%			12 4.1%			294 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	19	2	21	0	0	0	19	2	21
7:00 AM - 8:00 AM	0	0	0	38	0	38	0	0	0	38	0	38
8:00 AM - 9:00 AM	0	0	0	24	3	27	0	0	0	24	3	27
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	34	1	35	0	0	0	34	1	35
4:00 PM - 5:00 PM	0	0	0	37	1	38	0	0	0	37	1	38
5:00 PM - 6:00 PM	2	0	2	42	0	42	0	0	0	44	0	44
6:00 PM - 7:00 PM	0	0	0	27	0	27	0	0	0	27	0	27
PASSENGER	2 100.0%			221 96.9%			0 #DIV/0!			223 97.0%		
TRUCK	0 0.0%			7 3.1%			0 #DIV/0!			7 3.0%		
BOTH	2 0.9%			228 99.1%			0 0.0%			230 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(36) 206th Street & Olio Road
9/12/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	1	0	1	2					0	0	1
SOUTHBOUND	1	1	1	3					0	1	1	2
EASTBOUND	1	61	1	63					3	118	0	121
WESTBOUND	0	61	0	61					0	56	0	56

PEAK HOUR FACTOR									
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR			PM PEAK HOUR FACTOR		
	APPROACH		INTERSECTION	APPROACH		INTERSECTION	APPROACH		INTERSECTION
	NORTHBOUND	0.50		0.77				0.25	
SOUTHBOUND	0.75				0.25				
EASTBOUND	0.72				0.70				
WESTBOUND	0.85				0.70				

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%	0.0%	100.0%	50.0%					0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	100.0%	0.0%	33.3%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	4.2%	0.0%	4.1%
WESTBOUND	0.0%	4.9%	0.0%	4.9%					0.0%	1.8%	0.0%	1.8%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	5	5	17	42	59	64
7:00 AM	TO	8:00 AM	2	3	5	63	61	124	129
8:00 AM	TO	9:00 AM	1	0	1	15	23	38	39
3:00 PM	TO	4:00 PM	1	3	4	47	42	89	93
4:00 PM	TO	5:00 PM	0	4	4	97	48	145	149
5:00 PM	TO	6:00 PM	1	2	3	94	60	154	157
6:00 PM	TO	7:00 PM	1	1	2	58	45	103	105
TOTAL VOLUME			6	18	24	391	321	712	736
PERCENTAGE			0.8%	2.4%	3.3%	53.1%	43.6%	96.7%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(36) 206th Street & Olio Road
9/12/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	1	0	1	0	0	0	0	1	1	1	1	2
8:00 AM - 9:00 AM	0	0	0	1	0	1	0	0	0	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	0	0	0	0	0	0	1	0	1
4:00 PM - 5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM - 6:00 PM	0	0	0	0	0	0	1	0	1	1	0	1
6:00 PM - 7:00 PM	0	0	0	1	0	1	0	0	0	1	0	1
PASSENGER	2 100.0%			2 100.0%			1 50.0%			5 83.3%		
TRUCK	0 0.0%			0 0.0%			1 50.0%			1 16.7%		
BOTH	2 33.3%			2 33.3%			2 33.3%			6 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	1	1	0	1	1	3	0	3	3	2	5
7:00 AM - 8:00 AM	1	0	1	0	1	1	1	0	1	2	1	3
8:00 AM - 9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	0	0	0	2	0	2	3	0	3
4:00 PM - 5:00 PM	1	0	1	1	0	1	2	0	2	4	0	4
5:00 PM - 6:00 PM	0	0	0	2	0	2	0	0	0	2	0	2
6:00 PM - 7:00 PM	0	0	0	0	0	0	1	0	1	1	0	1
PASSENGER	3 75.0%			3 60.0%			9 100.0%			15 83.3%		
TRUCK	1 25.0%			2 40.0%			0 0.0%			3 16.7%		
BOTH	4 22.2%			5 27.8%			9 50.0%			18 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	16	1	17	0	0	0	16	1	17
7:00 AM - 8:00 AM	1	0	1	61	0	61	1	0	1	63	0	63
8:00 AM - 9:00 AM	0	0	0	15	0	15	0	0	0	15	0	15
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	41	4	45	0	0	0	43	4	47
4:00 PM - 5:00 PM	3	0	3	92	2	94	0	0	0	95	2	97
5:00 PM - 6:00 PM	2	0	2	88	4	92	0	0	0	90	4	94
6:00 PM - 7:00 PM	1	0	1	55	2	57	0	0	0	56	2	58
PASSENGER	9 100.0%			368 96.6%			1 100.0%			378 96.7%		
TRUCK	0 0.0%			13 3.4%			0 0.0%			13 3.3%		
BOTH	9 2.3%			381 97.4%			1 0.3%			391 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	41	1	42	0	0	0	41	1	42
7:00 AM - 8:00 AM	0	0	0	58	3	61	0	0	0	58	3	61
8:00 AM - 9:00 AM	0	1	1	20	1	21	0	1	1	20	3	23
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	39	1	40	1	1	2	40	2	42
4:00 PM - 5:00 PM	1	0	1	45	1	46	1	0	1	47	1	48
5:00 PM - 6:00 PM	0	0	0	60	0	60	0	0	0	60	0	60
6:00 PM - 7:00 PM	0	0	0	45	0	45	0	0	0	45	0	45
PASSENGER	1 50.0%			308 97.8%			2 50.0%			311 96.9%		
TRUCK	1 50.0%			7 2.2%			2 50.0%			10 3.1%		
BOTH	2 0.6%			315 98.1%			4 1.2%			321 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(37) 206th Street & Durbin Road
9/13/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	1		1	2					3		3
EASTBOUND	0	62		62					5	94		99
WESTBOUND		54	2	56						55	1	56

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.50				0.50
EASTBOUND	0.82	0.86			0.85	0.73
WESTBOUND	0.82				0.58	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%
EASTBOUND	0.0%	4.8%		4.8%					0.0%	12.8%		12.1%
WESTBOUND		1.9%	0.0%	1.8%						10.9%	0.0%	10.7%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		1	1	25	20	45	46
7:00 AM	TO	8:00 AM		2	2	62	56	118	120
8:00 AM	TO	9:00 AM		6	6	24	23	47	53
3:00 PM	TO	4:00 PM		2	2	50	36	86	88
4:00 PM	TO	5:00 PM		1	1	89	38	127	128
5:00 PM	TO	6:00 PM		8	8	96	56	152	160
6:00 PM	TO	7:00 PM		1	1	62	49	111	112
TOTAL VOLUME				21	21	408	278	686	707
PERCENTAGE				3.0%	3.0%	57.7%	39.3%	97.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(37) 206th Street & Durbin Road
9/13/2018

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1				0	0	0	1	0	1
7:00 AM - 8:00 AM	1	0	1				1	0	1	2	0	2
8:00 AM - 9:00 AM	2	0	2				4	0	4	6	0	6
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1				1	0	1	2	0	2
4:00 PM - 5:00 PM	1	0	1				0	0	0	1	0	1
5:00 PM - 6:00 PM	4	0	4				4	0	4	8	0	8
6:00 PM - 7:00 PM	0	0	0				1	0	1	1	0	1
PASSENGER	10 100.0%						11 100.0%			21 100.0%		
TRUCK	0 0.0%						0 0.0%			0 0.0%		
BOTH	10 47.6%						11 52.4%			21 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	22	3	25				22	3	25
7:00 AM - 8:00 AM	0	0	0	59	3	62				59	3	62
8:00 AM - 9:00 AM	0	0	0	23	1	24				23	1	24
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	45	5	50				45	5	50
4:00 PM - 5:00 PM	5	0	5	76	8	84				81	8	89
5:00 PM - 6:00 PM	3	0	3	81	12	93				84	12	96
6:00 PM - 7:00 PM	1	0	1	52	9	61				53	9	62
PASSENGER	9 100.0%			358 89.7%						367 90.0%		
TRUCK	0 0.0%			41 10.3%						41 10.0%		
BOTH	9 2.2%			399 97.8%						408 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				18	2	20	0	0	0	18	2	20
7:00 AM - 8:00 AM				53	1	54	2	0	2	55	1	56
8:00 AM - 9:00 AM				17	5	22	0	1	1	17	6	23
PM TIME PERIOD												
3:00 PM - 4:00 PM				31	4	35	0	1	1	31	5	36
4:00 PM - 5:00 PM				34	4	38	0	0	0	34	4	38
5:00 PM - 6:00 PM				49	5	54	2	0	2	51	5	56
6:00 PM - 7:00 PM				40	9	49	0	0	0	40	9	49
PASSENGER				242 89.0%			4 66.7%			246 88.5%		
TRUCK				30 11.0%			2 33.3%			32 11.5%		
BOTH				272 97.8%			6 2.2%			278 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(38) 206th Street & Prairie Baptist Road
9/5/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	5	12	2	19					13	15	4	32
SOUTHBOUND	4	14	4	22					3	19	5	27
EASTBOUND	0	42	14	56					9	59	12	80
WESTBOUND	9	44	6	59					6	28	7	41

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.79				0.73	
SOUTHBOUND	0.69	0.81			0.75	0.94
EASTBOUND	0.78				0.74	
WESTBOUND	0.87				0.64	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	16.7%	0.0%	10.5%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	5.3%	0.0%	3.7%
EASTBOUND	0.0%	2.4%	0.0%	1.8%					0.0%	5.1%	0.0%	3.8%
WESTBOUND	0.0%	2.3%	0.0%	1.7%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	6	6	12	16	26	42	54
7:00 AM	TO	8:00 AM	19	22	41	56	59	115	156
8:00 AM	TO	9:00 AM	9	8	17	17	16	33	50
3:00 PM	TO	4:00 PM	21	16	37	48	26	74	111
4:00 PM	TO	5:00 PM	25	17	42	80	31	111	153
5:00 PM	TO	6:00 PM	31	30	61	69	41	110	171
6:00 PM	TO	7:00 PM	33	21	54	62	34	96	150
TOTAL VOLUME			144	120	264	348	233	581	845
PERCENTAGE			17.0%	14.2%	31.2%	41.2%	27.6%	68.8%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(38) 206th Street & Prairie Baptist Road
9/5/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	1	3	3	0	3	0	0	0	5	1	6
7:00 AM - 8:00 AM	5	0	5	10	2	12	2	0	2	17	2	19
8:00 AM - 9:00 AM	4	1	5	3	0	3	0	1	1	7	2	9
PM TIME PERIOD												
3:00 PM - 4:00 PM	6	0	6	10	2	12	3	0	3	19	2	21
4:00 PM - 5:00 PM	6	0	6	16	0	16	2	1	3	24	1	25
5:00 PM - 6:00 PM	12	0	12	15	0	15	4	0	4	31	0	31
6:00 PM - 7:00 PM	13	0	13	12	0	12	8	0	8	33	0	33
PASSENGER	48 96.0%			69 94.5%			19 90.5%			136 94.4%		
TRUCK	2 4.0%			4 5.5%			2 9.5%			8 5.6%		
BOTH	50 34.7%			73 50.7%			21 14.6%			144 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	5	0	5	0	0	0	6	0	6
7:00 AM - 8:00 AM	4	0	4	14	0	14	4	0	4	22	0	22
8:00 AM - 9:00 AM	1	0	1	3	1	4	3	0	3	7	1	8
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	0	4	7	1	8	3	1	4	14	2	16
4:00 PM - 5:00 PM	2	0	2	11	1	12	3	0	3	16	1	17
5:00 PM - 6:00 PM	4	0	4	19	1	20	6	0	6	29	1	30
6:00 PM - 7:00 PM	3	0	3	11	2	13	5	0	5	19	2	21
PASSENGER	19 100.0%			70 92.1%			24 96.0%			113 94.2%		
TRUCK	0 0.0%			6 7.9%			1 4.0%			7 5.8%		
BOTH	19 15.8%			76 63.3%			25 20.8%			120 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	10	1	11	4	1	5	14	2	16
7:00 AM - 8:00 AM	0	0	0	41	1	42	14	0	14	55	1	56
8:00 AM - 9:00 AM	1	0	1	11	1	12	4	0	4	16	1	17
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3	36	1	37	8	0	8	47	1	48
4:00 PM - 5:00 PM	6	1	7	56	2	58	15	0	15	77	3	80
5:00 PM - 6:00 PM	7	0	7	46	2	48	14	0	14	67	2	69
6:00 PM - 7:00 PM	6	0	6	41	0	41	15	0	15	62	0	62
PASSENGER	23 95.8%			241 96.8%			74 98.7%			338 97.1%		
TRUCK	1 4.2%			8 3.2%			1 1.3%			10 2.9%		
BOTH	24 6.9%			249 71.6%			75 21.6%			348 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	23	0	23	1	1	2	25	1	26
7:00 AM - 8:00 AM	9	0	9	43	1	44	6	0	6	58	1	59
8:00 AM - 9:00 AM	2	0	2	12	0	12	2	0	2	16	0	16
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	21	0	21	2	2	4	24	2	26
4:00 PM - 5:00 PM	4	0	4	23	0	23	4	0	4	31	0	31
5:00 PM - 6:00 PM	6	0	6	30	0	30	5	0	5	41	0	41
6:00 PM - 7:00 PM	2	0	2	29	0	29	3	0	3	34	0	34
PASSENGER	25 100.0%			181 99.5%			23 88.5%			229 98.3%		
TRUCK	0 0.0%			1 0.5%			3 11.5%			4 1.7%		
BOTH	25 10.7%			182 78.1%			26 11.2%			233 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(39) 206th Street & Cyntheanne Road
4/25/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1	2	0	3					2	8	5	15
SOUTHBOUND	1	8	4	13					0	0	0	0
EASTBOUND	0	39	3	42					0	49	1	50
WESTBOUND	4	40	1	45					2	36	1	39

PEAK HOUR FACTOR							
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION		APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.38					0.63	
SOUTHBOUND	0.65	0.86				#DIV/0!	0.90
EASTBOUND	0.88					0.78	
WESTBOUND	0.87					0.75	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	12.5%	0.0%	6.7%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	4.1%	0.0%	4.0%
WESTBOUND	25.0%	0.0%	0.0%	2.2%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	4	4	14	19	33	37
7:00 AM	TO	8:00 AM	3	13	16	42	45	87	103
8:00 AM	TO	9:00 AM	4	3	7	15	15	30	37
3:00 PM	TO	4:00 PM	7	6	13	45	21	66	79
4:00 PM	TO	5:00 PM	22	7	29	31	30	61	90
5:00 PM	TO	6:00 PM	15	0	15	50	39	89	104
6:00 PM	TO	7:00 PM	6	5	11	31	24	55	66
TOTAL VOLUME			57	38	95	228	193	421	516
PERCENTAGE			11.0%	7.4%	18.4%	44.2%	37.4%	81.6%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(39) 206th Street & Cyntheanne Road
4/25/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	1	0	1	2	0	2	0	0	0	3	0	3
8:00 AM - 9:00 AM	0	1	1	1	0	1	2	0	2	3	1	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	0	4	2	0	2	1	0	1	7	0	7
4:00 PM - 5:00 PM	12	1	13	3	0	3	6	0	6	21	1	22
5:00 PM - 6:00 PM	2	0	2	7	1	8	5	0	5	14	1	15
6:00 PM - 7:00 PM	3	0	3	2	0	2	1	0	1	6	0	6
PASSENGER	22 91.7%			17 94.4%			15 100.0%			54 94.7%		
TRUCK	2 8.3%			1 5.6%			0 0.0%			3 5.3%		
BOTH	24 42.1%			18 31.6%			15 26.3%			57 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	4	0	4	0	0	0	4	0	4
7:00 AM - 8:00 AM	1	0	1	8	0	8	4	0	4	13	0	13
8:00 AM - 9:00 AM	2	0	2	0	0	0	1	0	1	3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	4	0	4	1	0	1	6	0	6
4:00 PM - 5:00 PM	3	0	3	3	0	3	1	0	1	7	0	7
5:00 PM - 6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM - 7:00 PM	2	0	2	1	0	1	2	0	2	5	0	5
PASSENGER	9 100.0%			20 100.0%			9 100.0%			38 100.0%		
TRUCK	0 0.0%			0 0.0%			0 0.0%			0 0.0%		
BOTH	9 23.7%			20 52.6%			9 23.7%			38 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	10	1	11	3	0	3	13	1	14
7:00 AM - 8:00 AM	0	0	0	39	0	39	3	0	3	42	0	42
8:00 AM - 9:00 AM	0	0	0	15	0	15	0	0	0	15	0	15
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	40	3	43	2	0	2	42	3	45
4:00 PM - 5:00 PM	2	0	2	23	1	24	5	0	5	30	1	31
5:00 PM - 6:00 PM	0	0	0	47	2	49	1	0	1	48	2	50
6:00 PM - 7:00 PM	6	0	6	23	1	24	1	0	1	30	1	31
PASSENGER	8 100.0%			197 96.1%			15 100.0%			220 96.5%		
TRUCK	0 0.0%			8 3.9%			0 0.0%			8 3.5%		
BOTH	8 3.5%			205 89.9%			15 6.6%			228 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	17	0	17	1	0	1	19	0	19
7:00 AM - 8:00 AM	3	1	4	40	0	40	1	0	1	44	1	45
8:00 AM - 9:00 AM	4	0	4	9	2	11	0	0	0	13	2	15
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	20	1	21	0	0	0	20	1	21
4:00 PM - 5:00 PM	2	0	2	24	0	24	3	1	4	29	1	30
5:00 PM - 6:00 PM	2	0	2	36	0	36	1	0	1	39	0	39
6:00 PM - 7:00 PM	0	0	0	22	1	23	1	0	1	23	1	24
PASSENGER	12 92.3%			168 97.7%			7 87.5%			187 96.9%		
TRUCK	1 7.7%			4 2.3%			1 12.5%			6 3.1%		
BOTH	13 6.7%			172 89.1%			8 4.1%			193 100.0%		

206TH ST & SR 13 - TMC

Thu Aug 30, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557743, Location: 40.089259, -85.863203, Site Code: I-40

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-30																					
6:30AM	3	12	0	0	15	0	58	3	0	61	2	1	0	0	3	0	1	1	0	2	81
6:45AM	2	24	0	0	26	6	54	0	0	60	0	2	3	0	5	0	10	2	0	12	103
Hourly Total	5	36	0	0	41	6	112	3	0	121	2	3	3	0	8	0	11	3	0	14	184
7:00AM	5	25	0	0	30	1	22	5	0	28	5	1	6	0	12	0	6	2	0	8	78
7:15AM	1	37	0	0	38	0	40	0	0	40	0	5	5	0	10	0	6	0	0	6	94
7:30AM	2	31	0	0	33	0	54	6	0	60	1	2	6	0	9	1	2	1	0	4	106
7:45AM	6	29	0	0	35	1	53	4	0	58	4	4	4	0	12	0	3	4	0	7	112
Hourly Total	14	122	0	0	136	2	169	15	0	186	10	12	21	0	43	1	17	7	0	25	390
8:00AM	3	22	0	0	25	2	32	4	0	38	1	4	3	0	8	0	5	2	0	7	78
8:15AM	2	24	0	0	26	1	26	0	0	27	3	4	3	0	10	0	1	4	0	5	68
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	5	46	0	0	51	3	58	4	0	65	4	8	6	0	18	0	6	6	0	12	146
3:00PM	1	33	0	1	35	2	20	0	0	22	1	4	5	0	10	0	1	2	0	3	70
3:15PM	3	30	0	0	33	1	19	0	0	20	3	2	0	0	5	0	3	6	0	9	67
3:30PM	4	28	0	0	32	2	30	2	0	34	1	3	3	0	7	0	1	3	0	4	77
3:45PM	5	41	0	0	46	1	30	1	0	32	0	3	2	0	5	0	2	0	0	2	85
Hourly Total	13	132	0	1	146	6	99	3	0	108	5	12	10	0	27	0	7	11	0	18	299
4:00PM	3	38	0	0	41	2	19	2	0	23	2	1	14	0	17	0	2	2	0	4	85
4:15PM	3	44	0	0	47	2	39	2	0	43	4	2	4	0	10	0	2	3	0	5	105
4:30PM	2	43	0	0	45	1	45	2	0	48	4	2	4	0	10	0	5	4	0	9	112
4:45PM	2	44	1	0	47	3	46	2	0	51	3	4	5	0	12	0	3	0	0	3	113
Hourly Total	10	169	1	0	180	8	149	8	0	165	13	9	27	0	49	0	12	9	0	21	415
5:00PM	8	46	0	0	54	0	45	3	0	48	6	7	10	0	23	0	4	2	0	6	131
5:15PM	5	46	0	0	51	1	49	2	0	52	2	4	3	0	9	0	5	1	0	6	118
5:30PM	2	42	0	0	44	2	37	2	0	41	2	7	5	0	14	0	4	1	0	5	104
5:45PM	3	35	0	0	38	2	45	0	0	47	4	7	12	0	23	0	0	8	0	8	116
Hourly Total	18	169	0	0	187	5	176	7	0	188	14	25	30	0	69	0	13	12	0	25	469
6:00PM	4	43	0	0	47	1	38	1	0	40	1	7	8	0	16	0	2	3	0	5	108
6:15PM	2	36	1	0	39	1	28	0	0	29	4	7	3	0	14	0	1	3	0	4	86
6:30PM	2	24	1	0	27	1	26	2	0	29	2	5	2	0	9	0	2	3	0	5	70
6:45PM	5	34	0	0	39	1	27	0	0	28	1	6	3	0	10	0	3	1	0	4	81
Hourly Total	13	137	2	0	152	4	119	3	0	126	8	25	16	0	49	0	8	10	0	18	345
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	78	811	3	1	893	34	882	43	0	959	56	94	113	0	263	1	74	58	0	133	2248
% Approach	8.7%	90.8%	0.3%	0.1%	-	3.5%	92.0%	4.5%	0%	-	21.3%	35.7%	43.0%	0%	-	0.8%	55.6%	43.6%	0%	-	-
% Total	3.5%	36.1%	0.1%	0%	39.7%	1.5%	39.2%	1.9%	0%	42.7%	2.5%	4.2%	5.0%	0%	11.7%	0%	3.3%	2.6%	0%	5.9%	-
Lights and Motorcycles	76	764	3	1	844	33	832	43	0	908	56	90	104	0	250	0	68	57	0	125	2127
% Lights and Motorcycles	97.4%	94.2%	100%	100%	94.5%	97.1%	94.3%	100%	0%	94.7%	100%	95.7%	92.0%	0%	95.1%	0%	91.9%	98.3%	0%	94.0%	94.6%
Heavy	2	47	0	0	49	1	50	0	0	51	0	4	9	0	13	1	6	1	0	8	121
% Heavy	2.6%	5.8%	0%	0%	5.5%	2.9%	5.7%	0%	0%	5.3%	0%	4.3%	8.0%	0%	4.9%	100%	8.1%	1.7%	0%	6.0%	5.4%

* L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 13 - TMC

Thu Aug 30, 2018

AM Peak (7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557743, Location: 40.089259, -85.863203, Site Code: I-40

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-30																					
7:00AM	5	25	0	0	30	1	22	5	0	28	5	1	6	0	12	0	6	2	0	8	78
7:15AM	1	37	0	0	38	0	40	0	0	40	0	5	5	0	10	0	6	0	0	6	94
7:30AM	2	31	0	0	33	0	54	6	0	60	1	2	6	0	9	1	2	1	0	4	106
7:45AM	6	29	0	0	35	1	53	4	0	58	4	4	4	0	12	0	3	4	0	7	112
Total	14	122	0	0	136	2	169	15	0	186	10	12	21	0	43	1	17	7	0	25	390
% Approach	10.3%	89.7%	0%	0%	-	1.1%	90.9%	8.1%	0%	-	23.3%	27.9%	48.8%	0%	-	4.0%	68.0%	28.0%	0%	-	-
% Total	3.6%	31.3%	0%	0%	34.9%	0.5%	43.3%	3.8%	0%	47.7%	2.6%	3.1%	5.4%	0%	11.0%	0.3%	4.4%	1.8%	0%	6.4%	-
PHF	0.583	0.824	-	-	0.895	0.500	0.782	0.625	-	0.775	0.500	0.600	0.875	-	0.896	0.250	0.708	0.438	-	0.781	0.871
Lights and Motorcycles	14	114	0	0	128	2	163	15	0	180	10	12	20	0	42	0	14	7	0	21	371
% Lights and Motorcycles	100%	93.4%	0%	0%	94.1%	100%	96.4%	100%	0%	96.8%	100%	100%	95.2%	0%	97.7%	0%	82.4%	100%	0%	84.0%	95.1%
Heavy	0	8	0	0	8	0	6	0	0	6	0	0	1	0	1	1	3	0	0	4	19
% Heavy	0%	6.6%	0%	0%	5.9%	0%	3.6%	0%	0%	3.2%	0%	0%	4.8%	0%	2.3%	100%	17.6%	0%	0%	16.0%	4.9%

*L: Left, R: Right, T: Thru, U: U-Turn

206TH ST & SR 13 - TMC

Thu Aug 30, 2018

PM Peak (4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557743, Location: 40.089259, -85.863203, Site Code: I-40

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-08-30																						
4:30PM	2	43	0	0	45	1	45	2	0	48	4	2	4	0	10	0	5	4	0	9		112
4:45PM	2	44	1	0	47	3	46	2	0	51	3	4	5	0	12	0	3	0	0	3		113
5:00PM	8	46	0	0	54	0	45	3	0	48	6	7	10	0	23	0	4	2	0	6		131
5:15PM	5	46	0	0	51	1	49	2	0	52	2	4	3	0	9	0	5	1	0	6		118
Total	17	179	1	0	197	5	185	9	0	199	15	17	22	0	54	0	17	7	0	24		474
% Approach	8.6%	90.9%	0.5%	0%	-	2.5%	93.0%	4.5%	0%	-	27.8%	31.5%	40.7%	0%	-	0%	70.8%	29.2%	0%	-		-
% Total	3.6%	37.8%	0.2%	0%	41.6%	1.1%	39.0%	1.9%	0%	42.0%	3.2%	3.6%	4.6%	0%	11.4%	0%	3.6%	1.5%	0%	5.1%		-
PHF	0.531	0.973	0.250	-	0.912	0.417	0.944	0.750	-	0.957	0.625	0.607	0.550	-	0.587	-	0.850	0.438	-	0.667		0.905
Lights and Motorcycles	16	172	1	0	189	5	170	9	0	184	15	14	19	0	48	0	16	7	0	23		444
% Lights and Motorcycles	94.1%	96.1%	100%	0%	95.9%	100%	91.9%	100%	0%	92.5%	100%	82.4%	86.4%	0%	88.9%	0%	94.1%	100%	0%	95.8%		93.7%
Heavy	1	7	0	0	8	0	15	0	0	15	0	3	3	0	6	0	1	0	0	1		30
% Heavy	5.9%	3.9%	0%	0%	4.1%	0%	8.1%	0%	0%	7.5%	0%	17.6%	13.6%	0%	11.1%	0%	5.9%	0%	0%	4.2%		6.3%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (41) Cyntheanne Road & Montana Avenue
 8/30/2018
 AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:15 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND		7	3	10						12	3
SOUTHBOUND	1	6		7					0	16		16
WESTBOUND	1		0	1					3		1	4

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.83				0.94
SOUTHBOUND	0.58	0.75			0.44	0.63
WESTBOUND	0.25				0.50	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND		14.3%	66.7%	30.0%						0.0%	0.0%
SOUTHBOUND	0.0%	0.0%		0.0%					0.0%	0.0%		0.0%
WESTBOUND	0.0%		0.0%	0.0%					0.0%		100.0%	25.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	8	8		0	0	8
7:00 AM	TO	8:00 AM	8	4	12		0	0	12
8:00 AM	TO	9:00 AM	5	3	8		1	1	9
3:00 PM	TO	4:00 PM	6	8	14		6	6	20
4:00 PM	TO	5:00 PM	16	11	27		2	2	29
5:00 PM	TO	6:00 PM	15	11	26		3	3	29
6:00 PM	TO	7:00 PM	6	4	10		0	0	10
TOTAL VOLUME			56	49	105		12	12	117
PERCENTAGE			47.9%	41.9%	89.7%		10.3%	10.3%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(41) Cyntheanne Road & Montana Avenue
8/30/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM				7	0	7	0	1	1	7	1	8
8:00 AM - 9:00 AM				2	1	3	1	1	2	3	2	5
PM TIME PERIOD												
3:00 PM - 4:00 PM				5	0	5	1	0	1	6	0	6
4:00 PM - 5:00 PM				12	0	12	2	2	4	14	2	16
5:00 PM - 6:00 PM				14	0	14	1	0	1	15	0	15
6:00 PM - 7:00 PM				5	0	5	1	0	1	6	0	6
PASSENGER				45 97.8%			6 60.0%			51 91.1%		
TRUCK				1 2.2%			4 40.0%			5 8.9%		
BOTH				46 82.1%			10 17.9%			56 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	7	0	7				8	0	8
7:00 AM - 8:00 AM	1	0	1	3	0	3				4	0	4
8:00 AM - 9:00 AM	0	0	0	3	0	3				3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	8	0	8				8	0	8
4:00 PM - 5:00 PM	0	1	1	10	0	10				10	1	11
5:00 PM - 6:00 PM	0	0	0	11	0	11				11	0	11
6:00 PM - 7:00 PM	0	0	0	4	0	4				4	0	4
PASSENGER	2 66.7%			46 100.0%						48 98.0%		
TRUCK	1 33.3%			0 0.0%						1 2.0%		
BOTH	3 6.1%			46 93.9%						49 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0				0	0	0	0	0	0
8:00 AM - 9:00 AM	1	0	1				0	0	0	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0				6	0	6	6	0	6
4:00 PM - 5:00 PM	2	0	2				0	0	0	2	0	2
5:00 PM - 6:00 PM	2	0	2				0	1	1	2	1	3
6:00 PM - 7:00 PM	0	0	0				0	0	0	0	0	0
PASSENGER	5 100.0%						6 85.7%			11 91.7%		
TRUCK	0 0.0%						1 14.3%			1 8.3%		
BOTH	5 41.7%						7 58.3%			12 100.0%		

SR 37 & PROMISE RD - TMC

Wed Nov 7, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641191, Location: 40.080552, -85.972044, Site Code: i-42



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-07 3:00PM	3	0	22	0	25	0	0	0	0	0	0	113	3	0	116	9	95	1	0	105	246
3:15PM	2	0	23	0	25	0	0	0	0	0	0	133	1	0	134	17	73	0	0	90	249
3:30PM	0	0	23	0	23	0	0	0	0	0	0	127	0	0	127	23	82	0	0	105	255
3:45PM	1	0	21	0	22	0	0	0	0	0	0	132	3	0	135	19	78	0	0	97	254
Hourly Total	6	0	89	0	95	0	0	0	0	0	0	505	7	0	512	68	328	1	0	397	1004
4:00PM	2	0	24	0	26	0	0	0	0	0	0	176	0	0	176	26	56	0	0	82	284
4:15PM	2	0	27	0	29	0	0	0	0	0	0	148	1	0	149	29	78	0	0	107	285
4:30PM	0	0	25	0	25	0	0	0	0	0	0	155	3	0	158	19	95	0	0	114	297
4:45PM	2	0	31	0	33	0	0	0	0	0	0	131	2	0	133	24	74	0	0	98	264
Hourly Total	6	0	107	0	113	0	0	0	0	0	0	610	6	0	616	98	303	0	0	401	1130
5:00PM	3	0	42	0	45	0	0	0	0	0	1	149	1	0	151	34	91	0	0	125	321
5:15PM	1	0	42	0	43	0	0	1	0	1	0	164	4	0	168	39	118	0	0	157	369
5:30PM	3	0	35	0	38	0	0	0	0	0	0	135	4	0	139	33	118	0	0	151	328
5:45PM	0	0	30	0	30	0	0	0	0	0	0	139	2	0	141	34	83	0	0	117	288
Hourly Total	7	0	149	0	156	0	0	1	0	1	1	587	11	0	599	140	410	0	0	550	1306
6:00PM	0	0	29	0	29	0	0	0	0	0	0	88	2	0	90	16	79	0	0	95	214
6:15PM	0	0	27	0	27	0	0	0	0	0	0	114	0	0	114	17	80	0	0	97	238
6:30PM	1	0	21	0	22	0	0	0	0	0	0	111	1	0	112	13	72	0	0	85	219
6:45PM	0	0	20	0	20	0	0	0	0	0	0	94	1	0	95	13	55	0	0	68	183
Hourly Total	1	0	97	0	98	0	0	0	0	0	0	407	4	0	411	59	286	0	0	345	854
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-11-08 6:30AM	0	0	16	0	16	0	0	0	0	0	0	43	1	0	44	32	166	0	0	198	258
6:45AM	0	0	15	0	15	0	0	0	0	0	0	50	0	0	50	22	127	0	0	149	214
Hourly Total	0	0	31	0	31	0	0	0	0	0	0	93	1	0	94	54	293	0	0	347	472
7:00AM	1	0	25	0	26	0	0	0	0	0	0	48	1	0	49	19	115	0	0	134	209
7:15AM	0	0	30	0	30	0	0	1	0	1	0	78	0	0	78	24	147	0	0	171	280
7:30AM	0	0	21	0	21	0	0	0	0	0	0	70	0	0	70	47	132	0	0	179	270
7:45AM	3	0	23	0	26	0	0	0	0	0	0	57	1	0	58	36	122	0	0	158	242
Hourly Total	4	0	99	0	103	0	0	1	0	1	0	253	2	0	255	126	516	0	0	642	1001
8:00AM	1	0	13	0	14	0	0	0	0	0	0	64	2	0	66	24	118	0	0	142	222
8:15AM	2	0	29	0	31	0	0	0	0	0	0	83	1	0	84	22	113	0	0	135	250
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly Total	3	0	42	0	45	0	0	0	0	0	0	147	3	0	150	46	232	0	0	278	473
Total	27	0	614	0	641	0	0	2	0	2	1	2602	34	0	2637	591	2368	1	0	2960	6240
% Approach	4.2%	0%	95.8%	0%	-	0%	0%	100%	0%	-	0%	98.7%	1.3%	0%	-	20.0%	80.0%	0%	0%	-	-
% Total	0.4%	0%	9.8%	0%	10.3%	0%	0%	0%	0%	0%	0%	41.7%	0.5%	0%	42.3%	9.5%	37.9%	0%	0%	47.4%	-
Lights and Motorcycles	23	0	590	0	613	0	0	2	0	2	1	2451	29	0	2481	564	2266	1	0	2831	5927
% Lights and Motorcycles	85.2%	0%	96.1%	0%	95.6%	0%	0%	100%	0%	100%	100%	94.2%	85.3%	0%	94.1%	95.4%	95.7%	100%	0%	95.6%	95.0%
Heavy	4	0	24	0	28	0	0	0	0	0	0	151	5	0	156	27	102	0	0	129	313
% Heavy	14.8%	0%	3.9%	0%	4.4%	0%	0%	0%	0%	0%	0%	5.8%	14.7%	0%	5.9%	4.6%	4.3%	0%	0%	4.4%	5.0%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & PROMISE RD - TMC

Thu Nov 8, 2018

AM Peak (Nov 08 2018 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641191, Location: 40.080552, -85.972044, Site Code: i-42



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-08 7:15AM	0	0	30	0	30	0	0	1	0	1	0	78	0	0	78	24	147	0	0	171	280
7:30AM	0	0	21	0	21	0	0	0	0	0	0	70	0	0	70	47	132	0	0	179	270
7:45AM	3	0	23	0	26	0	0	0	0	0	0	57	1	0	58	36	122	0	0	158	242
8:00AM	1	0	13	0	14	0	0	0	0	0	0	64	2	0	66	24	118	0	0	142	222
Total	4	0	87	0	91	0	0	1	0	1	0	269	3	0	272	131	519	0	0	650	1014
% Approach	4.4%	0%	95.6%	0%	-	0%	0%	100%	0%	-	0%	98.9%	1.1%	0%	-	20.2%	79.8%	0%	0%	-	-
% Total	0.4%	0%	8.6%	0%	9.0%	0%	0%	0.1%	0%	0.1%	0%	26.5%	0.3%	0%	26.8%	12.9%	51.2%	0%	0%	64.1%	-
PHF	0.333	-	0.725	-	0.758	-	-	0.250	-	0.250	-	0.862	0.375	-	0.872	0.697	0.883	-	-	0.908	0.905
Lights and Motorcycles	4	0	83	0	87	0	0	1	0	1	0	236	2	0	238	127	501	0	0	628	954
% Lights and Motorcycles	100%	0%	95.4%	0%	95.6%	0%	0%	100%	0%	100%	0%	87.7%	66.7%	0%	87.5%	96.9%	96.5%	0%	0%	96.6%	94.1%
Heavy	0	0	4	0	4	0	0	0	0	0	0	33	1	0	34	4	18	0	0	22	60
% Heavy	0%	0%	4.6%	0%	4.4%	0%	0%	0%	0%	0%	0%	12.3%	33.3%	0%	12.5%	3.1%	3.5%	0%	0%	3.4%	5.9%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & PROMISE RD - TMC

Wed Nov 7, 2018

PM Peak (Nov 07 2018 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641191, Location: 40.080552, -85.972044, Site Code: i-42



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-11-07 5:00PM	3	0	42	0	45	0	0	0	0	0	1	149	1	0	151	34	91	0	0	125	321
5:15PM	1	0	42	0	43	0	0	1	0	1	0	164	4	0	168	39	118	0	0	157	369
5:30PM	3	0	35	0	38	0	0	0	0	0	0	135	4	0	139	33	118	0	0	151	328
5:45PM	0	0	30	0	30	0	0	0	0	0	0	139	2	0	141	34	83	0	0	117	288
Total	7	0	149	0	156	0	0	1	0	1	1	587	11	0	599	140	410	0	0	550	1306
% Approach	4.5%	0%	95.5%	0%	-	0%	0%	100%	0%	-	0.2%	98.0%	1.8%	0%	-	25.5%	74.5%	0%	0%	-	-
% Total	0.5%	0%	11.4%	0%	11.9%	0%	0%	0.1%	0%	0.1%	0.1%	44.9%	0.8%	0%	45.9%	10.7%	31.4%	0%	0%	42.1%	-
PHF	0.583	-	0.887	-	0.867	-	-	0.250	-	0.250	0.250	0.895	0.688	-	0.891	0.897	0.869	-	-	0.876	0.885
Lights and Motorcycles	7	0	148	0	155	0	0	1	0	1	1	568	10	0	579	137	400	0	0	537	1272
% Lights and Motorcycles	100%	0%	99.3%	0%	99.4%	0%	0%	100%	0%	100%	100%	96.8%	90.9%	0%	96.7%	97.9%	97.6%	0%	0%	97.6%	97.4%
Heavy	0	0	1	0	1	0	0	0	0	0	0	19	1	0	20	3	10	0	0	13	34
% Heavy	0%	0%	0.7%	0%	0.6%	0%	0%	0%	0%	0%	0%	3.2%	9.1%	0%	3.3%	2.1%	2.4%	0%	0%	2.4%	2.6%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(43) Overdorf Road & Riverwood Avenue
2/7/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	1		12	13					0		7
EASTBOUND	0	7		7					10	33		43
WESTBOUND		13	1	14						12	2	14

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.65				0.58
EASTBOUND	0.88	0.65			0.72	0.76
WESTBOUND	0.58				0.88	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	100.0%		0.0%	7.7%					0.0%		28.6%
EASTBOUND	0.0%	0.0%		0.0%					0.0%	3.0%		2.3%
WESTBOUND		15.4%	100.0%	21.4%						0.0%	50.0%	7.1%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		5	5	1	1	2	7
7:00 AM	TO	8:00 AM		14	14	7	12	19	33
8:00 AM	TO	9:00 AM		4	4	4	6	10	14
3:00 PM	TO	4:00 PM		7	7	43	14	57	64
4:00 PM	TO	5:00 PM		9	9	33	13	46	55
5:00 PM	TO	6:00 PM		6	6	29	13	42	48
6:00 PM	TO	7:00 PM		4	4	17	15	32	36
TOTAL VOLUME				49	49	134	74	208	257
PERCENTAGE				19.1%	19.1%	52.1%	28.8%	80.9%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(43) Overdorf Road & Riverwood Avenue
2/7/2019

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				4	1	5	4	1	5
7:00 AM - 8:00 AM	1	1	2				11	1	12	12	2	14
8:00 AM - 9:00 AM	0	0	0				4	0	4	4	0	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0				5	2	7	5	2	7
4:00 PM - 5:00 PM	1	0	1				8	0	8	9	0	9
5:00 PM - 6:00 PM	0	0	0				6	0	6	6	0	6
6:00 PM - 7:00 PM	2	0	2				2	0	2	4	0	4
PASSENGER	4 80.0%						40 90.9%			44 89.8%		
TRUCK	1 20.0%						4 9.1%			5 10.2%		
BOTH	5 10.2%						44 89.8%			49 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	1	0	1				1	0	1
7:00 AM - 8:00 AM	1	0	1	6	0	6				7	0	7
8:00 AM - 9:00 AM	0	0	0	4	0	4				4	0	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	10	0	10	32	1	33				42	1	43
4:00 PM - 5:00 PM	6	0	6	27	0	27				33	0	33
5:00 PM - 6:00 PM	6	0	6	23	0	23				29	0	29
6:00 PM - 7:00 PM	4	0	4	13	0	13				17	0	17
PASSENGER	27 100.0%			106 99.1%						133 99.3%		
TRUCK	0 0.0%			1 0.9%						1 0.7%		
BOTH	27 20.1%			107 79.9%						134 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				1	0	1	0	0	0	1	0	1
7:00 AM - 8:00 AM				9	1	10	1	1	2	10	2	12
8:00 AM - 9:00 AM				5	1	6	0	0	0	5	1	6
PM TIME PERIOD												
3:00 PM - 4:00 PM				12	0	12	1	1	2	13	1	14
4:00 PM - 5:00 PM				12	0	12	1	0	1	13	0	13
5:00 PM - 6:00 PM				11	0	11	2	0	2	13	0	13
6:00 PM - 7:00 PM				13	0	13	2	0	2	15	0	15
PASSENGER				63 96.9%			7 77.8%			70 94.6%		
TRUCK				2 3.1%			2 22.2%			4 5.4%		
BOTH				65 87.8%			9 12.2%			74 100.0%		

CUMBERLAND RD & RIVERWOOD AVE - TMC

Tue May 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656441, Location: 40.077614, -85.995685, Site Code: i-44



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-14																					
6:30AM	0	12	2	0	14	0	58	0	0	58	0	0	2	0	2	4	0	2	0	6	80
6:45AM	0	20	3	0	23	0	62	0	0	62	0	0	1	0	1	3	0	1	0	4	90
Hourly Total	0	32	5	0	37	0	120	0	0	120	0	0	3	0	3	7	0	3	0	10	170
7:00AM	0	34	0	0	34	0	103	0	0	103	0	0	11	0	11	4	1	0	0	5	153
7:15AM	0	23	1	0	24	0	91	0	0	91	0	0	1	0	1	2	0	0	0	2	118
7:30AM	1	32	2	0	35	0	84	0	0	84	0	0	5	0	5	7	0	1	0	8	132
7:45AM	1	26	6	0	33	0	73	0	0	73	0	0	1	0	1	9	0	1	0	10	117
Hourly Total	2	115	9	0	126	0	351	0	0	351	0	0	18	0	18	22	1	2	0	25	520
8:00AM	1	24	3	0	28	0	61	0	0	61	0	1	3	0	4	6	0	0	0	6	99
8:15AM	3	31	3	0	37	0	77	0	0	77	0	0	2	0	2	16	0	0	0	16	132
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	4	55	6	0	65	0	138	0	0	138	0	1	5	0	6	22	0	0	0	22	231
3:00PM	1	52	5	0	58	0	44	0	0	44	0	0	1	0	1	7	1	0	0	8	111
3:15PM	1	44	8	0	53	0	41	0	0	41	0	0	2	0	2	4	0	0	0	4	100
3:30PM	6	74	11	0	91	0	42	0	0	42	0	0	5	0	5	5	0	1	0	6	144
3:45PM	3	51	8	0	62	0	43	0	0	43	0	0	6	0	6	4	1	0	0	5	116
Hourly Total	11	221	32	0	264	0	170	0	0	170	0	0	14	0	14	20	2	1	0	23	471
4:00PM	3	76	10	0	89	1	34	0	0	35	0	0	1	0	1	2	0	0	0	2	127
4:15PM	3	60	12	0	75	0	40	0	0	40	1	0	3	0	4	5	1	0	0	6	125
4:30PM	2	71	10	0	83	1	43	0	0	44	0	0	6	0	6	3	0	1	0	4	137
4:45PM	7	76	18	0	101	1	46	0	0	47	0	0	6	0	6	8	1	0	0	9	163
Hourly Total	15	283	50	0	348	3	163	0	0	166	1	0	16	0	17	18	2	1	0	21	552
5:00PM	5	79	11	0	95	1	44	0	0	45	0	0	1	0	1	2	1	1	0	4	145
5:15PM	2	79	10	0	91	0	63	0	0	63	1	0	1	0	2	5	0	0	0	5	161
5:30PM	5	70	4	0	79	1	71	0	0	72	0	0	2	0	2	5	0	0	0	5	158
5:45PM	5	75	4	0	84	1	53	0	0	54	0	0	3	0	3	9	0	0	0	9	150
Hourly Total	17	303	29	0	349	3	231	0	0	234	1	0	7	0	8	21	1	1	0	23	614
6:00PM	2	66	8	0	76	0	42	1	0	43	1	0	3	0	4	5	0	0	0	5	128
6:15PM	4	48	14	0	66	0	47	0	0	47	0	1	4	0	5	6	0	2	0	8	126
6:30PM	5	55	7	0	67	0	42	2	0	44	0	0	3	0	3	3	0	0	0	3	117
6:45PM	6	37	9	0	52	0	29	1	0	30	0	0	4	0	4	4	1	0	0	5	91
Hourly Total	17	206	38	0	261	0	160	4	0	164	1	1	14	0	16	18	1	2	0	21	462
Total	66	1215	169	0	1450	6	1333	4	0	1343	3	2	77	0	82	128	7	10	0	145	3020
% Approach	4.6%	83.8%	11.7%	0%	-	0.4%	99.3%	0.3%	0%	-	3.7%	2.4%	93.9%	0%	-	88.3%	4.8%	6.9%	0%	-	-
% Total	2.2%	40.2%	5.6%	0%	48.0%	0.2%	44.1%	0.1%	0%	44.5%	0.1%	0.1%	2.5%	0%	2.7%	4.2%	0.2%	0.3%	0%	4.8%	-
Lights and Motorcycles	62	1189	163	0	1414	6	1309	4	0	1319	3	2	73	0	78	122	6	9	0	137	2948
% Lights and Motorcycles	93.9%	97.9%	96.4%	0%	97.5%	100%	98.2%	100%	0%	98.2%	100%	100%	94.8%	0%	95.1%	95.3%	85.7%	90.0%	0%	94.5%	97.6%
Heavy	4	26	6	0	36	0	24	0	0	24	0	0	4	0	4	6	1	1	0	8	72
% Heavy	6.1%	2.1%	3.6%	0%	2.5%	0%	1.8%	0%	0%	1.8%	0%	0%	5.2%	0%	4.9%	4.7%	14.3%	10.0%	0%	5.5%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & RIVERWOOD AVE - TMC

Tue May 14, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656441, Location: 40.077614, -85.995685, Site Code: i-44



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-14 7:00AM	0	34	0	0	34	0	103	0	0	103	0	0	11	0	11	4	1	0	0	5	153
7:15AM	0	23	1	0	24	0	91	0	0	91	0	0	1	0	1	2	0	0	0	2	118
7:30AM	1	32	2	0	35	0	84	0	0	84	0	0	5	0	5	7	0	1	0	8	132
7:45AM	1	26	6	0	33	0	73	0	0	73	0	0	1	0	1	9	0	1	0	10	117
Total	2	115	9	0	126	0	351	0	0	351	0	0	18	0	18	22	1	2	0	25	520
% Approach	1.6%	91.3%	7.1%	0%	-	0%	100%	0%	0%	-	0%	0%	100%	0%	-	88.0%	4.0%	8.0%	0%	-	-
% Total	0.4%	22.1%	1.7%	0%	24.2%	0%	67.5%	0%	0%	67.5%	0%	0%	3.5%	0%	3.5%	4.2%	0.2%	0.4%	0%	4.8%	-
PHF	0.500	0.846	0.375	-	0.900	-	0.852	-	-	0.852	-	-	0.409	-	0.409	0.611	0.250	0.500	-	0.625	0.850
Lights and Motorcycles	2	105	8	0	115	0	344	0	0	344	0	0	16	0	16	20	0	2	0	22	497
% Lights and Motorcycles	100%	91.3%	88.9%	0%	91.3%	0%	98.0%	0%	0%	98.0%	0%	0%	88.9%	0%	88.9%	90.9%	0%	100%	0%	88.0%	95.6%
Heavy	0	10	1	0	11	0	7	0	0	7	0	0	2	0	2	2	1	0	0	3	23
% Heavy	0%	8.7%	11.1%	0%	8.7%	0%	2.0%	0%	0%	2.0%	0%	0%	11.1%	0%	11.1%	9.1%	100%	0%	0%	12.0%	4.4%

*L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & RIVERWOOD AVE - TMC

Tue May 14, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656441, Location: 40.077614, -85.995685, Site Code: i-44



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-14 4:45PM	7	76	18	0	101	1	46	0	0	47	0	0	6	0	6	8	1	0	0	9	163
5:00PM	5	79	11	0	95	1	44	0	0	45	0	0	1	0	1	2	1	1	0	4	145
5:15PM	2	79	10	0	91	0	63	0	0	63	1	0	1	0	2	5	0	0	0	5	161
5:30PM	5	70	4	0	79	1	71	0	0	72	0	0	2	0	2	5	0	0	0	5	158
Total	19	304	43	0	366	3	224	0	0	227	1	0	10	0	11	20	2	1	0	23	627
% Approach	5.2%	83.1%	11.7%	0%	-	1.3%	98.7%	0%	0%	-	9.1%	0%	90.9%	0%	-	87.0%	8.7%	4.3%	0%	-	-
% Total	3.0%	48.5%	6.9%	0%	58.4%	0.5%	35.7%	0%	0%	36.2%	0.2%	0%	1.6%	0%	1.8%	3.2%	0.3%	0.2%	0%	3.7%	-
PHF	0.679	0.962	0.597	-	0.906	0.750	0.789	-	-	0.788	0.250	-	0.417	-	0.458	0.625	0.500	0.250	-	0.639	0.962
Lights and Motorcycles	18	303	43	0	364	3	224	0	0	227	1	0	10	0	11	19	2	1	0	22	624
% Lights and Motorcycles	94.7%	99.7%	100%	0%	99.5%	100%	100%	0%	0%	100%	100%	0%	100%	0%	100%	95.0%	100%	100%	0%	95.7%	99.5%
Heavy	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	3
% Heavy	5.3%	0.3%	0%	0%	0.5%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	5.0%	0%	0%	0%	4.3%	0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

BUTTONWOOD DR & LITTLE CHICAGO RD *AM - TMC

Tue Apr 23, 2019

Full Length (6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646820, Location: 40.079709, -86.071216, Site Code: i-45



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-04-23 6:30AM	14	3	0	17	0	91	0	91	11	5	0	16	124
6:45AM	20	2	0	22	0	156	0	156	26	2	0	28	206
Hourly Total	34	5	0	39	0	247	0	247	37	7	0	44	330
7:00AM	21	5	0	26	2	175	0	177	19	6	0	25	228
7:15AM	16	1	0	17	4	194	0	198	25	4	0	29	244
7:30AM	20	3	0	23	5	169	0	174	27	7	0	34	231
7:45AM	29	3	0	32	3	161	0	164	36	9	0	45	241
Hourly Total	86	12	0	98	14	699	0	713	107	26	0	133	944
8:00AM	39	7	0	46	9	151	0	160	22	4	0	26	232
8:15AM	25	8	0	33	8	155	0	163	28	4	0	32	228
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	64	15	0	79	17	306	0	323	50	8	0	58	460
Total	184	32	0	216	31	1252	0	1283	194	41	0	235	1734
% Approach	85.2%	14.8%	0%	-	2.4%	97.6%	0%	-	82.6%	17.4%	0%	-	-
% Total	10.6%	1.8%	0%	12.5%	1.8%	72.2%	0%	74.0%	11.2%	2.4%	0%	13.6%	-
Lights and Motorcycles	174	29	0	203	30	1235	0	1265	192	39	0	231	1699
% Lights and Motorcycles	94.6%	90.6%	0%	94.0%	96.8%	98.6%	0%	98.6%	99.0%	95.1%	0%	98.3%	98.0%
Heavy	10	3	0	13	1	17	0	18	2	2	0	4	35
% Heavy	5.4%	9.4%	0%	6.0%	3.2%	1.4%	0%	1.4%	1.0%	4.9%	0%	1.7%	2.0%

*L: Left, R: Right, T: Thru, U: U-Turn

BUTTONWOOD DR & LITTLE CHICAGO RD - TMC

Thu Apr 18, 2019

Full Length (3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646822, Location: 40.079709, -86.071216, Site Code: i-45



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-04-18 3:00PM	77	16	0	93	3	50	0	53	9	3	0	12	158
3:15PM	116	9	0	125	8	76	0	84	6	4	0	10	219
3:30PM	139	25	0	164	7	65	0	72	12	7	0	19	255
3:45PM	122	10	0	132	9	59	0	68	11	4	0	15	215
Hourly Total	454	60	0	514	27	250	0	277	38	18	0	56	847
4:00PM	106	13	0	119	7	57	0	64	12	3	0	15	198
4:15PM	113	15	0	128	8	72	0	80	5	4	0	9	217
4:30PM	136	28	0	164	5	82	0	87	9	3	0	12	263
4:45PM	134	26	0	160	10	77	0	87	16	6	0	22	269
Hourly Total	489	82	0	571	30	288	0	318	42	16	0	58	947
5:00PM	161	26	0	187	5	72	0	77	7	7	0	14	278
5:15PM	157	30	0	187	2	88	0	90	9	6	0	15	292
5:30PM	168	34	0	202	3	68	0	71	15	6	0	21	294
5:45PM	147	26	0	173	1	83	0	84	11	1	0	12	269
Hourly Total	633	116	0	749	11	311	0	322	42	20	0	62	1133
6:00PM	141	28	0	169	6	70	0	76	14	3	0	17	262
6:15PM	101	34	0	135	8	50	0	58	14	9	0	23	216
6:30PM	115	27	0	142	9	58	0	67	18	10	0	28	237
6:45PM	78	18	0	96	3	58	0	61	7	4	0	11	168
Hourly Total	435	107	0	542	26	236	0	262	53	26	0	79	883
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2011	365	0	2376	94	1085	0	1179	175	80	0	255	3810
% Approach	84.6%	15.4%	0%	-	8.0%	92.0%	0%	-	68.6%	31.4%	0%	-	-
% Total	52.8%	9.6%	0%	62.4%	2.5%	28.5%	0%	30.9%	4.6%	2.1%	0%	6.7%	-
Lights and Motorcycles	1985	363	0	2348	91	1061	0	1152	171	79	0	250	3750
% Lights and Motorcycles	98.7%	99.5%	0%	98.8%	96.8%	97.8%	0%	97.7%	97.7%	98.8%	0%	98.0%	98.4%
Heavy	26	2	0	28	3	24	0	27	4	1	0	5	60
% Heavy	1.3%	0.5%	0%	1.2%	3.2%	2.2%	0%	2.3%	2.3%	1.3%	0%	2.0%	1.6%

*L: Left, R: Right, T: Thru, U: U-Turn

BUTTONWOOD DR & LITTLE CHICAGO RD *AM - TMC

Tue Apr 23, 2019

AM Peak (7:15 AM - 8:15 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646820, Location: 40.079709, -86.071216, Site Code: i-45



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-04-23 7:15AM	16	1	0	17	4	194	0	198	25	4	0	29	244
7:30AM	20	3	0	23	5	169	0	174	27	7	0	34	231
7:45AM	29	3	0	32	3	161	0	164	36	9	0	45	241
8:00AM	39	7	0	46	9	151	0	160	22	4	0	26	232
Total	104	14	0	118	21	675	0	696	110	24	0	134	948
% Approach	88.1%	11.9%	0%	-	3.0%	97.0%	0%	-	82.1%	17.9%	0%	-	-
% Total	11.0%	1.5%	0%	12.4%	2.2%	71.2%	0%	73.4%	11.6%	2.5%	0%	14.1%	-
PHF	0.667	0.500	-	0.641	0.583	0.870	-	0.879	0.764	0.667	-	0.744	0.971
Lights and Motorcycles	102	12	0	114	20	668	0	688	109	23	0	132	934
% Lights and Motorcycles	98.1%	85.7%	0%	96.6%	95.2%	99.0%	0%	98.9%	99.1%	95.8%	0%	98.5%	98.5%
Heavy	2	2	0	4	1	7	0	8	1	1	0	2	14
% Heavy	1.9%	14.3%	0%	3.4%	4.8%	1.0%	0%	1.1%	0.9%	4.2%	0%	1.5%	1.5%

* L: Left, R: Right, T: Thru, U: U-Turn

BUTTONWOOD DR & LITTLE CHICAGO RD - TMC

Thu Apr 18, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646822, Location: 40.079709, -86.071216, Site Code: i-45



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-04-18 4:45PM	134	26	0	160	10	77	0	87	16	6	0	22	269
5:00PM	161	26	0	187	5	72	0	77	7	7	0	14	278
5:15PM	157	30	0	187	2	88	0	90	9	6	0	15	292
5:30PM	168	34	0	202	3	68	0	71	15	6	0	21	294
Total	620	116	0	736	20	305	0	325	47	25	0	72	1133
% Approach	84.2%	15.8%	0%	-	6.2%	93.8%	0%	-	65.3%	34.7%	0%	-	-
% Total	54.7%	10.2%	0%	65.0%	1.8%	26.9%	0%	28.7%	4.1%	2.2%	0%	6.4%	-
PHF	0.923	0.853	-	0.911	0.500	0.866	-	0.903	0.734	0.893	-	0.818	0.963
Lights and Motorcycles	616	116	0	732	19	303	0	322	45	25	0	70	1124
% Lights and Motorcycles	99.4%	100%	0%	99.5%	95.0%	99.3%	0%	99.1%	95.7%	100%	0%	97.2%	99.2%
Heavy	4	0	0	4	1	2	0	3	2	0	0	2	9
% Heavy	0.6%	0%	0%	0.5%	5.0%	0.7%	0%	0.9%	4.3%	0%	0%	2.8%	0.8%

* L: Left, R: Right, T: Thru, U: U-Turn

HINKLE RD & SR 38 - TMC

Mon Aug 20, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555438, Location: 40.077991, -86.090349, Site Code: I-78

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-20																					
3:00PM	2	5	4	0	11	1	4	3	0	8	1	71	2	0	74	1	49	6	0	56	149
3:15PM	2	4	1	0	7	3	4	1	0	8	2	63	2	0	67	1	59	2	0	62	144
3:30PM	3	9	8	0	20	1	7	0	0	8	3	84	5	0	92	3	66	8	0	77	197
3:45PM	4	4	3	0	11	4	3	1	0	8	4	88	5	0	97	3	77	3	0	83	199
Hourly Total	11	22	16	0	49	9	18	5	0	32	10	306	14	0	330	8	251	19	0	278	689
4:00PM	1	6	7	0	14	8	0	3	0	11	3	88	1	0	92	1	68	3	0	72	189
4:15PM	1	5	9	0	15	1	4	1	0	6	2	109	3	0	114	2	71	4	0	77	212
4:30PM	2	9	14	0	25	4	4	3	0	11	2	122	2	0	126	2	98	5	0	105	267
4:45PM	1	4	9	0	14	1	3	1	0	5	4	147	6	0	157	3	94	1	0	98	274
Hourly Total	5	24	39	0	68	14	11	8	0	33	11	466	12	0	489	8	331	13	0	352	942
5:00PM	8	12	20	0	40	1	6	3	0	10	4	150	5	0	159	3	80	5	0	88	297
5:15PM	1	8	15	0	24	0	4	3	0	7	4	184	7	0	195	3	97	8	0	108	334
5:30PM	1	13	14	0	28	3	6	0	0	9	6	178	8	0	192	1	86	5	0	92	321
5:45PM	1	6	8	0	15	1	8	2	0	11	4	151	6	0	161	2	59	1	0	62	249
Hourly Total	11	39	57	0	107	5	24	8	0	37	18	663	26	0	707	9	322	19	0	350	1201
6:00PM	3	10	11	0	24	2	1	3	0	6	2	120	3	0	125	2	46	0	0	48	203
6:15PM	0	3	6	0	9	0	3	2	0	5	2	105	2	0	109	2	51	3	0	56	179
6:30PM	3	14	7	0	24	1	2	0	0	3	2	65	3	0	70	1	52	2	0	55	152
6:45PM	1	7	3	0	11	3	1	2	0	6	3	51	2	1	57	2	54	5	0	61	135
Hourly Total	7	34	27	0	68	6	7	7	0	20	9	341	10	1	361	7	203	10	0	220	669
7:00PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
2018-08-21																					
6:30AM	3	0	1	0	4	0	2	0	0	2	1	73	1	0	75	1	108	1	0	110	191
6:45AM	2	1	1	0	4	4	4	2	0	10	2	64	2	0	68	5	138	0	0	143	225
Hourly Total	5	1	2	0	8	4	6	2	0	12	3	137	3	0	143	6	246	1	0	253	416
7:00AM	4	4	2	0	10	4	7	4	0	15	5	50	1	0	56	6	164	2	0	172	253
7:15AM	5	3	3	0	11	6	10	9	0	25	0	68	7	0	75	8	166	0	0	174	285
7:30AM	5	1	3	0	9	5	11	10	0	26	3	85	7	0	95	8	182	2	0	192	322
7:45AM	4	0	1	0	5	2	2	9	0	13	2	79	3	0	84	16	139	3	0	158	260
Hourly Total	18	8	9	0	35	17	30	32	0	79	10	282	18	0	310	38	651	7	0	696	1120
8:00AM	4	1	1	0	6	5	7	4	0	16	0	68	2	0	70	13	132	8	0	153	245
8:15AM	1	5	1	0	7	3	10	8	0	21	1	52	3	0	56	11	139	1	0	151	235
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	5	6	2	0	13	8	17	12	0	37	1	120	5	0	126	24	271	9	0	304	480
Total	62	134	152	0	348	63	113	74	0	250	62	2316	88	1	2467	100	2275	78	0	2453	5518
% Approach	17.8%	38.5%	43.7%	0%	-	25.2%	45.2%	29.6%	0%	-	2.5%	93.9%	3.6%	0%	-	4.1%	92.7%	3.2%	0%	-	-
% Total	1.1%	2.4%	2.8%	0%	6.3%	1.1%	2.0%	1.3%	0%	4.5%	1.1%	42.0%	1.6%	0%	44.7%	1.8%	41.2%	1.4%	0%	44.5%	-
Lights and Motorcycles	60	132	152	0	344	57	111	72	0	240	58	2257	85	1	2401	100	2212	67	0	2379	5364
% Lights and Motorcycles	96.8%	98.5%	100%	0%	98.9%	90.5%	98.2%	97.3%	0%	96.0%	93.5%	97.5%	96.6%	100%	97.3%	100%	97.2%	85.9%	0%	97.0%	97.2%
Heavy	2	2	0	0	4	6	2	2	0	10	4	59	3	0	66	0	63	11	0	74	154
% Heavy	3.2%	1.5%	0%	0%	1.1%	9.5%	1.8%	2.7%	0%	4.0%	6.5%	2.5%	3.4%	0%	2.7%	0%	2.8%	14.1%	0%	3.0%	2.8%

* L: Left, R: Right, T: Thru, U: U-Turn

HINKLE RD & SR 38 - TMC

Tue Aug 21, 2018

AM Peak (Aug 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555438, Location: 40.077991, -86.090349, Site Code: I-78

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-08-21																						
7:00AM	4	4	2	0	10	4	7	4	0	15	5	50	1	0	56	6	164	2	0	172	253	
7:15AM	5	3	3	0	11	6	10	9	0	25	0	68	7	0	75	8	166	0	0	174	285	
7:30AM	5	1	3	0	9	5	11	10	0	26	3	85	7	0	95	8	182	2	0	192	322	
7:45AM	4	0	1	0	5	2	2	9	0	13	2	79	3	0	84	16	139	3	0	158	260	
Total	18	8	9	0	35	17	30	32	0	79	10	282	18	0	310	38	651	7	0	696	1120	
% Approach	51.4%	22.9%	25.7%	0%	-	21.5%	38.0%	40.5%	0%	-	3.2%	91.0%	5.8%	0%	-	5.5%	93.5%	1.0%	0%	-	-	
% Total	1.6%	0.7%	0.8%	0%	3.1%	1.5%	2.7%	2.9%	0%	7.1%	0.9%	25.2%	1.6%	0%	27.7%	3.4%	58.1%	0.6%	0%	62.1%	-	
PHF	0.900	0.500	0.750	-	0.795	0.708	0.682	0.800	-	0.760	0.500	0.829	0.643	-	0.816	0.594	0.894	0.583	-	0.906	0.870	
Lights and Motorcycles	18	8	9	0	35	15	30	32	0	77	9	274	17	0	300	38	636	5	0	679	1091	
% Lights and Motorcycles	100%	100%	100%	0%	100%	88.2%	100%	100%	0%	97.5%	90.0%	97.2%	94.4%	0%	96.8%	100%	97.7%	71.4%	0%	97.6%	97.4%	
Heavy	0	0	0	0	0	2	0	0	0	2	1	8	1	0	10	0	15	2	0	17	29	
% Heavy	0%	0%	0%	0%	0%	11.8%	0%	0%	0%	2.5%	10.0%	2.8%	5.6%	0%	3.2%	0%	2.3%	28.6%	0%	2.4%	2.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

HINKLE RD & SR 38 - TMC

Mon Aug 20, 2018

PM Peak (Aug 20 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555438, Location: 40.077991, -86.090349, Site Code: I-78

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-20 4:45PM	1	4	9	0	14	1	3	1	0	5	4	147	6	0	157	3	94	1	0	98	274
5:00PM	8	12	20	0	40	1	6	3	0	10	4	150	5	0	159	3	80	5	0	88	297
5:15PM	1	8	15	0	24	0	4	3	0	7	4	184	7	0	195	3	97	8	0	108	334
5:30PM	1	13	14	0	28	3	6	0	0	9	6	178	8	0	192	1	86	5	0	92	321
Total	11	37	58	0	106	5	19	7	0	31	18	659	26	0	703	10	357	19	0	386	1226
% Approach	10.4%	34.9%	54.7%	0%	-	16.1%	61.3%	22.6%	0%	-	2.6%	93.7%	3.7%	0%	-	2.6%	92.5%	4.9%	0%	-	-
% Total	0.9%	3.0%	4.7%	0%	8.6%	0.4%	1.5%	0.6%	0%	2.5%	1.5%	53.8%	2.1%	0%	57.3%	0.8%	29.1%	1.5%	0%	31.5%	-
PHF	0.344	0.712	0.725	-	0.663	0.417	0.792	0.583	-	0.775	0.750	0.895	0.813	-	0.901	0.833	0.920	0.594	-	0.894	0.918
Lights and Motorcycles	11	37	58	0	106	5	18	7	0	30	18	646	26	0	690	10	351	19	0	380	1206
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	94.7%	100%	0%	96.8%	100%	98.0%	100%	0%	98.2%	100%	98.3%	100%	0%	98.4%	98.4%
Heavy	0	0	0	0	0	0	1	0	0	1	0	13	0	0	13	0	6	0	0	6	20
% Heavy	0%	0%	0%	0%	0%	0%	5.3%	0%	0%	3.2%	0%	2.0%	0%	0%	1.8%	0%	1.7%	0%	0%	1.6%	1.6%

*L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & HAGUE RD - TMC

Thu Apr 25, 2019

Full Length (12 AM-12 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647295, Location: 40.072474, -86.033266, Site Code: i-47



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-25 12:00AM	1	3	1	0	5	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	7
12:15AM	0	2	2	0	4	0	2	0	0	2	0	0	0	0	0	2	1	0	0	0	3	9
12:30AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
12:45AM	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	4
Hourly Total	1	6	6	0	13	1	3	0	0	4	0	0	0	0	0	3	1	1	0	5	22	
1:00AM	0	3	0	0	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4
1:15AM	0	0	1	0	1	0	3	1	0	4	0	0	0	0	0	1	1	0	0	2	7	
1:30AM	0	1	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
1:45AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly Total	0	4	3	0	7	0	4	1	0	5	0	0	0	0	0	1	1	1	0	3	15	
2:00AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
2:15AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2:30AM	0	1	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	2
2:45AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	0	3	0	0	3	0	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	6
3:00AM	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	2
3:15AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3:30AM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
3:45AM	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
Hourly Total	0	1	0	0	1	2	4	0	0	6	1	0	0	0	1	0	0	0	0	0	0	8
4:00AM	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	0	0	0	1	3
4:15AM	0	0	1	0	1	0	2	0	0	2	0	1	0	0	1	1	0	0	0	0	1	5
4:30AM	0	0	1	0	1	1	3	0	0	4	0	0	0	0	0	4	0	0	0	0	4	9
4:45AM	0	2	1	0	3	0	4	0	0	4	0	1	1	0	2	0	0	1	0	0	1	10
Hourly Total	0	2	3	0	5	1	9	0	0	10	0	3	2	0	5	6	0	1	0	7	27	
5:00AM	0	5	1	0	6	0	3	0	0	3	0	1	1	0	2	0	0	1	0	0	1	12
5:15AM	0	5	1	0	6	1	4	0	0	5	1	0	1	0	2	2	0	3	0	5	18	
5:30AM	0	7	3	0	10	3	9	0	0	12	0	1	3	0	4	2	0	10	0	12	38	
5:45AM	0	8	3	0	11	3	26	0	0	29	0	1	3	0	4	14	0	12	0	26	70	
Hourly Total	0	25	8	0	33	7	42	0	0	49	1	3	8	0	12	18	0	26	0	44	138	
6:00AM	0	14	2	0	16	10	23	0	0	33	1	4	4	0	9	10	0	11	0	21	79	
6:15AM	0	23	5	0	28	22	33	0	1	56	0	0	0	0	0	17	3	20	0	40	124	
6:30AM	1	31	3	0	35	14	45	1	0	60	0	1	9	0	10	16	1	18	0	35	140	
6:45AM	1	44	16	0	61	14	52	2	0	68	2	8	9	0	19	22	1	7	0	30	178	
Hourly Total	2	112	26	0	140	60	153	3	1	217	3	13	22	0	38	65	5	56	0	126	521	
7:00AM	0	85	21	0	106	15	49	5	0	69	7	6	8	0	21	20	4	28	0	52	248	
7:15AM	1	127	18	0	146	17	122	1	0	140	4	8	9	0	21	23	6	21	0	50	357	
7:30AM	0	28	14	0	42	11	72	3	0	86	4	9	7	0	20	28	1	12	0	41	189	
7:45AM	3	31	18	0	52	7	59	0	0	66	0	5	8	0	13	31	6	5	0	42	173	
Hourly Total	4	271	71	0	346	50	302	9	0	361	15	28	32	0	75	102	17	66	0	185	967	
8:00AM	2	28	17	0	47	10	50	1	0	61	2	9	12	0	23	23	3	4	0	30	161	
8:15AM	3	31	10	0	44	7	49	1	0	57	2	2	9	0	13	25	2	12	0	39	153	
8:30AM	2	69	7	0	78	12	47	1	1	61	3	4	5	0	12	17	1	26	0	44	195	
8:45AM	4	50	26	1	81	46	70	1	0	117	2	9	6	0	17	16	3	22	0	41	256	
Hourly Total	11	178	60	1	250	75	216	4	1	296	9	24	32	0	65	81	9	64	0	154	765	
9:00AM	3	22	13	0	38	14	42	0	0	56	0	6	7	0	13	10	4	6	0	20	127	
9:15AM	3	25	18	1	47	5	27	1	0	33	0	1	4	0	5	9	0	4	0	13	98	
9:30AM	2	31	6	0	39	2	35	0	0	37	1	1	3	0	5	9	3	4	0	16	97	
9:45AM	4	19	10	0	33	6	39	0	0	45	2	0	4	0	6	6	2	3	0	11	95	
Hourly Total	12	97	47	1	157	27	143	1	0	171	3	8	18	0	29	34	9	17	0	60	417	
10:00AM	3	21	5	0	29	7	29	2	0	38	1	2	3	0	6	7	6	11	0	24	97	
10:15AM	5	48	6	0	59	5	30	0	0	35	3	3	10	0	16	9	0	8	0	17	127	
10:30AM	3	26	5	0	34	5	44	0	0	49	2	1	1	0	4	3	1	10	0	14	101	
10:45AM	1	31	10	0	42	6	29	3	0	38	1	2	4	0	7	11	1	10	0	22	109	
Hourly Total	12	126	26	0	164	23	132	5	0	160	7	8	18	0	33	30	8	39	0	77	434	
11:00AM	1	32	6	0	39	8	39	2	0	49	0	0	1	0	1	1	3	8	0	12	101	

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
11:15AM	3	38	5	0	46	4	41	3	0	48	5	3	7	0	15	10	1	4	0	15	124
11:30AM	2	31	6	0	39	8	43	2	1	54	3	2	6	0	11	4	2	11	0	17	121
11:45AM	2	39	8	0	49	7	32	4	0	43	2	2	3	0	7	11	4	5	0	20	119
Hourly Total	8	140	25	0	173	27	155	11	1	194	10	7	17	0	34	26	10	28	0	64	465
12:00PM	2	43	11	0	56	11	41	2	0	54	0	0	7	0	7	9	1	7	0	17	134
12:15PM	6	42	6	0	54	2	29	3	0	34	2	4	2	0	8	5	2	6	0	13	109
12:30PM	5	30	12	0	47	6	35	6	0	47	4	3	7	0	14	4	4	14	0	22	130
12:45PM	2	45	8	0	55	11	40	0	0	51	0	4	2	0	6	13	2	3	0	18	130
Hourly Total	15	160	37	0	212	30	145	11	0	186	6	11	18	0	35	31	9	30	0	70	503
1:00PM	0	37	12	0	49	10	37	3	0	50	1	1	1	0	3	10	4	10	0	24	126
1:15PM	4	46	10	0	60	4	33	2	0	39	3	1	3	0	7	17	2	14	0	33	139
1:30PM	4	48	12	0	64	9	47	1	0	57	2	3	2	0	7	4	0	20	0	24	152
1:45PM	3	62	15	0	80	9	35	3	1	48	3	0	5	0	8	18	4	18	0	40	176
Hourly Total	11	193	49	0	253	32	152	9	1	194	9	5	11	0	25	49	10	62	0	121	593
2:00PM	3	60	11	0	74	25	38	1	0	64	1	5	3	0	9	13	2	20	0	35	182
2:15PM	5	64	15	0	84	46	42	1	0	89	0	3	0	0	3	11	2	28	0	41	217
2:30PM	0	47	17	0	64	11	57	2	0	70	2	0	5	0	7	8	3	9	0	20	161
2:45PM	2	44	13	0	59	21	77	4	0	102	0	3	4	0	7	23	7	16	0	46	214
Hourly Total	10	215	56	0	281	103	214	8	0	325	3	11	12	0	26	55	14	73	0	142	774
3:00PM	2	53	22	0	77	20	56	2	0	78	3	3	2	0	8	22	3	12	0	37	200
3:15PM	5	48	13	0	66	13	49	1	0	63	0	4	1	0	5	16	2	7	0	25	159
3:30PM	5	45	19	0	69	8	59	1	0	68	2	1	4	0	7	17	7	10	0	34	178
3:45PM	7	79	15	0	101	19	45	1	0	65	2	3	1	0	6	19	8	20	0	47	219
Hourly Total	19	225	69	0	313	60	209	5	0	274	7	11	8	0	26	74	20	49	0	143	756
4:00PM	4	89	14	1	108	37	58	2	0	97	1	0	11	0	12	19	5	34	0	58	275
4:15PM	8	57	21	0	86	20	42	2	0	64	3	1	3	0	7	16	5	11	0	32	189
4:30PM	7	72	34	0	113	7	46	3	0	56	3	5	1	0	9	24	10	10	0	44	222
4:45PM	14	86	29	0	129	10	44	5	0	59	0	7	10	0	17	19	7	10	0	36	241
Hourly Total	33	304	98	1	436	74	190	12	0	276	7	13	25	0	45	78	27	65	0	170	927
5:00PM	4	80	20	0	104	6	45	2	0	53	1	7	6	0	14	23	9	12	0	44	215
5:15PM	11	81	21	0	113	8	54	0	0	62	3	4	6	0	13	24	3	5	0	32	220
5:30PM	7	79	25	0	111	7	48	2	0	57	3	8	3	0	14	22	1	5	0	28	210
5:45PM	8	74	22	0	104	13	34	3	0	50	0	7	4	0	11	17	1	4	0	22	187
Hourly Total	30	314	88	0	432	34	181	7	0	222	7	26	19	0	52	86	14	26	0	126	832
6:00PM	6	52	23	1	82	11	34	2	0	47	4	0	5	0	9	12	5	5	0	22	160
6:15PM	4	49	18	0	71	2	36	5	0	43	1	9	4	0	14	11	4	3	0	18	146
6:30PM	4	47	18	0	69	6	33	5	0	44	4	4	3	0	11	12	4	4	0	20	144
6:45PM	3	58	20	0	81	4	21	4	0	29	1	3	1	0	5	16	3	3	0	22	137
Hourly Total	17	206	79	1	303	23	124	16	0	163	10	16	13	0	39	51	16	15	0	82	587
7:00PM	3	51	8	0	62	7	28	0	0	35	1	2	3	0	6	4	5	8	0	17	120
7:15PM	3	37	6	0	46	4	24	0	0	28	1	2	2	0	5	5	5	4	0	14	93
7:30PM	6	30	6	0	42	1	23	0	0	24	0	2	2	0	4	4	3	3	0	10	80
7:45PM	2	30	8	0	40	3	26	1	0	30	0	0	1	0	1	9	6	3	0	18	89
Hourly Total	14	148	28	0	190	15	101	1	0	117	2	6	8	0	16	22	19	18	0	59	382
8:00PM	2	28	5	0	35	2	20	1	0	23	0	1	1	0	2	7	1	7	0	15	75
8:15PM	4	24	9	0	37	2	14	0	0	16	3	1	2	0	6	5	1	4	0	10	69
8:30PM	4	24	6	0	34	0	20	1	0	21	0	2	2	0	4	7	5	6	0	18	77
8:45PM	5	19	5	0	29	1	13	3	0	17	1	2	0	0	3	4	1	4	0	9	58
Hourly Total	15	95	25	0	135	5	67	5	0	77	4	6	5	0	15	23	8	21	0	52	279
9:00PM	3	14	8	0	25	3	12	0	0	15	0	1	1	0	2	7	3	2	0	12	54
9:15PM	4	20	3	0	27	1	12	2	0	15	0	0	0	0	0	6	1	0	0	7	49
9:30PM	2	11	8	0	21	1	10	1	0	12	1	0	2	0	3	9	1	3	0	13	49
9:45PM	3	12	3	0	18	0	15	2	0	17	0	0	0	0	0	2	2	1	0	5	40
Hourly Total	12	57	22	0	91	5	49	5	0	59	1	1	3	0	5	24	7	6	0	37	192
10:00PM	0	15	6	0	21	1	6	0	0	7	0	1	0	0	1	2	2	1	0	5	34
10:15PM	5	5	1	0	11	0	4	0	0	4	2	0	1	0	3	3	0	2	0	5	23
10:30PM	0	8	1	0	9	1	3	0	0	4	0	0	0	0	0	1	0	4	0	5	18
10:45PM	2	6	3	0	11	2	6	0	0	8	0	0	0	0	0	0	4	2	0	6	25
Hourly Total	7	34	11	0	52	4	19	0	0	23	2	1	1	0	4	6	6	9	0	21	100
11:00PM	0	3	2	0	5	0	3	1	0	4	0	0	0	0	0	0	1	0	0	1	10
11:15PM	2	5	2	0	9	3	5	0	0	8	0	0	0	0	0	1	0	1	0	2	19
11:30PM	0	8	4	0	12	2	6	0	0	8	0	0	0	0	0	0	1	1	0	2	22
11:45PM	1	3	1	0	5	0	2	1	0	3	0	0	0	0	0	1	0	0	0	1	9

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
Hourly Total	3	19	9	0	31	5	16	2	0	23	0	0	0	0	0	2	2	2	0	6	60
Total	236	2935	846	4	4021	663	2631	115	4	3413	108	201	272	0	581	868	212	675	0	1755	9770
% Approach	5.9%	73.0%	21.0%	0.1%	-	19.4%	77.1%	3.4%	0.1%	-	18.6%	34.6%	46.8%	0%	-	49.5%	12.1%	38.5%	0%	-	-
% Total	2.4%	30.0%	8.7%	0%	41.2%	6.8%	26.9%	1.2%	0%	34.9%	1.1%	2.1%	2.8%	0%	5.9%	8.9%	2.2%	6.9%	0%	18.0%	-
Lights and Motorcycles	232	2740	817	0	3789	518	2471	104	2	3095	101	196	268	0	565	833	207	543	0	1583	9032
% Lights and Motorcycles	98.3%	93.4%	96.6%	0%	94.2%	78.1%	93.9%	90.4%	50.0%	90.7%	93.5%	97.5%	98.5%	0%	97.2%	96.0%	97.6%	80.4%	0%	90.2%	92.4%
Heavy	4	195	29	4	232	145	160	11	2	318	7	5	4	0	16	35	5	132	0	172	738
% Heavy	1.7%	6.6%	3.4%	100%	5.8%	21.9%	6.1%	9.6%	50.0%	9.3%	6.5%	2.5%	1.5%	0%	2.8%	4.0%	2.4%	19.6%	0%	9.8%	7.6%

*L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & HAGUERD - TMC

Thu Apr 25, 2019

AM Peak (6:45 AM - 7:45 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647295, Location: 40.072474, -86.033266, Site Code: i-47



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-25																						
6:45AM	1	44	16	0	61	14	52	2	0	68	2	8	9	0	19	22	1	7	0	30	178	
7:00AM	0	85	21	0	106	15	49	5	0	69	7	6	8	0	21	20	4	28	0	52	248	
7:15AM	1	127	18	0	146	17	122	1	0	140	4	8	9	0	21	23	6	21	0	50	357	
7:30AM	0	28	14	0	42	11	72	3	0	86	4	9	7	0	20	28	1	12	0	41	189	
Total	2	284	69	0	355	57	295	11	0	363	17	31	33	0	81	93	12	68	0	173	972	
% Approach	0.6%	80.0%	19.4%	0%	-	15.7%	81.3%	3.0%	0%	-	21.0%	38.3%	40.7%	0%	-	53.8%	6.9%	39.3%	0%	-	-	
% Total	0.2%	29.2%	7.1%	0%	36.5%	5.9%	30.3%	1.1%	0%	37.3%	1.7%	3.2%	3.4%	0%	8.3%	9.6%	1.2%	7.0%	0%	17.8%	-	
PHF	0.500	0.559	0.821	-	0.608	0.838	0.605	0.550	-	0.648	0.607	0.861	0.917	-	0.964	0.830	0.500	0.607	-	0.832	0.681	
Lights and Motorcycles	2	258	66	0	326	44	260	9	0	313	16	30	33	0	79	89	11	57	0	157	875	
% Lights and Motorcycles	100%	90.8%	95.7%	0%	91.8%	77.2%	88.1%	81.8%	0%	86.2%	94.1%	96.8%	100%	0%	97.5%	95.7%	91.7%	83.8%	0%	90.8%	90.0%	
Heavy	0	26	3	0	29	13	35	2	0	50	1	1	0	0	2	4	1	11	0	16	97	
% Heavy	0%	9.2%	4.3%	0%	8.2%	22.8%	11.9%	18.2%	0%	13.8%	5.9%	3.2%	0%	0%	2.5%	4.3%	8.3%	16.2%	0%	9.2%	10.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & HAGUERD - TMC

Thu Apr 25, 2019

PM Peak (4 PM - 5 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647295, Location: 40.072474, -86.033266, Site Code: i-47



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-25																					
4:00PM	4	89	14	1	108	37	58	2	0	97	1	0	11	0	12	19	5	34	0	58	275
4:15PM	8	57	21	0	86	20	42	2	0	64	3	1	3	0	7	16	5	11	0	32	189
4:30PM	7	72	34	0	113	7	46	3	0	56	3	5	1	0	9	24	10	10	0	44	222
4:45PM	14	86	29	0	129	10	44	5	0	59	0	7	10	0	17	19	7	10	0	36	241
Total	33	304	98	1	436	74	190	12	0	276	7	13	25	0	45	78	27	65	0	170	927
% Approach	7.6%	69.7%	22.5%	0.2%	-	26.8%	68.8%	4.3%	0%	-	15.6%	28.9%	55.6%	0%	-	45.9%	15.9%	38.2%	0%	-	-
% Total	3.6%	32.8%	10.6%	0.1%	47.0%	8.0%	20.5%	1.3%	0%	29.8%	0.8%	1.4%	2.7%	0%	4.9%	8.4%	2.9%	7.0%	0%	18.3%	-
PHF	0.589	0.854	0.721	0.250	0.845	0.500	0.819	0.600	-	0.711	0.583	0.464	0.568	-	0.662	0.813	0.675	0.478	-	0.733	0.843
Lights and Motorcycles	33	283	97	0	413	72	188	12	0	272	7	13	25	0	45	75	27	30	0	132	862
% Lights and Motorcycles	100%	93.1%	99.0%	0%	94.7%	97.3%	98.9%	100%	0%	98.6%	100%	100%	100%	0%	100%	96.2%	100%	46.2%	0%	77.6%	93.0%
Heavy	0	21	1	1	23	2	2	0	0	4	0	0	0	0	0	3	0	35	0	38	65
% Heavy	0%	6.9%	1.0%	100%	5.3%	2.7%	1.1%	0%	0%	1.4%	0%	0%	0%	0%	0%	3.8%	0%	53.8%	0%	22.4%	7.0%

*L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & JAMES RD - TMC

Thu Apr 25, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647291, Location: 40.072755, -86.024031, Site Code: i-48



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-04-25 6:30AM	1	1	0	2	1	22	0	23	26	0	0	26	51
6:45AM	2	3	0	5	1	38	0	39	24	1	0	25	69
Hourly Total	3	4	0	7	2	60	0	62	50	1	0	51	120
7:00AM	3	2	0	5	0	50	0	50	46	0	0	46	101
7:15AM	0	1	0	1	3	42	0	45	40	0	0	40	86
7:30AM	1	7	0	8	1	41	0	42	25	1	0	26	76
7:45AM	3	3	0	6	2	33	0	35	38	0	0	38	79
Hourly Total	7	13	0	20	6	166	0	172	149	1	0	150	342
8:00AM	1	3	0	4	3	37	0	40	26	1	0	27	71
8:15AM	0	4	0	4	1	30	0	31	30	0	0	30	65
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	7	0	8	4	67	0	71	56	1	0	57	136
3:00PM	1	3	0	4	1	47	0	48	32	2	0	34	86
3:15PM	0	1	0	1	0	33	0	33	28	0	0	28	62
3:30PM	0	4	0	4	1	25	0	26	36	4	0	40	70
3:45PM	2	1	0	3	2	34	0	36	47	1	0	48	87
Hourly Total	3	9	0	12	4	139	0	143	143	7	0	150	305
4:00PM	1	1	0	2	3	49	0	52	58	3	0	61	115
4:15PM	0	1	0	1	1	39	0	40	32	0	0	32	73
4:30PM	1	1	0	2	4	44	0	48	50	1	0	51	101
4:45PM	0	2	0	2	4	41	0	45	42	1	0	43	90
Hourly Total	2	5	0	7	12	173	0	185	182	5	0	187	379
5:00PM	1	4	0	5	2	39	0	41	36	1	0	37	83
5:15PM	0	4	0	4	3	36	0	39	33	1	0	34	77
5:30PM	3	4	0	7	1	39	0	40	28	0	0	28	75
5:45PM	2	3	0	5	5	43	0	48	29	0	0	29	82
Hourly Total	6	15	0	21	11	157	0	168	126	2	0	128	317
6:00PM	1	2	0	3	3	27	0	30	25	2	0	27	60
6:15PM	4	2	0	6	1	38	0	39	20	2	0	22	67
6:30PM	0	0	0	0	1	20	0	21	23	2	0	25	46
6:45PM	3	1	0	4	1	22	0	23	23	2	0	25	52
Hourly Total	8	5	0	13	6	107	0	113	91	8	0	99	225
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	30	58	0	88	45	869	0	914	797	25	0	822	1824
% Approach	34.1%	65.9%	0%	-	4.9%	95.1%	0%	-	97.0%	3.0%	0%	-	-
% Total	1.6%	3.2%	0%	4.8%	2.5%	47.6%	0%	50.1%	43.7%	1.4%	0%	45.1%	-
Lights and Motorcycles	30	55	0	85	43	830	0	873	711	25	0	736	1694
% Lights and Motorcycles	100%	94.8%	0%	96.6%	95.6%	95.5%	0%	95.5%	89.2%	100%	0%	89.5%	92.9%
Heavy	0	3	0	3	2	39	0	41	86	0	0	86	130
% Heavy	0%	5.2%	0%	3.4%	4.4%	4.5%	0%	4.5%	10.8%	0%	0%	10.5%	7.1%

*L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & JAMES RD - TMC

Thu Apr 25, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647291, Location: 40.072755, -86.024031, Site Code: i-48



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-04-25 7:00AM	3	2	0	5	0	50	0	50	46	0	0	46	101
7:15AM	0	1	0	1	3	42	0	45	40	0	0	40	86
7:30AM	1	7	0	8	1	41	0	42	25	1	0	26	76
7:45AM	3	3	0	6	2	33	0	35	38	0	0	38	79
Total	7	13	0	20	6	166	0	172	149	1	0	150	342
% Approach	35.0%	65.0%	0%	-	3.5%	96.5%	0%	-	99.3%	0.7%	0%	-	-
% Total	2.0%	3.8%	0%	5.8%	1.8%	48.5%	0%	50.3%	43.6%	0.3%	0%	43.9%	-
PHF	0.583	0.464	-	0.625	0.500	0.830	-	0.860	0.810	0.250	-	0.815	0.847
Lights and Motorcycles	7	13	0	20	6	159	0	165	135	1	0	136	321
% Lights and Motorcycles	100%	100%	0%	100%	100%	95.8%	0%	95.9%	90.6%	100%	0%	90.7%	93.9%
Heavy	0	0	0	0	0	7	0	7	14	0	0	14	21
% Heavy	0%	0%	0%	0%	0%	4.2%	0%	4.1%	9.4%	0%	0%	9.3%	6.1%

* L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & JAMES RD - TMC

Thu Apr 25, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647291, Location: 40.072755, -86.024031, Site Code: i-48



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-04-25 4:00PM	1	1	0	2	3	49	0	52	58	3	0	61	115
4:15PM	0	1	0	1	1	39	0	40	32	0	0	32	73
4:30PM	1	1	0	2	4	44	0	48	50	1	0	51	101
4:45PM	0	2	0	2	4	41	0	45	42	1	0	43	90
Total	2	5	0	7	12	173	0	185	182	5	0	187	379
% Approach	28.6%	71.4%	0%	-	6.5%	93.5%	0%	-	97.3%	2.7%	0%	-	-
% Total	0.5%	1.3%	0%	1.8%	3.2%	45.6%	0%	48.8%	48.0%	1.3%	0%	49.3%	-
PHF	0.500	0.625	-	0.875	0.750	0.883	-	0.889	0.784	0.417	-	0.766	0.824
Lights and Motorcycles	2	5	0	7	12	169	0	181	145	5	0	150	338
% Lights and Motorcycles	100%	100%	0%	100%	100%	97.7%	0%	97.8%	79.7%	100%	0%	80.2%	89.2%
Heavy	0	0	0	0	0	4	0	4	37	0	0	37	41
% Heavy	0%	0%	0%	0%	0%	2.3%	0%	2.2%	20.3%	0%	0%	19.8%	10.8%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 19 & 196TH ST - TMC

Thu Apr 25, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647293, Location: 40.072873, -86.014622, Site Code: i-49



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-04-25 6:30AM	15	25	0	40	63	13	0	76	5	31	0	36	152
6:45AM	14	26	0	40	97	12	0	109	8	24	0	32	181
Hourly Total	29	51	0	80	160	25	0	185	13	55	0	68	333
7:00AM	22	26	0	48	97	17	0	114	10	44	0	54	216
7:15AM	20	30	0	50	102	20	0	122	13	35	0	48	220
7:30AM	12	42	0	54	124	16	0	140	12	38	0	50	244
7:45AM	13	38	0	51	159	25	0	184	12	26	0	38	273
Hourly Total	67	136	0	203	482	78	0	560	47	143	0	190	953
8:00AM	12	29	0	41	86	16	0	102	15	25	0	40	183
8:15AM	8	29	0	37	90	15	0	105	7	22	0	29	171
8:30AM	0	0	0	0	1	0	0	1	0	0	0	0	1
Hourly Total	20	58	0	78	177	31	0	208	22	47	0	69	355
3:00PM	26	80	0	106	52	12	0	64	8	33	0	41	211
3:15PM	19	76	0	95	56	8	0	64	12	27	0	39	198
3:30PM	28	79	0	107	62	9	0	71	12	18	0	30	208
3:45PM	30	92	0	122	71	11	0	82	9	16	0	25	229
Hourly Total	103	327	0	430	241	40	0	281	41	94	0	135	846
4:00PM	51	100	0	151	54	13	0	67	12	36	0	48	266
4:15PM	19	102	0	121	68	13	0	81	7	37	0	44	246
4:30PM	39	84	0	123	52	12	0	64	9	29	0	38	225
4:45PM	32	125	0	157	66	13	0	79	12	29	0	41	277
Hourly Total	141	411	0	552	240	51	0	291	40	131	0	171	1014
5:00PM	34	108	0	142	70	11	0	81	13	25	0	38	261
5:15PM	26	117	0	143	80	10	0	90	9	39	0	48	281
5:30PM	12	105	0	117	62	14	0	76	13	24	0	37	230
5:45PM	23	80	0	103	69	10	0	79	9	45	0	54	236
Hourly Total	95	410	0	505	281	45	0	326	44	133	0	177	1008
6:00PM	24	77	0	101	71	5	0	76	5	24	0	29	206
6:15PM	18	92	0	110	63	7	0	70	16	26	0	42	222
6:30PM	27	79	0	106	59	11	0	70	6	24	0	30	206
6:45PM	19	58	0	77	49	8	0	57	5	16	0	21	155
Hourly Total	88	306	0	394	242	31	0	273	32	90	0	122	789
7:00PM	0	0	0	0	1	0	0	1	0	0	0	0	1
Hourly Total	0	0	0	0	1	0	0	1	0	0	0	0	1
Total	543	1699	0	2242	1824	301	0	2125	239	693	0	932	5299
% Approach	24.2%	75.8%	0%	-	85.8%	14.2%	0%	-	25.6%	74.4%	0%	-	-
% Total	10.2%	32.1%	0%	42.3%	34.4%	5.7%	0%	40.1%	4.5%	13.1%	0%	17.6%	-
Lights and Motorcycles	473	1672	0	2145	1783	287	0	2070	227	655	0	882	5097
% Lights and Motorcycles	87.1%	98.4%	0%	95.7%	97.8%	95.3%	0%	97.4%	95.0%	94.5%	0%	94.6%	96.2%
Heavy	70	27	0	97	41	14	0	55	12	38	0	50	202
% Heavy	12.9%	1.6%	0%	4.3%	2.2%	4.7%	0%	2.6%	5.0%	5.5%	0%	5.4%	3.8%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 19 & 196TH ST - TMC

Thu Apr 25, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647293, Location: 40.072873, -86.014622, Site Code: i-49



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-04-25 7:00AM	22	26	0	48	97	17	0	114	10	44	0	54	216
7:15AM	20	30	0	50	102	20	0	122	13	35	0	48	220
7:30AM	12	42	0	54	124	16	0	140	12	38	0	50	244
7:45AM	13	38	0	51	159	25	0	184	12	26	0	38	273
Total	67	136	0	203	482	78	0	560	47	143	0	190	953
% Approach	33.0%	67.0%	0%	-	86.1%	13.9%	0%	-	24.7%	75.3%	0%	-	-
% Total	7.0%	14.3%	0%	21.3%	50.6%	8.2%	0%	58.8%	4.9%	15.0%	0%	19.9%	-
PHF	0.761	0.810	-	0.940	0.758	0.780	-	0.761	0.904	0.813	-	0.880	0.873
Lights and Motorcycles	57	131	0	188	468	76	0	544	45	137	0	182	914
% Lights and Motorcycles	85.1%	96.3%	0%	92.6%	97.1%	97.4%	0%	97.1%	95.7%	95.8%	0%	95.8%	95.9%
Heavy	10	5	0	15	14	2	0	16	2	6	0	8	39
% Heavy	14.9%	3.7%	0%	7.4%	2.9%	2.6%	0%	2.9%	4.3%	4.2%	0%	4.2%	4.1%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 19 & 196TH ST - TMC

Thu Apr 25, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647293, Location: 40.072873, -86.014622, Site Code: i-49



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-04-25 4:45PM	32	125	0	157	66	13	0	79	12	29	0	41	277
5:00PM	34	108	0	142	70	11	0	81	13	25	0	38	261
5:15PM	26	117	0	143	80	10	0	90	9	39	0	48	281
5:30PM	12	105	0	117	62	14	0	76	13	24	0	37	230
Total	104	455	0	559	278	48	0	326	47	117	0	164	1049
% Approach	18.6%	81.4%	0%	-	85.3%	14.7%	0%	-	28.7%	71.3%	0%	-	-
% Total	9.9%	43.4%	0%	53.3%	26.5%	4.6%	0%	31.1%	4.5%	11.2%	0%	15.6%	-
PHF	0.765	0.910	-	0.890	0.869	0.857	-	0.906	0.904	0.750	-	0.854	0.933
Lights and Motorcycles	101	452	0	553	276	46	0	322	46	117	0	163	1038
% Lights and Motorcycles	97.1%	99.3%	0%	98.9%	99.3%	95.8%	0%	98.8%	97.9%	100%	0%	99.4%	99.0%
Heavy	3	3	0	6	2	2	0	4	1	0	0	1	11
% Heavy	2.9%	0.7%	0%	1.1%	0.7%	4.2%	0%	1.2%	2.1%	0%	0%	0.6%	1.0%

* L: Left, R: Right, T: Thru, U: U-Turn

ALLISONVILLE RD & CUMBERLAND RD - TMC

Thu Mar 14, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636978, Location: 40.072354, -85.995971, Site Code: i-50



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-14 6:30AM	1	6	0	0	7	3	62	4	0	69	2	2	1	0	5	0	7	1	0	8	89
6:45AM	2	7	0	0	9	3	67	4	0	74	3	2	1	0	6	1	13	2	0	16	105
Hourly Total	3	13	0	0	16	6	129	8	0	143	5	4	2	0	11	1	20	3	0	24	194
7:00AM	0	19	0	1	20	1	84	5	0	90	4	2	2	0	8	4	12	3	1	20	138
7:15AM	0	23	2	0	25	7	84	16	0	107	1	5	2	0	8	3	14	1	0	18	158
7:30AM	1	23	2	0	26	3	92	15	0	110	2	4	1	0	7	1	21	3	0	25	168
7:45AM	2	19	2	0	23	1	80	6	0	87	3	6	2	0	11	2	20	2	0	24	145
Hourly Total	3	84	6	1	94	12	340	42	0	394	10	17	7	0	34	10	67	9	1	87	609
8:00AM	0	18	1	0	19	3	53	4	0	60	6	7	5	0	18	0	18	2	0	20	117
8:15AM	0	22	1	0	23	3	74	7	0	84	5	5	0	0	10	5	13	0	0	18	135
Hourly Total	0	40	2	0	42	6	127	11	0	144	11	12	5	0	28	5	31	2	0	38	252
3:00PM	2	47	4	0	53	2	42	7	1	52	13	16	1	0	30	1	4	7	0	12	147
3:15PM	2	73	4	0	79	4	39	5	0	48	10	14	0	0	24	1	8	8	0	17	168
3:30PM	2	53	10	0	65	3	46	9	0	58	9	9	1	0	19	0	11	12	0	23	165
3:45PM	6	61	1	0	68	3	37	3	0	43	9	11	1	2	23	5	12	14	0	31	165
Hourly Total	12	234	19	0	265	12	164	24	1	201	41	50	3	2	96	7	35	41	0	83	645
4:00PM	1	73	3	1	78	2	47	13	0	62	11	18	4	0	33	2	4	8	0	14	187
4:15PM	4	55	0	1	60	5	38	13	0	56	13	9	2	0	24	1	11	8	0	20	160
4:30PM	1	68	6	0	75	3	41	9	0	53	14	18	0	0	32	3	5	6	0	14	174
4:45PM	2	73	4	0	79	3	44	12	0	59	14	14	5	0	33	3	11	5	0	19	190
Hourly Total	8	269	13	2	292	13	170	47	0	230	52	59	11	0	122	9	31	27	0	67	711
5:00PM	1	69	2	0	72	4	52	4	0	60	19	16	2	1	38	1	8	10	0	19	189
5:15PM	2	73	4	0	79	5	55	6	0	66	21	20	2	0	43	3	7	7	0	17	205
5:30PM	4	63	5	0	72	1	63	8	0	72	11	10	7	0	28	0	11	7	0	18	190
5:45PM	2	56	3	0	61	5	53	4	0	62	12	10	3	0	25	1	12	9	0	22	170
Hourly Total	9	261	14	0	284	15	223	22	0	260	63	56	14	1	134	5	38	33	0	76	754
6:00PM	3	61	3	0	67	0	63	7	0	70	17	15	3	0	35	0	9	5	0	14	186
6:15PM	3	42	1	1	47	3	57	11	0	71	12	15	2	0	29	1	9	5	1	16	163
6:30PM	1	46	2	0	49	2	56	5	0	63	6	13	3	0	22	4	6	8	0	18	152
6:45PM	3	41	2	0	46	1	35	6	0	42	12	12	1	0	25	1	8	5	0	14	127
Hourly Total	10	190	8	1	209	6	211	29	0	246	47	55	9	0	111	6	32	23	1	62	628
Total	45	1091	62	4	1202	70	1364	183	1	1618	229	253	51	3	536	43	254	138	2	437	3793
% Approach	3.7%	90.8%	5.2%	0.3%	-	4.3%	84.3%	11.3%	0.1%	-	42.7%	47.2%	9.5%	0.6%	-	9.8%	58.1%	31.6%	0.5%	-	-
% Total	1.2%	28.8%	1.6%	0.1%	31.7%	1.8%	36.0%	4.8%	0%	42.7%	6.0%	6.7%	1.3%	0.1%	14.1%	1.1%	6.7%	3.6%	0.1%	11.5%	-
Lights and Motorcycles	44	1080	54	3	1181	68	1343	178	1	1590	221	231	51	3	506	43	239	134	1	417	3694
% Lights and Motorcycles	97.8%	99.0%	87.1%	75.0%	98.3%	97.1%	98.5%	97.3%	100%	98.3%	96.5%	91.3%	100%	100%	94.4%	100%	94.1%	97.1%	50.0%	95.4%	97.4%
Heavy	1	11	8	1	21	2	21	5	0	28	8	22	0	0	30	0	15	4	1	20	99
% Heavy	2.2%	1.0%	12.9%	25.0%	1.7%	2.9%	1.5%	2.7%	0%	1.7%	3.5%	8.7%	0%	0%	5.6%	0%	5.9%	2.9%	50.0%	4.6%	2.6%

*L: Left, R: Right, T: Thru, U: U-Turn

ALLISONVILLE RD & CUMBERLAND RD - TMC

Thu Mar 14, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636978, Location: 40.072354, -85.995971, Site Code: i-50



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-03-14																						
7:00AM	0	19	0	1	20	1	84	5	0	90	4	2	2	0	8	4	12	3	1	20	138	
7:15AM	0	23	2	0	25	7	84	16	0	107	1	5	2	0	8	3	14	1	0	18	158	
7:30AM	1	23	2	0	26	3	92	15	0	110	2	4	1	0	7	1	21	3	0	25	168	
7:45AM	2	19	2	0	23	1	80	6	0	87	3	6	2	0	11	2	20	2	0	24	145	
Total	3	84	6	1	94	12	340	42	0	394	10	17	7	0	34	10	67	9	1	87	609	
% Approach	3.2%	89.4%	6.4%	1.1%	-	3.0%	86.3%	10.7%	0%	-	29.4%	50.0%	20.6%	0%	-	11.5%	77.0%	10.3%	1.1%	-	-	
% Total	0.5%	13.8%	1.0%	0.2%	15.4%	2.0%	55.8%	6.9%	0%	64.7%	1.6%	2.8%	1.1%	0%	5.6%	1.6%	11.0%	1.5%	0.2%	14.3%	-	
PHF	0.375	0.913	0.750	0.250	0.904	0.429	0.924	0.656	-	0.895	0.625	0.708	0.875	-	0.773	0.625	0.798	0.750	0.250	0.870	0.906	
Lights and Motorcycles	2	82	5	0	89	12	334	39	0	385	9	10	7	0	26	10	67	9	0	86	586	
% Lights and Motorcycles	66.7%	97.6%	83.3%	0%	94.7%	100%	98.2%	92.9%	0%	97.7%	90.0%	58.8%	100%	0%	76.5%	100%	100%	100%	0%	98.9%	96.2%	
Heavy	1	2	1	1	5	0	6	3	0	9	1	7	0	0	8	0	0	0	1	1	23	
% Heavy	33.3%	2.4%	16.7%	100%	5.3%	0%	1.8%	7.1%	0%	2.3%	10.0%	41.2%	0%	0%	23.5%	0%	0%	0%	100%	1.1%	3.8%	

* L: Left, R: Right, T: Thru, U: U-Turn

ALLISONVILLE RD & CUMBERLAND RD - TMC

Thu Mar 14, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636978, Location: 40.072354, -85.995971, Site Code: i-50



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-03-14 4:45PM	2	73	4	0	79	3	44	12	0	59	14	14	5	0	33	3	11	5	0	19	190
5:00PM	1	69	2	0	72	4	52	4	0	60	19	16	2	1	38	1	8	10	0	19	189
5:15PM	2	73	4	0	79	5	55	6	0	66	21	20	2	0	43	3	7	7	0	17	205
5:30PM	4	63	5	0	72	1	63	8	0	72	11	10	7	0	28	0	11	7	0	18	190
Total	9	278	15	0	302	13	214	30	0	257	65	60	16	1	142	7	37	29	0	73	774
% Approach	3.0%	92.1%	5.0%	0%	-	5.1%	83.3%	11.7%	0%	-	45.8%	42.3%	11.3%	0.7%	-	9.6%	50.7%	39.7%	0%	-	-
% Total	1.2%	35.9%	1.9%	0%	39.0%	1.7%	27.6%	3.9%	0%	33.2%	8.4%	7.8%	2.1%	0.1%	18.3%	0.9%	4.8%	3.7%	0%	9.4%	-
PHF	0.563	0.952	0.750	-	0.956	0.650	0.849	0.625	-	0.892	0.774	0.750	0.571	0.250	0.826	0.583	0.841	0.725	-	0.961	0.944
Lights and Motorcycles	9	278	15	0	302	13	212	29	0	254	64	60	16	1	141	7	37	28	0	72	769
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	99.1%	96.7%	0%	98.8%	98.5%	100%	100%	100%	99.3%	100%	100%	96.6%	0%	98.6%	99.4%
Heavy	0	0	0	0	0	0	2	1	0	3	1	0	0	0	1	0	0	1	0	1	5
% Heavy	0%	0%	0%	0%	0%	0%	0.9%	3.3%	0%	1.2%	1.5%	0%	0%	0%	0.7%	0%	0%	3.4%	0%	1.4%	0.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & ALLISONVILLE RD - TMC

Wed Nov 7, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641193, Location: 40.074291, -85.982558, Site Code: i-51



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-11-07 3:00PM	12	116	0	128	77	8	0	85	5	7	0	12	225
3:15PM	12	112	0	124	72	4	0	76	12	5	0	17	217
3:30PM	7	118	0	125	80	9	0	89	8	11	0	19	233
3:45PM	10	137	1	148	70	5	0	75	9	3	0	12	235
Hourly Total	41	483	1	525	299	26	0	325	34	26	0	60	910
4:00PM	12	161	0	173	58	4	0	62	8	2	0	10	245
4:15PM	19	137	1	157	80	6	0	86	7	6	0	13	256
4:30PM	10	133	0	143	84	2	0	86	16	6	0	22	251
4:45PM	16	133	0	149	67	10	0	77	12	10	0	22	248
Hourly Total	57	564	1	622	289	22	0	311	43	24	0	67	1000
5:00PM	14	153	0	167	91	9	0	100	4	7	0	11	278
5:15PM	16	155	0	171	112	3	0	115	12	9	0	21	307
5:30PM	17	121	1	139	108	4	0	112	12	4	0	16	267
5:45PM	6	136	1	143	88	10	0	98	7	0	0	7	248
Hourly Total	53	565	2	620	399	26	0	425	35	20	0	55	1100
6:00PM	12	91	0	103	69	7	1	77	4	6	0	10	190
6:15PM	10	102	1	113	71	2	0	73	5	9	1	15	201
6:30PM	9	110	0	119	73	2	0	75	5	5	0	10	204
6:45PM	12	80	1	93	62	6	0	68	10	4	0	14	175
Hourly Total	43	383	2	428	275	17	1	293	24	24	1	49	770
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-11-08 6:30AM	5	42	0	47	159	7	0	166	3	4	0	7	220
6:45AM	3	46	0	49	127	6	0	133	4	14	0	18	200
Hourly Total	8	88	0	96	286	13	0	299	7	18	0	25	420
7:00AM	2	44	0	46	110	5	1	116	0	12	0	12	174
7:15AM	3	72	0	75	132	16	0	148	10	13	0	23	246
7:30AM	0	58	0	58	121	17	0	138	4	10	0	14	210
7:45AM	2	62	0	64	119	12	0	131	1	9	0	10	205
Hourly Total	7	236	0	243	482	50	1	533	15	44	0	59	835
8:00AM	1	56	0	57	111	9	0	120	0	5	0	5	182
8:15AM	2	80	0	82	97	7	0	104	1	10	0	11	197
8:30AM	0	1	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	3	137	0	140	208	16	0	224	1	15	0	16	380
Total	212	2456	6	2674	2238	170	2	2410	159	171	1	331	5415
% Approach	7.9%	91.8%	0.2%	-	92.9%	7.1%	0.1%	-	48.0%	51.7%	0.3%	-	-
% Total	3.9%	45.4%	0.1%	49.4%	41.3%	3.1%	0%	44.5%	2.9%	3.2%	0%	6.1%	-
Lights and Motorcycles	209	2303	6	2518	2139	165	2	2306	157	171	1	329	5153
% Lights and Motorcycles	98.6%	93.8%	100%	94.2%	95.6%	97.1%	100%	95.7%	98.7%	100%	100%	99.4%	95.2%
Heavy	3	153	0	156	99	5	0	104	2	0	0	2	262
% Heavy	1.4%	6.2%	0%	5.8%	4.4%	2.9%	0%	4.3%	1.3%	0%	0%	0.6%	4.8%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & ALLISONVILLE RD - TMC

Thu Nov 8, 2018

AM Peak (Nov 08 2018 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641193, Location: 40.074291, -85.982558, Site Code: i-51



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-11-08 7:15AM	3	72	0	75	132	16	0	148	10	13	0	23	246
7:30AM	0	58	0	58	121	17	0	138	4	10	0	14	210
7:45AM	2	62	0	64	119	12	0	131	1	9	0	10	205
8:00AM	1	56	0	57	111	9	0	120	0	5	0	5	182
Total	6	248	0	254	483	54	0	537	15	37	0	52	843
% Approach	2.4%	97.6%	0%	-	89.9%	10.1%	0%	-	28.8%	71.2%	0%	-	-
% Total	0.7%	29.4%	0%	30.1%	57.3%	6.4%	0%	63.7%	1.8%	4.4%	0%	6.2%	-
PHF	0.500	0.861	-	0.847	0.915	0.794	-	0.907	0.375	0.712	-	0.565	0.857
Lights and Motorcycles	6	218	0	224	464	54	0	518	15	37	0	52	794
% Lights and Motorcycles	100%	87.9%	0%	88.2%	96.1%	100%	0%	96.5%	100%	100%	0%	100%	94.2%
Heavy	0	30	0	30	19	0	0	19	0	0	0	0	49
% Heavy	0%	12.1%	0%	11.8%	3.9%	0%	0%	3.5%	0%	0%	0%	0%	5.8%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & ALLISONVILLE RD - TMC

Wed Nov 7, 2018

PM Peak (Nov 07 2018 4:45PM - 5:45 PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641193, Location: 40.074291, -85.982558, Site Code: i-51



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-11-07 4:45PM	16	133	0	149	67	10	0	77	12	10	0	22	248
5:00PM	14	153	0	167	91	9	0	100	4	7	0	11	278
5:15PM	16	155	0	171	112	3	0	115	12	9	0	21	307
5:30PM	17	121	1	139	108	4	0	112	12	4	0	16	267
Total	63	562	1	626	378	26	0	404	40	30	0	70	1100
% Approach	10.1%	89.8%	0.2%	-	93.6%	6.4%	0%	-	57.1%	42.9%	0%	-	-
% Total	5.7%	51.1%	0.1%	56.9%	34.4%	2.4%	0%	36.7%	3.6%	2.7%	0%	6.4%	-
PHF	0.926	0.906	0.250	0.915	0.844	0.650	-	0.878	0.833	0.750	-	0.795	0.896
Lights and Motorcycles	63	539	1	603	365	26	0	391	39	30	0	69	1063
% Lights and Motorcycles	100%	95.9%	100%	96.3%	96.6%	100%	0%	96.8%	97.5%	100%	0%	98.6%	96.6%
Heavy	0	23	0	23	13	0	0	13	1	0	0	1	37
% Heavy	0%	4.1%	0%	3.7%	3.4%	0%	0%	3.2%	2.5%	0%	0%	1.4%	3.4%

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(52) 196th Street & Promise Road
4/25/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		91	9	100						136	34	170
SOUTHBOUND	5	137		142					9	137		146
WESTBOUND	43		5	48					27		2	29

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.76				0.92	
SOUTHBOUND	0.83	0.91			0.87	0.91
WESTBOUND	0.71				0.73	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		3.3%	22.2%	5.0%						2.2%	0.0%	1.8%
SOUTHBOUND	20.0%	3.6%		4.2%					11.1%	3.6%		4.1%
WESTBOUND	2.3%		20.0%	4.2%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	30	55	85		22	22	107
7:00 AM	TO	8:00 AM	100	142	242		48	48	290
8:00 AM	TO	9:00 AM	37	59	96		26	26	122
3:00 PM	TO	4:00 PM	106	73	179		26	26	205
4:00 PM	TO	5:00 PM	145	103	248		33	33	281
5:00 PM	TO	6:00 PM	171	144	315		25	25	340
6:00 PM	TO	7:00 PM	128	82	210		28	28	238
TOTAL VOLUME			717	658	1375		208	208	1583
PERCENTAGE			45.3%	41.6%	86.9%		13.1%	13.1%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(52) 196th Street & Promise Road
4/25/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				28	0	28	2	0	2	30	0	30
7:00 AM - 8:00 AM				88	3	91	7	2	9	95	5	100
8:00 AM - 9:00 AM				26	3	29	7	1	8	33	4	37
PM TIME PERIOD												
3:00 PM - 4:00 PM				89	3	92	14	0	14	103	3	106
4:00 PM - 5:00 PM				116	2	118	27	0	27	143	2	145
5:00 PM - 6:00 PM				131	1	132	39	0	39	170	1	171
6:00 PM - 7:00 PM				93	0	93	35	0	35	128	0	128
PASSENGER				571 97.9%			131 97.8%			702 97.9%		
TRUCK				12 2.1%			3 2.2%			15 2.1%		
BOTH				583 81.3%			134 18.7%			717 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	45	10	55				45	10	55
7:00 AM - 8:00 AM	4	1	5	132	5	137				136	6	142
8:00 AM - 9:00 AM	0	0	0	54	5	59				54	5	59
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	0	4	64	5	69				68	5	73
4:00 PM - 5:00 PM	5	0	5	94	4	98				99	4	103
5:00 PM - 6:00 PM	8	1	9	131	4	135				139	5	144
6:00 PM - 7:00 PM	5	0	5	77	0	77				82	0	82
PASSENGER	26 92.9%			597 94.8%						623 94.7%		
TRUCK	2 7.1%			33 5.2%						35 5.3%		
BOTH	28 4.3%			630 95.7%						658 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	19	0	19				3	0	3	22	0	22
7:00 AM - 8:00 AM	42	1	43				4	1	5	46	2	48
8:00 AM - 9:00 AM	23	0	23				3	0	3	26	0	26
PM TIME PERIOD												
3:00 PM - 4:00 PM	20	1	21				4	1	5	24	2	26
4:00 PM - 5:00 PM	30	0	30				3	0	3	33	0	33
5:00 PM - 6:00 PM	22	0	22				3	0	3	25	0	25
6:00 PM - 7:00 PM	17	0	17				11	0	11	28	0	28
PASSENGER	173 98.9%						31 93.9%			204 98.1%		
TRUCK	2 1.1%						2 6.1%			4 1.9%		
BOTH	175 84.1%						33 15.9%			208 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(53) 196th Street & Summer Road
2/5/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	2		3	5					1		7
EASTBOUND		6	2	8						21	2	23
WESTBOUND	8	17		25					3	20		23

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.63				0.50
EASTBOUND	0.40	0.73			0.72	0.84
WESTBOUND	0.69				0.72	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	50.0%		33.3%	40.0%					0.0%		14.3%
EASTBOUND		16.7%	50.0%	25.0%						0.0%	0.0%	0.0%
WESTBOUND	25.0%	5.9%		12.0%					0.0%	0.0%		0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	2		2	2	13	15	17
7:00 AM	TO	8:00 AM	3		3	4	23	27	30
8:00 AM	TO	9:00 AM	3		3	7	10	17	20
3:00 PM	TO	4:00 PM	10		10	11	19	30	40
4:00 PM	TO	5:00 PM	7		7	21	21	42	49
5:00 PM	TO	6:00 PM	10		10	21	22	43	53
6:00 PM	TO	7:00 PM	6		6	8	11	19	25
TOTAL VOLUME			41		41	74	119	193	234
PERCENTAGE			17.5%		17.5%	31.6%	50.9%	82.5%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(54) 196th Street & Creek Road
4/16/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	4		4	8					5		7
EASTBOUND	2	6		8					6	24		30
WESTBOUND		19	1	20						14	4	18

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.67				0.75
EASTBOUND	0.67	0.90			0.75	0.79
WESTBOUND	0.83				0.75	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0.0%		25.0%	12.5%					20.0%		0.0%
EASTBOUND	0.0%	0.0%		0.0%					0.0%	4.2%		3.3%
WESTBOUND		15.8%	100.0%	20.0%						0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		3	3	6	7	13	16
7:00 AM	TO	8:00 AM		8	8	8	20	28	36
8:00 AM	TO	9:00 AM		7	7	3	7	10	17
3:00 PM	TO	4:00 PM		9	9	27	13	40	49
4:00 PM	TO	5:00 PM		7	7	16	16	32	39
5:00 PM	TO	6:00 PM		8	8	22	9	31	39
6:00 PM	TO	7:00 PM		10	10	25	19	44	54
TOTAL VOLUME				52	52	107	91	198	250
PERCENTAGE				20.8%	20.8%	42.8%	36.4%	79.2%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(54) 196th Street & Creek Road
4/16/2019

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	1	2				1	0	1	2	1	3
7:00 AM - 8:00 AM	4	0	4				3	1	4	7	1	8
8:00 AM - 9:00 AM	0	1	1				4	2	6	4	3	7
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3				5	1	6	8	1	9
4:00 PM - 5:00 PM	2	0	2				5	0	5	7	0	7
5:00 PM - 6:00 PM	4	0	4				4	0	4	8	0	8
6:00 PM - 7:00 PM	3	1	4				6	0	6	9	1	10
PASSENGER	17 85.0%						28 87.5%			45 86.5%		
TRUCK	3 15.0%						4 12.5%			7 13.5%		
BOTH	20 38.5%						32 61.5%			52 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	5	0	5				6	0	6
7:00 AM - 8:00 AM	2	0	2	6	0	6				8	0	8
8:00 AM - 9:00 AM	1	0	1	2	0	2				3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	6	0	6	20	1	21				26	1	27
4:00 PM - 5:00 PM	7	3	10	6	0	6				13	3	16
5:00 PM - 6:00 PM	3	0	3	18	1	19				21	1	22
6:00 PM - 7:00 PM	5	0	5	19	1	20				24	1	25
PASSENGER	25 89.3%			76 96.2%						101 94.4%		
TRUCK	3 10.7%			3 3.8%						6 5.6%		
BOTH	28 26.2%			79 73.8%						107 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				7	0	7	0	0	0	7	0	7
7:00 AM - 8:00 AM				16	3	19	0	1	1	16	4	20
8:00 AM - 9:00 AM				5	1	6	1	0	1	6	1	7
PM TIME PERIOD												
3:00 PM - 4:00 PM				8	2	10	2	1	3	10	3	13
4:00 PM - 5:00 PM				11	0	11	5	0	5	16	0	16
5:00 PM - 6:00 PM				8	0	8	1	0	1	9	0	9
6:00 PM - 7:00 PM				11	2	13	6	0	6	17	2	19
PASSENGER				66 89.2%			15 88.2%			81 89.0%		
TRUCK				8 10.8%			2 11.8%			10 11.0%		
BOTH				74 81.3%			17 18.7%			91 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(55) 196th Street and S Victory Chapel Road
4/17/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	4		2	6					4		9	13
EASTBOUND		3	6	9						14	5	19
WESTBOUND	1	14		15					5	8		13

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.50				0.81	
EASTBOUND	0.38	0.75			0.68	0.75
WESTBOUND	0.75				0.65	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%
EASTBOUND		0.0%	0.0%	0.0%						21.4%	0.0%	15.8%
WESTBOUND	0.0%	7.1%		6.7%					0.0%	0.0%		0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	4		4	5	3	8	12
7:00 AM	TO	8:00 AM	4		4	7	14	21	25
8:00 AM	TO	9:00 AM	0		0	5	6	11	11
3:00 PM	TO	4:00 PM	9		9	7	7	14	23
4:00 PM	TO	5:00 PM	13		13	19	13	32	45
5:00 PM	TO	6:00 PM	6		6	13	11	24	30
6:00 PM	TO	7:00 PM	5		5	12	6	18	23
TOTAL VOLUME			41		41	68	60	128	169
PERCENTAGE			24.3%		24.3%	40.2%	35.5%	75.7%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(55) 196th Street and S Victory Chapel Road
4/17/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	3	0	3				1	0	1	4	0	4
7:00 AM - 8:00 AM	2	1	3				1	0	1	3	1	4
8:00 AM - 9:00 AM	0	0	0				0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3				5	1	6	8	1	9
4:00 PM - 5:00 PM	4	0	4				9	0	9	13	0	13
5:00 PM - 6:00 PM	3	0	3				3	0	3	6	0	6
6:00 PM - 7:00 PM	2	0	2				3	0	3	5	0	5
PASSENGER	17 94.4%						22 95.7%			39 95.1%		
TRUCK	1 5.6%						1 4.3%			2 4.9%		
BOTH	18 43.9%						23 56.1%			41 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				1	1	2	3	0	3	4	1	5
7:00 AM - 8:00 AM				3	0	3	4	0	4	7	0	7
8:00 AM - 9:00 AM				4	0	4	0	1	1	4	1	5
PM TIME PERIOD												
3:00 PM - 4:00 PM				2	0	2	5	0	5	7	0	7
4:00 PM - 5:00 PM				11	3	14	5	0	5	16	3	19
5:00 PM - 6:00 PM				11	0	11	2	0	2	13	0	13
6:00 PM - 7:00 PM				10	0	10	2	0	2	12	0	12
PASSENGER				42 91.3%			21 95.5%			63 92.6%		
TRUCK				4 8.7%			1 4.5%			5 7.4%		
BOTH				46 67.6%			22 32.4%			68 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	0	3				3	0	3
7:00 AM - 8:00 AM	1	0	1	12	1	13				13	1	14
8:00 AM - 9:00 AM	2	0	2	3	1	4				5	1	6
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	4	2	6				5	2	7
4:00 PM - 5:00 PM	5	0	5	8	0	8				13	0	13
5:00 PM - 6:00 PM	3	1	4	6	1	7				9	2	11
6:00 PM - 7:00 PM	1	0	1	4	1	5				5	1	6
PASSENGER	13 92.9%			40 87.0%						53 88.3%		
TRUCK	1 7.1%			6 13.0%						7 11.7%		
BOTH	14 23.3%			46 76.7%						60 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (56) 196th Street & Victory Chapel Road
 9/6/2018
 BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:15 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	1		6	7					1		4
EASTBOUND	2	4		6					5	9		14
WESTBOUND		7	1	8						6	4	10

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.58				0.63
EASTBOUND	0.75	0.75			0.58	0.73
WESTBOUND	0.67				0.63	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0.0%		16.7%	14.3%					0.0%		0.0%
EASTBOUND	0.0%	0.0%		0.0%					0.0%	0.0%		0.0%
WESTBOUND		0.0%	0.0%	0.0%						0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		0	0	1	1	2	2
7:00 AM	TO	8:00 AM		7	7	6	8	14	21
8:00 AM	TO	9:00 AM		4	4	2	1	3	7
3:00 PM	TO	4:00 PM		5	5	11	10	21	26
4:00 PM	TO	5:00 PM		4	4	13	8	21	25
5:00 PM	TO	6:00 PM		4	4	12	7	19	23
6:00 PM	TO	7:00 PM		8	8	10	10	20	28
TOTAL VOLUME				32	32	55	45	100	132
PERCENTAGE				24.2%	24.2%	41.7%	34.1%	75.8%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(56) 196th Street & Victory Chapel Road
9/6/2018

DIRECTION OF TRAVEL : SOUTHBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	1	0	1				5	1	6	6	1	7
8:00 AM - 9:00 AM	0	0	0				3	1	4	3	1	4
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	1	0	1				4	0	4	5	0	5
4:00 PM - 5:00 PM	2	0	2				2	0	2	4	0	4
5:00 PM - 6:00 PM	0	0	0				4	0	4	4	0	4
6:00 PM - 7:00 PM	1	0	1				7	0	7	8	0	8
PASSENGER	5 100.0%						25 92.6%			30 93.8%		
TRUCK	0 0.0%						2 7.4%			2 6.3%		
BOTH	5 15.6%						27 84.4%			32 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM	0	0	0	1	0	1				1	0	1
7:00 AM - 8:00 AM	2	0	2	4	0	4				6	0	6
8:00 AM - 9:00 AM	1	0	1	1	0	1				2	0	2
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM	7	1	8	3	0	3				10	1	11
4:00 PM - 5:00 PM	3	1	4	9	0	9				12	1	13
5:00 PM - 6:00 PM	6	0	6	6	0	6				12	0	12
6:00 PM - 7:00 PM	3	0	3	7	0	7				10	0	10
PASSENGER	22 91.7%			31 100.0%						53 96.4%		
TRUCK	2 8.3%			0 0.0%						2 3.6%		
BOTH	24 43.6%			31 56.4%						55 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOURLY	LEFT			THROUGH			RIGHT			TOTAL		
AM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
6:00 AM - 7:00 AM				0	0	0	0	1	1	0	1	1
7:00 AM - 8:00 AM				7	0	7	1	0	1	8	0	8
8:00 AM - 9:00 AM				0	0	0	1	0	1	1	0	1
PM TIME PERIOD	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
3:00 PM - 4:00 PM				9	0	9	0	1	1	9	1	10
4:00 PM - 5:00 PM				4	0	4	4	0	4	8	0	8
5:00 PM - 6:00 PM				5	0	5	2	0	2	7	0	7
6:00 PM - 7:00 PM				8	0	8	2	0	2	10	0	10
PASSENGER				33 100.0%			10 83.3%			43 95.6%		
TRUCK				0 0.0%			2 16.7%			2 4.4%		
BOTH				33 73.3%			12 26.7%			45 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 196th Street & Mystic Road
 9/11/2018
 BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	1		2	3					1		0
EASTBOUND	1	4		5					1	16		17
WESTBOUND		13	0	13						9	1	10

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.38				0.25
EASTBOUND	0.63	0.88			0.71	0.88
WESTBOUND	0.81				0.50	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0.0%		50.0%	33.3%					0.0%		0.0%
EASTBOUND	0.0%	0.0%		0.0%					0.0%	6.3%		5.9%
WESTBOUND		7.7%	0.0%	7.7%						0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		1	1	1	4	5	6
7:00 AM	TO	8:00 AM		2	2	8	11	19	21
8:00 AM	TO	9:00 AM		0	0	1	7	8	8
3:00 PM	TO	4:00 PM		0	0	3	2	5	5
4:00 PM	TO	5:00 PM		1	1	9	8	17	18
5:00 PM	TO	6:00 PM		1	1	17	10	27	28
6:00 PM	TO	7:00 PM		2	2	11	4	15	17
TOTAL VOLUME				7	7	50	46	96	103
PERCENTAGE				6.8%	6.8%	48.5%	44.7%	93.2%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
196th Street & Mystic Road
9/11/2018

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	1	1	0	1	1
7:00 AM - 8:00 AM	1	0	1				1	0	1	2	0	2
8:00 AM - 9:00 AM	0	0	0				0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0				0	0	0	0	0	0
4:00 PM - 5:00 PM	0	0	0				1	0	1	1	0	1
5:00 PM - 6:00 PM	1	0	1				0	0	0	1	0	1
6:00 PM - 7:00 PM	0	0	0				2	0	2	2	0	2
PASSENGER	2 100.0%						4 80.0%			6 85.7%		
TRUCK	0 0.0%						1 20.0%			1 14.3%		
BOTH	2 28.6%						5 71.4%			7 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	1	0	1				1	0	1
7:00 AM - 8:00 AM	1	0	1	7	0	7				8	0	8
8:00 AM - 9:00 AM	0	0	0	1	0	1				1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	3	0	3				3	0	3
4:00 PM - 5:00 PM	0	0	0	9	0	9				9	0	9
5:00 PM - 6:00 PM	1	0	1	15	1	16				16	1	17
6:00 PM - 7:00 PM	1	0	1	10	0	10				11	0	11
PASSENGER	3 100.0%			46 97.9%						49 98.0%		
TRUCK	0 0.0%			1 2.1%						1 2.0%		
BOTH	3 6.0%			47 94.0%						50 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				4	0	4	0	0	0	4	0	4
7:00 AM - 8:00 AM				10	1	11	0	0	0	10	1	11
8:00 AM - 9:00 AM				5	2	7	0	0	0	5	2	7
PM TIME PERIOD												
3:00 PM - 4:00 PM				2	0	2	0	0	0	2	0	2
4:00 PM - 5:00 PM				7	0	7	1	0	1	8	0	8
5:00 PM - 6:00 PM				9	0	9	1	0	1	10	0	10
6:00 PM - 7:00 PM				4	0	4	0	0	0	4	0	4
PASSENGER				41 93.2%			2 100.0%			43 93.5%		
TRUCK				3 6.8%			0 0.0%			3 6.5%		
BOTH				44 95.7%			2 4.3%			46 100.0%		

A & F ENGINEERING CO., LLC
 TRAFFIC VOLUME SUMMARY

CLIENT :
 INTERSECTION :
 DATE :
 COUNTED BY :

City of Noblesville
 (58) 196th Street & Pilgrim Baptist Road
 9/19/2018
 AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:15 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:15 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1		0	1					1		0	1
EASTBOUND		4	1	5						11	1	12
WESTBOUND	0	13		13					0	21		21

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.25				0.25	
EASTBOUND	0.63	0.68			0.75	0.77
WESTBOUND	0.65				0.75	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%
EASTBOUND		0.0%	0.0%	0.0%						0.0%	0.0%	0.0%
WESTBOUND	0.0%	0.0%		0.0%					0.0%	0.0%		0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0		0	4	4	8	8
7:00 AM	TO	8:00 AM	0		0	5	12	17	17
8:00 AM	TO	9:00 AM	1		1	0	3	3	4
3:00 PM	TO	4:00 PM	6		6	7	17	24	30
4:00 PM	TO	5:00 PM	2		2	11	17	28	30
5:00 PM	TO	6:00 PM	1		1	10	17	27	28
6:00 PM	TO	7:00 PM	2		2	13	10	23	25
TOTAL VOLUME			12		12	50	80	130	142
PERCENTAGE			8.5%		8.5%	35.2%	56.3%	91.5%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(58) 196th Street & Pilgrim Baptist Road
9/19/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0				0	0	0	0	0	0
8:00 AM - 9:00 AM	1	0	1				0	0	0	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	6	0	6				0	0	0	6	0	6
4:00 PM - 5:00 PM	0	0	0				2	0	2	2	0	2
5:00 PM - 6:00 PM	1	0	1				0	0	0	1	0	1
6:00 PM - 7:00 PM	1	0	1				1	0	1	2	0	2
PASSENGER	9 100.0%						3 100.0%			12 100.0%		
TRUCK	0 0.0%						0 0.0%			0 0.0%		
BOTH	9 75.0%						3 25.0%			12 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				3	0	3	1	0	1	4	0	4
7:00 AM - 8:00 AM				4	0	4	1	0	1	5	0	5
8:00 AM - 9:00 AM				0	0	0	0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM				5	0	5	2	0	2	7	0	7
4:00 PM - 5:00 PM				10	0	10	1	0	1	11	0	11
5:00 PM - 6:00 PM				10	0	10	0	0	0	10	0	10
6:00 PM - 7:00 PM				10	0	10	3	0	3	13	0	13
PASSENGER				42 100.0%			8 100.0%			50 100.0%		
TRUCK				0 0.0%			0 0.0%			0 0.0%		
BOTH				42 84.0%			8 16.0%			50 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	4	0	4				4	0	4
7:00 AM - 8:00 AM	0	0	0	12	0	12				12	0	12
8:00 AM - 9:00 AM	0	0	0	3	0	3				3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3	14	0	14				17	0	17
4:00 PM - 5:00 PM	1	0	1	16	0	16				17	0	17
5:00 PM - 6:00 PM	1	0	1	16	0	16				17	0	17
6:00 PM - 7:00 PM	1	0	1	9	0	9				10	0	10
PASSENGER	6 100.0%			74 100.0%						80 100.0%		
TRUCK	0 0.0%			0 0.0%						0 0.0%		
BOTH	6 7.5%			74 92.5%						80 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(59) 196th Street & Prairie Baptist Road
4/23/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1	11	1	13					4	41	8	53
SOUTHBOUND	11	29	1	41					8	23	1	32
EASTBOUND	0	4	3	7					2	3	2	7
WESTBOUND	11	6	6	23					3	3	10	16

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.46	0.75			0.70	0.87
SOUTHBOUND	0.64				0.67	
EASTBOUND	0.88				0.44	
WESTBOUND	0.72				0.67	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	100.0%	9.1%	0.0%	15.4%					0.0%	0.0%	25.0%	3.8%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	4	20	24	5	8	13	37
7:00 AM	TO	8:00 AM	13	41	54	7	23	30	84
8:00 AM	TO	9:00 AM	9	11	20	2	3	5	25
3:00 PM	TO	4:00 PM	26	17	43	1	6	7	50
4:00 PM	TO	5:00 PM	45	30	75	5	16	21	96
5:00 PM	TO	6:00 PM	41	34	75	7	15	22	97
6:00 PM	TO	7:00 PM	41	23	64	8	11	19	83
TOTAL VOLUME			179	176	355	35	82	117	472
PERCENTAGE			37.9%	37.3%	75.2%	7.4%	17.4%	24.8%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(59) 196th Street & Prairie Baptist Road
4/23/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	4	0	4	0	0	0	4	0	4
7:00 AM - 8:00 AM	0	1	1	10	1	11	1	0	1	11	2	13
8:00 AM - 9:00 AM	2	0	2	4	0	4	3	0	3	9	0	9
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	17	2	19	6	0	6	24	2	26
4:00 PM - 5:00 PM	2	0	2	38	0	38	4	1	5	44	1	45
5:00 PM - 6:00 PM	4	0	4	29	0	29	7	1	8	40	1	41
6:00 PM - 7:00 PM	2	0	2	33	0	33	6	0	6	41	0	41
PASSENGER	11 91.7%			135 97.8%			27 93.1%			173 96.6%		
TRUCK	1 8.3%			3 2.2%			2 6.9%			6 3.4%		
BOTH	12 6.7%			138 77.1%			29 16.2%			179 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	16	1	17	1	0	1	19	1	20
7:00 AM - 8:00 AM	11	0	11	29	0	29	1	0	1	41	0	41
8:00 AM - 9:00 AM	3	0	3	8	0	8	0	0	0	11	0	11
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	0	5	9	1	10	2	0	2	16	1	17
4:00 PM - 5:00 PM	8	1	9	21	0	21	0	0	0	29	1	30
5:00 PM - 6:00 PM	12	0	12	20	0	20	2	0	2	34	0	34
6:00 PM - 7:00 PM	6	0	6	17	0	17	0	0	0	23	0	23
PASSENGER	47 97.9%			120 98.4%			6 100.0%			173 98.3%		
TRUCK	1 2.1%			2 1.6%			0 0.0%			3 1.7%		
BOTH	48 27.3%			122 69.3%			6 3.4%			176 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	2	0	2	1	1	2	4	1	5
7:00 AM - 8:00 AM	0	0	0	4	0	4	3	0	3	7	0	7
8:00 AM - 9:00 AM	1	0	1	0	0	0	1	0	1	2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	0	0	0	0	0	0	1	0	1
4:00 PM - 5:00 PM	1	0	1	3	0	3	1	0	1	5	0	5
5:00 PM - 6:00 PM	3	0	3	3	0	3	1	0	1	7	0	7
6:00 PM - 7:00 PM	3	0	3	5	0	5	0	0	0	8	0	8
PASSENGER	10 100.0%			17 100.0%			7 87.5%			34 97.1%		
TRUCK	0 0.0%			0 0.0%			1 12.5%			1 2.9%		
BOTH	10 28.6%			17 48.6%			8 22.9%			35 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	1	3	1	0	1	3	1	4	6	2	8
7:00 AM - 8:00 AM	11	0	11	6	0	6	6	0	6	23	0	23
8:00 AM - 9:00 AM	1	0	1	0	0	0	1	1	2	2	1	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	1	0	1	4	1	5	5	1	6
4:00 PM - 5:00 PM	6	1	7	1	0	1	8	0	8	15	1	16
5:00 PM - 6:00 PM	1	0	1	5	0	5	9	0	9	15	0	15
6:00 PM - 7:00 PM	0	0	0	6	0	6	5	0	5	11	0	11
PASSENGER	21 91.3%			20 100.0%			36 92.3%			77 93.9%		
TRUCK	2 8.7%			0 0.0%			3 7.7%			5 6.1%		
BOTH	23 28.0%			20 24.4%			39 47.6%			82 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(60) 196th Street & Cyntheanne Road
4/30/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0	4	0	4					3	11	5	19
SOUTHBOUND	0	10	0	10					5	14	0	19
EASTBOUND	0	11	3	14					0	16	1	17
WESTBOUND	2	3	2	7					1	17	0	18

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.33				0.79	
SOUTHBOUND	0.63	0.67			0.68	0.70
EASTBOUND	0.44				0.47	
WESTBOUND	0.58				0.75	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	18.2%	0.0%	10.5%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	1	5	6	2	3	5	11
7:00 AM	TO	8:00 AM	4	10	14	14	7	21	35
8:00 AM	TO	9:00 AM	5	5	10	3	5	8	18
3:00 PM	TO	4:00 PM	23	5	28	14	11	25	53
4:00 PM	TO	5:00 PM	22	10	32	14	21	35	67
5:00 PM	TO	6:00 PM	20	17	37	20	16	36	73
6:00 PM	TO	7:00 PM	13	3	16	8	10	18	34
TOTAL VOLUME			88	55	143	75	73	148	291
PERCENTAGE			30.2%	18.9%	49.1%	25.8%	25.1%	50.9%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(60) 196th Street & Cyntheanne Road
4/30/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	1	0	1	0	0	0	1	0	1
7:00 AM - 8:00 AM	0	0	0	4	0	4	0	0	0	4	0	4
8:00 AM - 9:00 AM	0	0	0	3	1	4	1	0	1	4	1	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	15	0	15	6	1	7	22	1	23
4:00 PM - 5:00 PM	2	0	2	11	1	12	8	0	8	21	1	22
5:00 PM - 6:00 PM	2	0	2	13	2	15	3	0	3	18	2	20
6:00 PM - 7:00 PM	2	0	2	6	1	7	4	0	4	12	1	13
PASSENGER	7 100.0%			53 91.4%			22 95.7%			82 93.2%		
TRUCK	0 0.0%			5 8.6%			1 4.3%			6 6.8%		
BOTH	7 8.0%			58 65.9%			23 26.1%			88 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	5	0	5	0	0	0	5	0	5
7:00 AM - 8:00 AM	0	0	0	10	0	10	0	0	0	10	0	10
8:00 AM - 9:00 AM	0	0	0	3	2	5	0	0	0	3	2	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	4	0	4	0	0	0	5	0	5
4:00 PM - 5:00 PM	4	0	4	6	0	6	0	0	0	10	0	10
5:00 PM - 6:00 PM	4	0	4	13	0	13	0	0	0	17	0	17
6:00 PM - 7:00 PM	0	0	0	2	1	3	0	0	0	2	1	3
PASSENGER	9 100.0%			43 93.5%			0 #DIV/0!			52 94.5%		
TRUCK	0 0.0%			3 6.5%			0 #DIV/0!			3 5.5%		
BOTH	9 16.4%			46 83.6%			0 0.0%			55 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	1	0	1	1	0	1	2	0	2
7:00 AM - 8:00 AM	0	0	0	11	0	11	3	0	3	14	0	14
8:00 AM - 9:00 AM	0	0	0	3	0	3	0	0	0	3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	13	0	13	1	0	1	14	0	14
4:00 PM - 5:00 PM	0	0	0	12	0	12	2	0	2	14	0	14
5:00 PM - 6:00 PM	0	0	0	19	0	19	1	0	1	20	0	20
6:00 PM - 7:00 PM	0	0	0	8	0	8	0	0	0	8	0	8
PASSENGER	0 #DIV/0!			67 100.0%			8 100.0%			75 100.0%		
TRUCK	0 #DIV/0!			0 0.0%			0 0.0%			0 0.0%		
BOTH	0 0.0%			67 89.3%			8 10.7%			75 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	1	0	1	0	0	0	3	0	3
7:00 AM - 8:00 AM	2	0	2	3	0	3	2	0	2	7	0	7
8:00 AM - 9:00 AM	1	0	1	1	0	1	1	2	3	3	2	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	7	2	9	0	0	0	9	2	11
4:00 PM - 5:00 PM	1	1	2	16	1	17	1	1	2	18	3	21
5:00 PM - 6:00 PM	2	0	2	14	0	14	0	0	0	16	0	16
6:00 PM - 7:00 PM	0	0	0	9	0	9	1	0	1	10	0	10
PASSENGER	10 90.9%			51 94.4%			5 62.5%			66 90.4%		
TRUCK	1 9.1%			3 5.6%			3 37.5%			7 9.6%		
BOTH	11 15.1%			54 74.0%			8 11.0%			73 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(61) 196th Street and Montana Avenue
3/6/2019
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0		1	1					2		0
EASTBOUND	0	13		13					0	17		17
WESTBOUND		12	2	14						19	1	20

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.25				0.50
EASTBOUND	0.81	0.78			0.61	0.89
WESTBOUND	0.88				0.63	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%
EASTBOUND	0.0%	0.0%		0.0%					0.0%	0.0%		0.0%
WESTBOUND		0.0%	0.0%	0.0%						0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		0	0	4	2	6	6
7:00 AM	TO	8:00 AM		1	1	13	14	27	28
8:00 AM	TO	9:00 AM		2	2	7	3	10	12
3:00 PM	TO	4:00 PM		4	4	7	17	24	28
4:00 PM	TO	5:00 PM		2	2	20	12	32	34
5:00 PM	TO	6:00 PM		2	2	17	20	37	39
6:00 PM	TO	7:00 PM		0	0	6	5	11	11
TOTAL VOLUME				11	11	74	73	147	158
PERCENTAGE				7.0%	7.0%	46.8%	46.2%	93.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(61) 196th Street and Montana Avenue
3/6/2019

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0				1	0	1	1	0	1
8:00 AM - 9:00 AM	0	1	1				0	1	1	0	2	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2				2	0	2	4	0	4
4:00 PM - 5:00 PM	2	0	2				0	0	0	2	0	2
5:00 PM - 6:00 PM	2	0	2				0	0	0	2	0	2
6:00 PM - 7:00 PM	0	0	0				0	0	0	0	0	0
PASSENGER	6 85.7%						3 75.0%			9 81.8%		
TRUCK	1 14.3%						1 25.0%			2 18.2%		
BOTH	7 63.6%						4 36.4%			11 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	4	0	4				4	0	4
7:00 AM - 8:00 AM	0	0	0	13	0	13				13	0	13
8:00 AM - 9:00 AM	0	0	0	7	0	7				7	0	7
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	6	0	6				7	0	7
4:00 PM - 5:00 PM	0	0	0	20	0	20				20	0	20
5:00 PM - 6:00 PM	0	0	0	17	0	17				17	0	17
6:00 PM - 7:00 PM	0	0	0	6	0	6				6	0	6
PASSENGER	1 100.0%			73 100.0%						74 100.0%		
TRUCK	0 0.0%			0 0.0%						0 0.0%		
BOTH	1 1.4%			73 98.6%						74 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				2	0	2	0	0	0	2	0	2
7:00 AM - 8:00 AM				12	0	12	2	0	2	14	0	14
8:00 AM - 9:00 AM				2	1	3	0	0	0	2	1	3
PM TIME PERIOD												
3:00 PM - 4:00 PM				13	3	16	1	0	1	14	3	17
4:00 PM - 5:00 PM				10	0	10	2	0	2	12	0	12
5:00 PM - 6:00 PM				19	0	19	1	0	1	20	0	20
6:00 PM - 7:00 PM				5	0	5	0	0	0	5	0	5
PASSENGER				63 94.0%			6 100.0%			69 94.5%		
TRUCK				4 6.0%			0 0.0%			4 5.5%		
BOTH				67 91.8%			6 8.2%			73 100.0%		

196TH ST & SR 13 - TMC

Thu Aug 30, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557746, Location: 40.074567, -85.863063, Site Code: I-62

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-30 6:30AM	3	17	0	20	60	0	0	60	0	5	0	5	85
6:45AM	2	27	0	29	48	0	0	48	0	2	0	2	79
Hourly Total	5	44	0	49	108	0	0	108	0	7	0	7	164
7:00AM	4	33	0	37	31	0	0	31	0	6	0	6	74
7:15AM	3	33	0	36	38	1	0	39	1	6	0	7	82
7:30AM	5	36	0	41	63	1	0	64	0	4	0	4	109
7:45AM	7	30	0	37	55	1	0	56	1	4	0	5	98
Hourly Total	19	132	0	151	187	3	0	190	2	20	0	22	363
8:00AM	2	28	0	30	35	1	0	36	1	4	0	5	71
8:15AM	3	25	0	28	31	0	0	31	0	4	0	4	63
Hourly Total	5	53	0	58	66	1	0	67	1	8	0	9	134
3:00PM	3	31	0	34	23	1	0	24	0	2	0	2	60
3:15PM	13	36	0	49	17	5	0	22	0	5	0	5	76
3:30PM	3	35	0	38	33	0	0	33	0	7	0	7	78
3:45PM	3	44	0	47	32	0	0	32	0	2	0	2	81
Hourly Total	22	146	0	168	105	6	0	111	0	16	0	16	295
4:00PM	5	48	0	53	31	1	0	32	0	4	0	4	89
4:15PM	0	42	0	42	43	0	0	43	2	2	0	4	89
4:30PM	4	47	0	51	47	0	0	47	2	5	0	7	105
4:45PM	1	49	0	50	49	0	0	49	0	5	0	5	104
Hourly Total	10	186	0	196	170	1	0	171	4	16	0	20	387
5:00PM	3	56	0	59	58	0	0	58	2	7	0	9	126
5:15PM	6	47	0	53	50	1	0	51	3	3	0	6	110
5:30PM	3	45	0	48	44	0	0	44	1	4	0	5	97
5:45PM	6	30	0	36	59	2	0	61	0	6	0	6	103
Hourly Total	18	178	0	196	211	3	0	214	6	20	0	26	436
6:00PM	4	52	0	56	44	1	0	45	0	4	0	4	105
6:15PM	5	41	0	46	32	2	0	34	0	2	0	2	82
6:30PM	5	34	0	39	29	0	0	29	0	2	0	2	70
6:45PM	4	35	0	39	30	0	0	30	0	4	0	4	73
Hourly Total	18	162	0	180	135	3	0	138	0	12	0	12	330
Total	97	901	0	998	982	17	0	999	13	99	0	112	2109
% Approach	9.7%	90.3%	0%	-	98.3%	1.7%	0%	-	11.6%	88.4%	0%	-	-
% Total	4.6%	42.7%	0%	47.3%	46.6%	0.8%	0%	47.4%	0.6%	4.7%	0%	5.3%	-
Lights and Motorcycles	91	850	0	941	922	16	0	938	13	94	0	107	1986
% Lights and Motorcycles	93.8%	94.3%	0%	94.3%	93.9%	94.1%	0%	93.9%	100%	94.9%	0%	95.5%	94.2%
Heavy	6	51	0	57	60	1	0	61	0	5	0	5	123
% Heavy	6.2%	5.7%	0%	5.7%	6.1%	5.9%	0%	6.1%	0%	5.1%	0%	4.5%	5.8%

* L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & SR 13 - TMC

Thu Aug 30, 2018

AM Peak (7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557746, Location: 40.074567, -85.863063, Site Code: I-62

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-30 7:00AM	4	33	0	37	31	0	0	31	0	6	0	6	74
7:15AM	3	33	0	36	38	1	0	39	1	6	0	7	82
7:30AM	5	36	0	41	63	1	0	64	0	4	0	4	109
7:45AM	7	30	0	37	55	1	0	56	1	4	0	5	98
Total	19	132	0	151	187	3	0	190	2	20	0	22	363
% Approach	12.6%	87.4%	0%	-	98.4%	1.6%	0%	-	9.1%	90.9%	0%	-	-
% Total	5.2%	36.4%	0%	41.6%	51.5%	0.8%	0%	52.3%	0.6%	5.5%	0%	6.1%	-
PHF	0.679	0.917	-	0.921	0.742	0.750	-	0.742	0.500	0.833	-	0.786	0.833
Lights and Motorcycles	19	124	0	143	179	3	0	182	2	19	0	21	346
% Lights and Motorcycles	100%	93.9%	0%	94.7%	95.7%	100%	0%	95.8%	100%	95.0%	0%	95.5%	95.3%
Heavy	0	8	0	8	8	0	0	8	0	1	0	1	17
% Heavy	0%	6.1%	0%	5.3%	4.3%	0%	0%	4.2%	0%	5.0%	0%	4.5%	4.7%

* L: Left, R: Right, T: Thru, U: U-Turn

196TH ST & SR 13 - TMC

Thu Aug 30, 2018

PM Peak (4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557746, Location: 40.074567, -85.863063, Site Code: I-62

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2018-08-30 4:30PM	4	47	0	51	47	0	0	47	2	5	0	7	105
4:45PM	1	49	0	50	49	0	0	49	0	5	0	5	104
5:00PM	3	56	0	59	58	0	0	58	2	7	0	9	126
5:15PM	6	47	0	53	50	1	0	51	3	3	0	6	110
Total	14	199	0	213	204	1	0	205	7	20	0	27	445
% Approach	6.6%	93.4%	0%	-	99.5%	0.5%	0%	-	25.9%	74.1%	0%	-	-
% Total	3.1%	44.7%	0%	47.9%	45.8%	0.2%	0%	46.1%	1.6%	4.5%	0%	6.1%	-
PHF	0.583	0.888	-	0.903	0.879	0.250	-	0.884	0.583	0.714	-	0.750	0.883
Lights and Motorcycles	14	192	0	206	185	1	0	186	7	20	0	27	419
% Lights and Motorcycles	100%	96.5%	0%	96.7%	90.7%	100%	0%	90.7%	100%	100%	0%	100%	94.2%
Heavy	0	7	0	7	19	0	0	19	0	0	0	0	26
% Heavy	0%	3.5%	0%	3.3%	9.3%	0%	0%	9.3%	0%	0%	0%	0%	5.8%

* L: Left, R: Right, T: Thru, U: U-Turn

ATLANTIC RD & SR 32 - TMC

Thu Aug 30, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557745, Location: 40.069117, -85.863074, Site Code: I-63

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-30																					
6:30AM	0	2	0	0	2	0	8	18	0	26	2	20	0	0	22	0	122	0	0	122	172
6:45AM	1	1	0	0	2	0	9	10	0	19	8	39	0	0	47	1	108	0	0	109	177
Hourly Total	1	3	0	0	4	0	17	28	0	45	10	59	0	0	69	1	230	0	0	231	349
7:00AM	1	0	0	0	1	0	2	6	0	8	5	23	0	0	28	0	125	2	0	127	164
7:15AM	0	1	0	0	1	0	5	4	0	9	7	53	0	0	60	0	86	0	0	86	156
7:30AM	2	3	0	0	5	0	8	14	0	22	6	50	0	0	56	0	115	1	0	116	199
7:45AM	0	0	0	0	0	0	6	12	0	18	11	49	2	0	62	1	103	0	0	104	184
Hourly Total	3	4	0	0	7	0	21	36	0	57	29	175	2	0	206	1	429	3	0	433	703
8:00AM	3	2	0	0	5	0	8	4	0	12	5	48	1	0	54	0	68	0	0	68	139
8:15AM	1	3	3	0	7	1	6	8	0	15	3	41	1	0	45	0	84	0	0	84	151
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	4	5	3	0	12	1	14	12	0	27	8	89	2	0	99	0	152	0	0	152	290
3:00PM	1	7	3	0	11	0	2	3	0	5	9	65	0	0	74	1	33	1	0	35	125
3:15PM	1	3	3	0	7	1	3	4	0	8	5	83	0	0	88	0	72	0	0	72	175
3:30PM	0	2	2	0	4	1	3	7	0	11	9	71	1	0	81	1	58	1	0	60	156
3:45PM	0	6	0	0	6	0	0	4	0	4	7	91	0	0	98	1	50	0	0	51	159
Hourly Total	2	18	8	0	28	2	8	18	0	28	30	310	1	0	341	3	213	2	0	218	615
4:00PM	2	6	1	0	9	0	1	6	0	7	11	97	2	0	110	1	58	1	0	60	186
4:15PM	0	4	1	0	5	0	1	9	0	10	9	113	1	0	123	4	58	0	0	62	200
4:30PM	0	4	2	0	6	0	2	8	0	10	8	109	2	0	119	1	67	0	0	68	203
4:45PM	1	3	4	0	8	0	3	7	0	10	15	140	3	0	158	0	61	0	0	61	237
Hourly Total	3	17	8	0	28	0	7	30	0	37	43	459	8	0	510	6	244	1	0	251	826
5:00PM	0	7	2	0	9	0	8	9	0	17	13	114	0	0	127	1	70	1	0	72	225
5:15PM	0	4	1	0	5	0	3	5	0	8	17	143	4	0	164	0	67	3	0	70	247
5:30PM	0	2	1	0	3	0	3	9	0	12	10	115	1	0	126	1	62	1	0	64	205
5:45PM	1	0	0	0	1	0	3	8	0	11	6	117	0	0	123	1	56	2	0	59	194
Hourly Total	1	13	4	0	18	0	17	31	0	48	46	489	5	0	540	3	255	7	0	265	871
6:00PM	0	4	3	0	7	1	1	13	0	15	11	78	1	0	90	1	52	0	0	53	165
6:15PM	0	1	2	0	3	0	5	6	0	11	7	102	0	0	109	2	46	0	0	48	171
6:30PM	0	5	0	0	5	0	2	5	0	7	3	83	0	0	86	1	49	0	0	50	148
6:45PM	0	4	2	0	6	0	6	4	0	10	6	59	0	0	65	1	41	0	0	42	123
Hourly Total	0	14	7	0	21	1	14	28	0	43	27	322	1	0	350	5	188	0	0	193	607
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	14	74	30	0	118	4	98	183	0	285	193	1903	19	0	2115	19	1711	13	0	1743	4261
% Approach	11.9%	62.7%	25.4%	0%	-	1.4%	34.4%	64.2%	0%	-	9.1%	90.0%	0.9%	0%	-	1.1%	98.2%	0.7%	0%	-	-
% Total	0.3%	1.7%	0.7%	0%	2.8%	0.1%	2.3%	4.3%	0%	6.7%	4.5%	44.7%	0.4%	0%	49.6%	0.4%	40.2%	0.3%	0%	40.9%	-
Lights and Motorcycles	8	72	29	0	109	4	95	176	0	275	187	1854	9	0	2050	18	1661	13	0	1692	4126
% Lights and Motorcycles	57.1%	97.3%	96.7%	0%	92.4%	100%	96.9%	96.2%	0%	96.5%	96.9%	97.4%	47.4%	0%	96.9%	94.7%	97.1%	100%	0%	97.1%	96.8%
Heavy	6	2	1	0	9	0	3	7	0	10	6	49	10	0	65	1	50	0	0	51	135
% Heavy	42.9%	2.7%	3.3%	0%	7.6%	0%	3.1%	3.8%	0%	3.5%	3.1%	2.6%	52.6%	0%	3.1%	5.3%	2.9%	0%	0%	2.9%	3.2%

*L: Left, R: Right, T: Thru, U: U-Turn

ATLANTIC RD & SR32 - TMC

Thu Aug 30, 2018

AM Peak (7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557745, Location: 40.069117, -85.863074, Site Code: I-63

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-08-30 7:00AM	1	0	0	0	1	0	2	6	0	8	5	23	0	0	28	0	125	2	0	127	164
7:15AM	0	1	0	0	1	0	5	4	0	9	7	53	0	0	60	0	86	0	0	86	156
7:30AM	2	3	0	0	5	0	8	14	0	22	6	50	0	0	56	0	115	1	0	116	199
7:45AM	0	0	0	0	0	0	6	12	0	18	11	49	2	0	62	1	103	0	0	104	184
Total	3	4	0	0	7	0	21	36	0	57	29	175	2	0	206	1	429	3	0	433	703
% Approach	42.9%	57.1%	0%	0%	-	0%	36.8%	63.2%	0%	-	14.1%	85.0%	1.0%	0%	-	0.2%	99.1%	0.7%	0%	-	-
% Total	0.4%	0.6%	0%	0%	1.0%	0%	3.0%	5.1%	0%	8.1%	4.1%	24.9%	0.3%	0%	29.3%	0.1%	61.0%	0.4%	0%	61.6%	-
PHF	0.375	0.333	-	-	0.350	-	0.656	0.643	-	0.648	0.659	0.825	0.250	-	0.831	0.250	0.858	0.375	-	0.852	0.883
Lights and Motorcycles	2	4	0	0	6	0	20	35	0	55	28	171	2	0	201	1	414	3	0	418	680
% Lights and Motorcycles	66.7%	100%	0%	0%	85.7%	0%	95.2%	97.2%	0%	96.5%	96.6%	97.7%	100%	0%	97.6%	100%	96.5%	100%	0%	96.5%	96.7%
Heavy	1	0	0	0	1	0	1	1	0	2	1	4	0	0	5	0	15	0	0	15	23
% Heavy	33.3%	0%	0%	0%	14.3%	0%	4.8%	2.8%	0%	3.5%	3.4%	2.3%	0%	0%	2.4%	0%	3.5%	0%	0%	3.5%	3.3%

*L: Left, R: Right, T: Thru, U: U-Turn

ATLANTIC RD & SR 32 - TMC

Thu Aug 30, 2018

PM Peak (4:45PM - 5:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 557745, Location: 40.069117, -85.863074, Site Code: I-63

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-30 4:45PM	1	3	4	0	8	0	3	7	0	10	15	140	3	0	158	0	61	0	0	61	237
5:00PM	0	7	2	0	9	0	8	9	0	17	13	114	0	0	127	1	70	1	0	72	225
5:15PM	0	4	1	0	5	0	3	5	0	8	17	143	4	0	164	0	67	3	0	70	247
5:30PM	0	2	1	0	3	0	3	9	0	12	10	115	1	0	126	1	62	1	0	64	205
Total	1	16	8	0	25	0	17	30	0	47	55	512	8	0	575	2	260	5	0	267	914
% Approach	4.0%	64.0%	32.0%	0%	-	0%	36.2%	63.8%	0%	-	9.6%	89.0%	1.4%	0%	-	0.7%	97.4%	1.9%	0%	-	-
% Total	0.1%	1.8%	0.9%	0%	2.7%	0%	1.9%	3.3%	0%	5.1%	6.0%	56.0%	0.9%	0%	62.9%	0.2%	28.4%	0.5%	0%	29.2%	-
PHF	0.250	0.571	0.500	-	0.694	-	0.531	0.833	-	0.691	0.809	0.895	0.500	-	0.877	0.500	0.929	0.417	-	0.927	0.925
Lights and Motorcycles	1	16	8	0	25	0	17	29	0	46	54	501	2	0	557	2	257	5	0	264	892
% Lights and Motorcycles	100%	100%	100%	0%	100%	0%	100%	96.7%	0%	97.9%	98.2%	97.9%	25.0%	0%	96.9%	100%	98.8%	100%	0%	98.9%	97.6%
Heavy	0	0	0	0	0	0	0	1	0	1	1	11	6	0	18	0	3	0	0	3	22
% Heavy	0%	0%	0%	0%	0%	0%	0%	3.3%	0%	2.1%	1.8%	2.1%	75.0%	0%	3.1%	0%	1.2%	0%	0%	1.1%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

SR32 & 191ST ST - TMC

Thu Sep 20, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565512, Location: 40.067153, -85.867581



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	West Eastbound				Southwest Northeastbound				Northeast Southwestbound				Int
	BL	HR	U	App	HL	T	U	App	T	BR	U	App	
2018-09-20 3:00PM	11	0	0	11	0	77	0	77	26	7	0	33	121
3:15PM	11	0	0	11	0	81	0	81	52	9	0	61	153
3:30PM	15	1	0	16	0	77	0	77	55	7	0	62	155
3:45PM	17	0	0	17	0	87	0	87	40	7	0	47	151
Hourly Total	54	1	0	55	0	322	0	322	173	30	0	203	580
4:00PM	12	0	0	12	1	99	0	100	50	10	0	60	172
4:15PM	13	0	0	13	0	97	0	97	52	11	0	63	173
4:30PM	19	0	0	19	0	105	0	105	58	23	0	81	205
4:45PM	20	1	0	21	0	105	0	105	48	9	0	57	183
Hourly Total	64	1	0	65	1	406	0	407	208	53	0	261	733
5:00PM	13	0	0	13	0	101	0	101	60	14	0	74	188
5:15PM	20	0	0	20	1	119	0	120	57	10	0	67	207
5:30PM	13	0	0	13	0	101	0	101	47	13	0	60	174
5:45PM	14	0	0	14	1	106	0	107	52	12	0	64	185
Hourly Total	60	0	0	60	2	427	0	429	216	49	0	265	754
6:00PM	17	0	0	17	0	79	0	79	38	11	0	49	145
6:15PM	18	0	0	18	0	86	0	86	48	6	0	54	158
6:30PM	8	0	0	8	1	78	0	79	33	8	0	41	128
6:45PM	9	0	0	9	0	58	0	58	28	13	0	41	108
Hourly Total	52	0	0	52	1	301	0	302	147	38	0	185	539
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-21 6:30AM	11	1	0	12	0	22	0	22	125	11	0	136	170
6:45AM	5	1	0	6	0	30	0	30	84	8	0	92	128
Hourly Total	16	2	0	18	0	52	0	52	209	19	0	228	298
7:00AM	1	0	0	1	0	28	0	28	113	10	0	123	152
7:15AM	11	0	0	11	0	31	0	31	100	16	0	116	158
7:30AM	10	1	0	11	0	32	1	33	112	14	0	126	170
7:45AM	7	0	0	7	0	54	0	54	83	21	1	105	166
Hourly Total	29	1	0	30	0	145	1	146	408	61	1	470	646
8:00AM	12	0	0	12	0	39	0	39	69	6	0	75	126
8:15AM	6	0	0	6	0	29	0	29	55	11	0	66	101
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	18	0	0	18	0	68	0	68	124	17	0	141	227
Total	293	5	0	298	4	1721	1	1726	1485	267	1	1753	3777
% Approach	98.3%	1.7%	0%	-	0.2%	99.7%	0.1%	-	84.7%	15.2%	0.1%	-	-
% Total	7.8%	0.1%	0%	7.9%	0.1%	45.6%	0%	45.7%	39.3%	7.1%	0%	46.4%	-
Lights and Motorcycles	286	2	0	288	4	1675	1	1680	1441	260	1	1702	3670
% Lights and Motorcycles	97.6%	40.0%	0%	96.6%	100%	97.3%	100%	97.3%	97.0%	97.4%	100%	97.1%	97.2%
Heavy	7	3	0	10	0	46	0	46	44	7	0	51	107
% Heavy	2.4%	60.0%	0%	3.4%	0%	2.7%	0%	2.7%	3.0%	2.6%	0%	2.9%	2.8%

*BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, T: Thru, U: U-Turn

SR32 & 191ST ST - TMC

Fri Sep 21, 2018

AM Peak (Sep 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565512, Location: 40.067153, -85.867581



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	West Eastbound				Southwest Northeastbound				Northeast Southwestbound				Int
	BL	HR	U	App	HL	T	U	App	T	BR	U	App	
2018-09-21 7:00AM	1	0	0	1	0	28	0	28	113	10	0	123	152
7:15AM	11	0	0	11	0	31	0	31	100	16	0	116	158
7:30AM	10	1	0	11	0	32	1	33	112	14	0	126	170
7:45AM	7	0	0	7	0	54	0	54	83	21	1	105	166
Total	29	1	0	30	0	145	1	146	408	61	1	470	646
% Approach	96.7%	3.3%	0%	-	0%	99.3%	0.7%	-	86.8%	13.0%	0.2%	-	-
% Total	4.5%	0.2%	0%	4.6%	0%	22.4%	0.2%	22.6%	63.2%	9.4%	0.2%	72.8%	-
PHF	0.659	0.250	-	0.682	-	0.671	0.250	0.676	0.903	0.726	0.250	0.933	0.950
Lights and Motorcycles	29	1	0	30	0	141	1	142	395	60	1	456	628
% Lights and Motorcycles	100%	100%	0%	100%	0%	97.2%	100%	97.3%	96.8%	98.4%	100%	97.0%	97.2%
Heavy	0	0	0	0	0	4	0	4	13	1	0	14	18
% Heavy	0%	0%	0%	0%	0%	2.8%	0%	2.7%	3.2%	1.6%	0%	3.0%	2.8%

*BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, T: Thru, U: U-Turn

SR 32 & 191ST ST - TMC

Thu Sep 20, 2018

PM Peak (Sep 20 2018 4:30PM - 5:30PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565512, Location: 40.067153, -85.867581



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	West Eastbound				Southwest Northeastbound				Northeast Southwestbound				Int
	BL	HR	U	App	HL	T	U	App	T	BR	U	App	
2018-09-20 4:30PM	19	0	0	19	0	105	0	105	58	23	0	81	205
4:45PM	20	1	0	21	0	105	0	105	48	9	0	57	183
5:00PM	13	0	0	13	0	101	0	101	60	14	0	74	188
5:15PM	20	0	0	20	1	119	0	120	57	10	0	67	207
Total	72	1	0	73	1	430	0	431	223	56	0	279	783
% Approach	98.6%	1.4%	0%	-	0.2%	99.8%	0%	-	79.9%	20.1%	0%	-	-
% Total	9.2%	0.1%	0%	9.3%	0.1%	54.9%	0%	55.0%	28.5%	7.2%	0%	35.6%	-
PHF	0.900	0.250	-	0.869	0.250	0.903	-	0.898	0.929	0.609	-	0.861	0.946
Lights and Motorcycles	71	1	0	72	1	415	0	416	221	53	0	274	762
% Lights and Motorcycles	98.6%	100%	0%	98.6%	100%	96.5%	0%	96.5%	99.1%	94.6%	0%	98.2%	97.3%
Heavy	1	0	0	1	0	15	0	15	2	3	0	5	21
% Heavy	1.4%	0%	0%	1.4%	0%	3.5%	0%	3.5%	0.9%	5.4%	0%	1.8%	2.7%

* BL: Bear left, BR: Bear right, HL: Hard left, HR: Hard right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(65) 191st Street & Cyntheanne Road
5/1/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	6	5	1	12					4	22	3	29
SOUTHBOUND	0	10	1	11					0	8	3	11
EASTBOUND	3	51	5	59					6	51	4	61
WESTBOUND	1	64	0	65					5	58	3	66

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.60				0.56	
SOUTHBOUND	0.55	0.77			0.69	0.79
EASTBOUND	0.78				0.90	
WESTBOUND	0.71				0.72	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	20.0%	100.0%	16.7%					0.0%	4.5%	0.0%	3.4%
SOUTHBOUND	0.0%	0.0%	100.0%	9.1%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					16.7%	0.0%	0.0%	1.6%
WESTBOUND	0.0%	1.6%	0.0%	1.5%					0.0%	1.7%	0.0%	1.5%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	2	8	10	16	15	31	41
7:00 AM	TO	8:00 AM	12	13	25	49	71	120	145
8:00 AM	TO	9:00 AM	7	3	10	25	20	45	55
3:00 PM	TO	4:00 PM	28	7	35	41	40	81	116
4:00 PM	TO	5:00 PM	20	10	30	68	46	114	144
5:00 PM	TO	6:00 PM	28	11	39	51	56	107	146
6:00 PM	TO	7:00 PM	21	3	24	40	28	68	92
TOTAL VOLUME			118	55	173	290	276	566	739
PERCENTAGE			16.0%	7.4%	23.4%	39.2%	37.3%	76.6%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(65) 191st Street & Cyntheanne Road
5/1/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	1	1	1	0	1	0	0	0	1	1	2
7:00 AM - 8:00 AM	7	0	7	5	0	5	0	0	0	12	0	12
8:00 AM - 9:00 AM	3	0	3	2	1	3	0	1	1	5	2	7
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	2	5	19	1	20	1	2	3	23	5	28
4:00 PM - 5:00 PM	2	0	2	9	2	11	7	0	7	18	2	20
5:00 PM - 6:00 PM	3	0	3	23	0	23	2	0	2	28	0	28
6:00 PM - 7:00 PM	9	0	9	10	0	10	2	0	2	21	0	21
PASSENGER	27 90.0%			69 94.5%			12 80.0%			108 91.5%		
TRUCK	3 10.0%			4 5.5%			3 20.0%			10 8.5%		
BOTH	30 25.4%			73 61.9%			15 12.7%			118 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	8	0	8	0	0	0	8	0	8
7:00 AM - 8:00 AM	0	0	0	12	0	12	0	1	1	12	1	13
8:00 AM - 9:00 AM	0	0	0	3	0	3	0	0	0	3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	6	0	6	0	0	0	7	0	7
4:00 PM - 5:00 PM	0	0	0	8	0	8	2	0	2	10	0	10
5:00 PM - 6:00 PM	1	0	1	7	0	7	3	0	3	11	0	11
6:00 PM - 7:00 PM	1	0	1	2	0	2	0	0	0	3	0	3
PASSENGER	3 100.0%			46 100.0%			5 83.3%			54 98.2%		
TRUCK	0 0.0%			0 0.0%			1 16.7%			1 1.8%		
BOTH	3 5.5%			46 83.6%			6 10.9%			55 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	13	1	14	0	2	2	13	3	16
7:00 AM - 8:00 AM	3	0	3	41	1	42	4	0	4	48	1	49
8:00 AM - 9:00 AM	0	0	0	22	0	22	3	0	3	25	0	25
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	38	2	40	0	0	0	39	2	41
4:00 PM - 5:00 PM	4	1	5	56	1	57	6	0	6	66	2	68
5:00 PM - 6:00 PM	3	1	4	46	0	46	1	0	1	50	1	51
6:00 PM - 7:00 PM	2	0	2	37	0	37	1	0	1	40	0	40
PASSENGER	13 86.7%			253 98.1%			15 88.2%			281 96.9%		
TRUCK	2 13.3%			5 1.9%			2 11.8%			9 3.1%		
BOTH	15 5.2%			258 89.0%			17 5.9%			290 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	13	0	13	0	0	0	15	0	15
7:00 AM - 8:00 AM	0	0	0	70	1	71	0	0	0	70	1	71
8:00 AM - 9:00 AM	1	0	1	19	0	19	0	0	0	20	0	20
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	36	1	37	1	0	1	39	1	40
4:00 PM - 5:00 PM	1	0	1	42	1	43	2	0	2	45	1	46
5:00 PM - 6:00 PM	4	0	4	51	0	51	1	0	1	56	0	56
6:00 PM - 7:00 PM	0	0	0	28	0	28	0	0	0	28	0	28
PASSENGER	10 100.0%			259 98.9%			4 100.0%			273 98.9%		
TRUCK	0 0.0%			3 1.1%			0 0.0%			3 1.1%		
BOTH	10 3.6%			262 94.9%			4 1.4%			276 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
191st Street & Prairie Baptist Road
5/7/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES				OFF PEAK HOUR VOLUMES				PM PEAK HOUR VOLUMES			
	BEGINS		6:45 AM		BEGINS				BEGINS		4:45 PM	
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	3	6	2	11					2	25	3	30
SOUTHBOUND	5	38	5	48					3	22	5	30
EASTBOUND	1	46	0	47					12	61	0	73
WESTBOUND	3	56	4	63					5	50	7	62

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.92				0.75	
SOUTHBOUND	0.71	0.86			0.68	0.89
EASTBOUND	0.73				0.91	
WESTBOUND	0.88				0.74	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	20.0%	2.6%	40.0%	8.3%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	2.2%	0.0%	2.1%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	5.4%	0.0%	4.8%					0.0%	4.0%	14.3%	4.8%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	5	21	26	14	28	42	68
7:00 AM	TO	8:00 AM	11	46	57	45	66	111	168
8:00 AM	TO	9:00 AM	6	13	19	20	8	28	47
3:00 PM	TO	4:00 PM	29	23	52	46	41	87	139
4:00 PM	TO	5:00 PM	32	33	65	59	53	112	177
5:00 PM	TO	6:00 PM	27	29	56	69	60	129	185
6:00 PM	TO	7:00 PM	28	25	53	37	35	72	125
TOTAL VOLUME			138	190	328	290	291	581	909
PERCENTAGE			15.2%	20.9%	36.1%	31.9%	32.0%	63.9%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
191st Street & Prairie Baptist Road
5/7/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	0	3	1	1	2	4	1	5
7:00 AM - 8:00 AM	3	0	3	7	0	7	1	0	1	11	0	11
8:00 AM - 9:00 AM	1	0	1	1	2	3	2	0	2	4	2	6
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	24	0	24	3	1	4	28	1	29
4:00 PM - 5:00 PM	3	0	3	27	1	28	1	0	1	31	1	32
5:00 PM - 6:00 PM	3	0	3	21	0	21	3	0	3	27	0	27
6:00 PM - 7:00 PM	1	0	1	26	0	26	1	0	1	28	0	28
PASSENGER	12 100.0%			109 97.3%			12 85.7%			133 96.4%		
TRUCK	0 0.0%			3 2.7%			2 14.3%			5 3.6%		
BOTH	12 8.7%			112 81.2%			14 10.1%			138 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	2	2	17	0	17	1	1	2	18	3	21
7:00 AM - 8:00 AM	5	0	5	35	1	36	3	2	5	43	3	46
8:00 AM - 9:00 AM	3	0	3	4	0	4	4	2	6	11	2	13
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	0	5	11	2	13	4	1	5	20	3	23
4:00 PM - 5:00 PM	6	1	7	18	0	18	8	0	8	32	1	33
5:00 PM - 6:00 PM	1	0	1	24	0	24	4	0	4	29	0	29
6:00 PM - 7:00 PM	0	0	0	19	0	19	6	0	6	25	0	25
PASSENGER	20 87.0%			128 97.7%			30 83.3%			178 93.7%		
TRUCK	3 13.0%			3 2.3%			6 16.7%			12 6.3%		
BOTH	23 12.1%			131 68.9%			36 18.9%			190 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	14	0	14	0	0	0	14	0	14
7:00 AM - 8:00 AM	1	0	1	42	2	44	0	0	0	43	2	45
8:00 AM - 9:00 AM	0	0	0	19	1	20	0	0	0	19	1	20
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	1	6	36	1	37	3	0	3	44	2	46
4:00 PM - 5:00 PM	10	0	10	43	1	44	5	0	5	58	1	59
5:00 PM - 6:00 PM	10	0	10	58	1	59	0	0	0	68	1	69
6:00 PM - 7:00 PM	2	0	2	34	0	34	1	0	1	37	0	37
PASSENGER	28 96.6%			246 97.6%			9 100.0%			283 97.6%		
TRUCK	1 3.4%			6 2.4%			0 0.0%			7 2.4%		
BOTH	29 10.0%			252 86.9%			9 3.1%			290 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	21	3	24	3	0	3	25	3	28
7:00 AM - 8:00 AM	2	0	2	58	2	60	4	0	4	64	2	66
8:00 AM - 9:00 AM	1	0	1	6	1	7	0	0	0	7	1	8
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	34	4	38	2	0	2	37	4	41
4:00 PM - 5:00 PM	2	0	2	42	4	46	4	1	5	48	5	53
5:00 PM - 6:00 PM	5	0	5	51	0	51	4	0	4	60	0	60
6:00 PM - 7:00 PM	0	0	0	27	0	27	8	0	8	35	0	35
PASSENGER	12 100.0%			239 94.5%			25 96.2%			276 94.8%		
TRUCK	0 0.0%			14 5.5%			1 3.8%			15 5.2%		
BOTH	12 4.1%			253 86.9%			26 8.9%			291 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(67) 191st Street & Durbin Road
4/23/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:15 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	5		2	7					20		12
EASTBOUND		51	9	60						64	6	70
WESTBOUND	10	67		77					8	60		68

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.58				0.89
EASTBOUND	0.79	0.84			0.76	0.90
WESTBOUND	0.92				0.89	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%		0.0%	0.0%					5.0%		0.0%
EASTBOUND		7.8%	0.0%	6.7%						0.0%	0.0%	0.0%
WESTBOUND	0.0%	3.0%		2.6%					0.0%	5.0%		4.4%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	3		3	24	27	51	54
7:00 AM	TO	8:00 AM	7		7	62	73	135	142
8:00 AM	TO	9:00 AM	4		4	25	29	54	58
3:00 PM	TO	4:00 PM	20		20	49	48	97	117
4:00 PM	TO	5:00 PM	32		32	70	68	138	170
5:00 PM	TO	6:00 PM	15		15	68	42	110	125
6:00 PM	TO	7:00 PM	11		11	38	34	72	83
TOTAL VOLUME			92		92	336	321	657	749
PERCENTAGE			12.3%		12.3%	44.9%	42.9%	87.7%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(67) 191st Street & Durbin Road
4/23/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2				1	0	1	3	0	3
7:00 AM - 8:00 AM	5	0	5				2	0	2	7	0	7
8:00 AM - 9:00 AM	2	1	3				0	1	1	2	2	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	11	3	14				4	2	6	15	5	20
4:00 PM - 5:00 PM	19	1	20				12	0	12	31	1	32
5:00 PM - 6:00 PM	6	1	7				8	0	8	14	1	15
6:00 PM - 7:00 PM	6	0	6				5	0	5	11	0	11
PASSENGER	51 89.5%						32 91.4%			83 90.2%		
TRUCK	6 10.5%						3 8.6%			9 9.8%		
BOTH	57 62.0%						35 38.0%			92 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				18	1	19	5	0	5	23	1	24
7:00 AM - 8:00 AM				49	4	53	8	1	9	57	5	62
8:00 AM - 9:00 AM				19	2	21	4	0	4	23	2	25
PM TIME PERIOD												
3:00 PM - 4:00 PM				38	3	41	3	5	8	41	8	49
4:00 PM - 5:00 PM				64	0	64	6	0	6	70	0	70
5:00 PM - 6:00 PM				63	1	64	4	0	4	67	1	68
6:00 PM - 7:00 PM				32	0	32	6	0	6	38	0	38
PASSENGER				283 96.3%			36 85.7%			319 94.9%		
TRUCK				11 3.7%			6 14.3%			17 5.1%		
BOTH				294 87.5%			42 12.5%			336 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	3	4	23	0	23				24	3	27
7:00 AM - 8:00 AM	10	0	10	61	2	63				71	2	73
8:00 AM - 9:00 AM	4	1	5	22	2	24				26	3	29
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	1	6	40	2	42				45	3	48
4:00 PM - 5:00 PM	8	0	8	57	3	60				65	3	68
5:00 PM - 6:00 PM	4	0	4	38	0	38				42	0	42
6:00 PM - 7:00 PM	3	0	3	31	0	31				34	0	34
PASSENGER	35 87.5%			272 96.8%						307 95.6%		
TRUCK	5 12.5%			9 3.2%						14 4.4%		
BOTH	40 12.5%			281 87.5%						321 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(68) 191st Street & Pilgram Baptist Road
4/18/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	4		1	5					2		0
EASTBOUND	0	56		56					3	74		77
WESTBOUND		76	1	77						54	3	57

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.63				0.50
EASTBOUND	0.70	0.72			0.80	0.89
WESTBOUND	0.71				0.79	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%
EASTBOUND	0.0%	5.4%		5.4%					33.3%	4.1%		5.2%
WESTBOUND		5.3%	100.0%	6.5%						5.6%	33.3%	7.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		4	4	14	23	37	41
7:00 AM	TO	8:00 AM		5	5	56	77	133	138
8:00 AM	TO	9:00 AM		0	0	23	15	38	38
3:00 PM	TO	4:00 PM		1	1	61	45	106	107
4:00 PM	TO	5:00 PM		2	2	58	59	117	119
5:00 PM	TO	6:00 PM		5	5	49	48	97	102
6:00 PM	TO	7:00 PM		2	2	41	39	80	82
TOTAL VOLUME				19	19	302	306	608	627
PERCENTAGE				3.0%	3.0%	48.2%	48.8%	97.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(68) 191st Street & Pilgram Baptist Road
4/18/2019

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	3	0	3				1	0	1	4	0	4
7:00 AM - 8:00 AM	4	0	4				1	0	1	5	0	5
8:00 AM - 9:00 AM	0	0	0				0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1				0	0	0	1	0	1
4:00 PM - 5:00 PM	2	0	2				0	0	0	2	0	2
5:00 PM - 6:00 PM	5	0	5				0	0	0	5	0	5
6:00 PM - 7:00 PM	2	0	2				0	0	0	2	0	2
PASSENGER	17 100.0%						2 100.0%			19 100.0%		
TRUCK	0 0.0%						0 0.0%			0 0.0%		
BOTH	17 89.5%						2 10.5%			19 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	14	0	14				14	0	14
7:00 AM - 8:00 AM	0	0	0	53	3	56				53	3	56
8:00 AM - 9:00 AM	0	0	0	23	0	23				23	0	23
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	1	4	56	1	57				59	2	61
4:00 PM - 5:00 PM	2	0	2	53	3	56				55	3	58
5:00 PM - 6:00 PM	2	0	2	47	0	47				49	0	49
6:00 PM - 7:00 PM	1	0	1	38	2	40				39	2	41
PASSENGER	8 88.9%			284 96.9%						292 96.7%		
TRUCK	1 11.1%			9 3.1%						10 3.3%		
BOTH	9 3.0%			293 97.0%						302 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				22	1	23	0	0	0	22	1	23
7:00 AM - 8:00 AM				72	4	76	0	1	1	72	5	77
8:00 AM - 9:00 AM				15	0	15	0	0	0	15	0	15
PM TIME PERIOD												
3:00 PM - 4:00 PM				43	2	45	0	0	0	43	2	45
4:00 PM - 5:00 PM				52	2	54	4	1	5	56	3	59
5:00 PM - 6:00 PM				46	0	46	2	0	2	48	0	48
6:00 PM - 7:00 PM				36	0	36	3	0	3	39	0	39
PASSENGER				286 96.9%			9 81.8%			295 96.4%		
TRUCK				9 3.1%			2 18.2%			11 3.6%		
BOTH				295 96.4%			11 3.6%			306 100.0%		

191ST ST & VICTORY CHAPEL RD - TMC

Wed May 15, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656537, Location: 40.066297, -85.934177, Site Code: i-69



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-05-15 6:30AM	1	2	0	3	0	3	0	3	10	0	0	10	16
6:45AM	0	1	0	1	1	9	0	10	12	0	0	12	23
Hourly Total	1	3	0	4	1	12	0	13	22	0	0	22	39
7:00AM	0	0	0	0	0	10	0	10	11	0	0	11	21
7:15AM	0	5	0	5	1	8	0	9	24	0	0	24	38
7:30AM	0	0	0	0	0	21	0	21	20	0	0	20	41
7:45AM	0	1	0	1	3	20	0	23	20	0	0	20	44
Hourly Total	0	6	0	6	4	59	0	63	75	0	0	75	144
8:00AM	0	2	0	2	0	10	0	10	18	0	0	18	30
8:15AM	0	2	0	2	1	15	0	16	9	0	0	9	27
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	4	0	4	1	25	0	26	27	0	0	27	57
3:00PM	1	0	0	1	3	8	0	11	10	0	0	10	22
3:15PM	0	3	0	3	1	10	0	11	17	1	0	18	32
3:30PM	0	0	0	0	2	20	0	22	9	0	0	9	31
3:45PM	0	1	0	1	2	11	0	13	13	0	0	13	27
Hourly Total	1	4	0	5	8	49	0	57	49	1	0	50	112
4:00PM	0	1	0	1	0	18	0	18	9	0	0	9	28
4:15PM	1	0	0	1	0	17	0	17	13	1	0	14	32
4:30PM	0	0	0	0	3	22	0	25	13	0	0	13	38
4:45PM	1	0	0	1	5	15	0	20	16	2	0	18	39
Hourly Total	2	1	0	3	8	72	0	80	51	3	0	54	137
5:00PM	1	2	0	3	3	29	0	32	18	0	0	18	53
5:15PM	0	2	0	2	1	23	0	24	15	2	0	17	43
5:30PM	0	2	0	2	0	13	0	13	13	0	0	13	28
5:45PM	0	4	0	4	3	9	0	12	14	0	0	14	30
Hourly Total	1	10	0	11	7	74	0	81	60	2	0	62	154
6:00PM	0	0	0	0	1	20	0	21	11	1	0	12	33
6:15PM	0	0	0	0	2	16	0	18	13	0	0	13	31
6:30PM	1	0	0	1	1	7	0	8	8	0	0	8	17
6:45PM	1	4	0	5	1	8	0	9	8	0	0	8	22
Hourly Total	2	4	0	6	5	51	0	56	40	1	0	41	103
Total	7	32	0	39	34	342	0	376	324	7	0	331	746
% Approach	17.9%	82.1%	0%	-	9.0%	91.0%	0%	-	97.9%	2.1%	0%	-	-
% Total	0.9%	4.3%	0%	5.2%	4.6%	45.8%	0%	50.4%	43.4%	0.9%	0%	44.4%	-
Lights and Motorcycles	7	26	0	33	31	329	0	360	314	7	0	321	714
% Lights and Motorcycles	100%	81.3%	0%	84.6%	91.2%	96.2%	0%	95.7%	96.9%	100%	0%	97.0%	95.7%
Heavy	0	6	0	6	3	13	0	16	10	0	0	10	32
% Heavy	0%	18.8%	0%	15.4%	8.8%	3.8%	0%	4.3%	3.1%	0%	0%	3.0%	4.3%

*L: Left, R: Right, T: Thru, U: U-Turn

19 1ST ST & VICTORY CHAPEL RD - TMC

Wed May 15, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656537, Location: 40.066297, -85.934177, Site Code: i-69



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-05-15 7:15AM	0	5	0	5	1	8	0	9	24	0	0	24	38
7:30AM	0	0	0	0	0	21	0	21	20	0	0	20	41
7:45AM	0	1	0	1	3	20	0	23	20	0	0	20	44
8:00AM	0	2	0	2	0	10	0	10	18	0	0	18	30
Total	0	8	0	8	4	59	0	63	82	0	0	82	153
% Approach	0%	100%	0%	-	6.3%	93.7%	0%	-	100%	0%	0%	-	-
% Total	0%	5.2%	0%	5.2%	2.6%	38.6%	0%	41.2%	53.6%	0%	0%	53.6%	-
PHF	-	0.400	-	0.400	0.333	0.702	-	0.685	0.854	-	-	0.854	0.869
Lights and Motorcycles	0	6	0	6	3	58	0	61	77	0	0	77	144
% Lights and Motorcycles	0%	75.0%	0%	75.0%	75.0%	98.3%	0%	96.8%	93.9%	0%	0%	93.9%	94.1%
Heavy	0	2	0	2	1	1	0	2	5	0	0	5	9
% Heavy	0%	25.0%	0%	25.0%	25.0%	1.7%	0%	3.2%	6.1%	0%	0%	6.1%	5.9%

* L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & VICTORY CHAPEL RD - TMC

Wed May 15, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656537, Location: 40.066297, -85.934177, Site Code: i-69



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-05-15 4:30PM	0	0	0	0	3	22	0	25	13	0	0	13	38
4:45PM	1	0	0	1	5	15	0	20	16	2	0	18	39
5:00PM	1	2	0	3	3	29	0	32	18	0	0	18	53
5:15PM	0	2	0	2	1	23	0	24	15	2	0	17	43
Total	2	4	0	6	12	89	0	101	62	4	0	66	173
% Approach	33.3%	66.7%	0%	-	11.9%	88.1%	0%	-	93.9%	6.1%	0%	-	-
% Total	1.2%	2.3%	0%	3.5%	6.9%	51.4%	0%	58.4%	35.8%	2.3%	0%	38.2%	-
PHF	0.500	0.500	-	0.500	0.600	0.767	-	0.789	0.861	0.500	-	0.917	0.816
Lights and Motorcycles	2	3	0	5	12	87	0	99	61	4	0	65	169
% Lights and Motorcycles	100%	75.0%	0%	83.3%	100%	97.8%	0%	98.0%	98.4%	100%	0%	98.5%	97.7%
Heavy	0	1	0	1	0	2	0	2	1	0	0	1	4
% Heavy	0%	25.0%	0%	16.7%	0%	2.2%	0%	2.0%	1.6%	0%	0%	1.5%	2.3%

* L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & DESHANE AVE - TMC

Wed May 15, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656542, Location: 40.066291, -85.934829, Site Code: i-230



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-05-15 6:30AM	0	0	0	0	3	0	0	3	2	10	0	12	15
6:45AM	0	1	0	1	9	0	0	9	0	13	0	13	23
Hourly Total	0	1	0	1	12	0	0	12	2	23	0	25	38
7:00AM	1	0	0	1	10	1	0	11	0	12	0	12	24
7:15AM	0	1	0	1	7	0	0	7	3	25	0	28	36
7:30AM	1	0	0	1	21	0	0	21	1	19	0	20	42
7:45AM	0	2	0	2	23	0	0	23	0	21	0	21	46
Hourly Total	2	3	0	5	61	1	0	62	4	77	0	81	148
8:00AM	1	0	0	1	10	1	0	11	2	18	0	20	32
8:15AM	0	1	0	1	16	0	0	16	3	8	0	11	28
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	1	0	2	26	1	0	27	5	26	0	31	60
3:00PM	1	3	0	4	8	1	0	9	0	10	0	10	23
3:15PM	1	1	1	3	10	0	0	10	1	19	0	20	33
3:30PM	2	0	0	2	23	1	0	24	1	7	0	8	34
3:45PM	0	1	0	1	12	0	0	12	0	15	0	15	28
Hourly Total	4	5	1	10	53	2	0	55	2	51	0	53	118
4:00PM	2	0	0	2	17	1	0	18	0	10	0	10	30
4:15PM	0	0	0	0	17	0	0	17	2	11	0	13	30
4:30PM	0	3	0	3	22	0	0	22	0	13	0	13	38
4:45PM	1	2	0	3	18	0	0	18	0	16	0	16	37
Hourly Total	3	5	0	8	74	1	0	75	2	50	0	52	135
5:00PM	1	4	0	5	28	0	0	28	2	18	0	20	53
5:15PM	2	2	0	4	23	0	0	23	2	16	0	18	45
5:30PM	1	0	0	1	13	1	0	14	2	12	0	14	29
5:45PM	0	2	0	2	11	2	0	13	1	16	0	17	32
Hourly Total	4	8	0	12	75	3	0	78	7	62	0	69	159
6:00PM	1	1	0	2	19	2	0	21	1	10	0	11	34
6:15PM	0	1	0	1	17	3	0	20	2	12	0	14	35
6:30PM	0	0	0	0	9	2	0	11	1	7	0	8	19
6:45PM	0	0	0	0	8	2	0	10	2	10	0	12	22
Hourly Total	1	2	0	3	53	9	0	62	6	39	0	45	110
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	15	25	1	41	354	17	0	371	28	328	0	356	768
% Approach	36.6%	61.0%	2.4%	-	95.4%	4.6%	0%	-	7.9%	92.1%	0%	-	-
% Total	2.0%	3.3%	0.1%	5.3%	46.1%	2.2%	0%	48.3%	3.6%	42.7%	0%	46.4%	-
Lights and Motorcycles	14	23	1	38	340	17	0	357	24	317	0	341	736
% Lights and Motorcycles	93.3%	92.0%	100%	92.7%	96.0%	100%	0%	96.2%	85.7%	96.6%	0%	95.8%	95.8%
Heavy	1	2	0	3	14	0	0	14	4	11	0	15	32
% Heavy	6.7%	8.0%	0%	7.3%	4.0%	0%	0%	3.8%	14.3%	3.4%	0%	4.2%	4.2%

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & DESHANE AVE - TMC

Wed May 15, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656542, Location: 40.066291, -85.934829, Site Code: i-230



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-05-15 7:15AM	0	1	0	1	7	0	0	7	3	25	0	28	36
7:30AM	1	0	0	1	21	0	0	21	1	19	0	20	42
7:45AM	0	2	0	2	23	0	0	23	0	21	0	21	46
8:00AM	1	0	0	1	10	1	0	11	2	18	0	20	32
Total	2	3	0	5	61	1	0	62	6	83	0	89	156
% Approach	40.0%	60.0%	0%	-	98.4%	1.6%	0%	-	6.7%	93.3%	0%	-	-
% Total	1.3%	1.9%	0%	3.2%	39.1%	0.6%	0%	39.7%	3.8%	53.2%	0%	57.1%	-
PHF	0.500	0.375	-	0.625	0.663	0.250	-	0.674	0.500	0.830	-	0.795	0.848
Lights and Motorcycles	2	2	0	4	60	1	0	61	5	77	0	82	147
% Lights and Motorcycles	100%	66.7%	0%	80.0%	98.4%	100%	0%	98.4%	83.3%	92.8%	0%	92.1%	94.2%
Heavy	0	1	0	1	1	0	0	1	1	6	0	7	9
% Heavy	0%	33.3%	0%	20.0%	1.6%	0%	0%	1.6%	16.7%	7.2%	0%	7.9%	5.8%

* L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & DESHANE AVE - TMC

Wed May 15, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656542, Location: 40.066291, -85.934829, Site Code: i-230



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-05-15 4:30PM	0	3	0	3	22	0	0	22	0	13	0	13	38
4:45PM	1	2	0	3	18	0	0	18	0	16	0	16	37
5:00PM	1	4	0	5	28	0	0	28	2	18	0	20	53
5:15PM	2	2	0	4	23	0	0	23	2	16	0	18	45
Total	4	11	0	15	91	0	0	91	4	63	0	67	173
% Approach	26.7%	73.3%	0%	-	100%	0%	0%	-	6.0%	94.0%	0%	-	-
% Total	2.3%	6.4%	0%	8.7%	52.6%	0%	0%	52.6%	2.3%	36.4%	0%	38.7%	-
PHF	0.500	0.688	-	0.750	0.813	-	-	0.813	0.500	0.875	-	0.838	0.816
Lights and Motorcycles	4	11	0	15	89	0	0	89	3	62	0	65	169
% Lights and Motorcycles	100%	100%	0%	100%	97.8%	0%	0%	97.8%	75.0%	98.4%	0%	97.0%	97.7%
Heavy	0	0	0	0	2	0	0	2	1	1	0	2	4
% Heavy	0%	0%	0%	0%	2.2%	0%	0%	2.2%	25.0%	1.6%	0%	3.0%	2.3%

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(70) 191st Street & Summer Road
2/6/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0		10	10					3		3
EASTBOUND	2	42		44					10	67		77
WESTBOUND		56	0	56						62	2	64

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	SOUTHBOUND	0.63				0.50
EASTBOUND	0.73	0.76			0.92	0.90
WESTBOUND	0.82				0.89	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	SOUTHBOUND	0.0%		20.0%	20.0%					66.7%		0.0%
EASTBOUND	0.0%	9.5%		11.4%					10.0%	1.5%		2.6%
WESTBOUND		5.4%	0.0%	8.9%					1.6%	100.0%		4.7%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		4	4	7	12	19	23
7:00 AM	TO	8:00 AM		10	10	42	56	98	108
8:00 AM	TO	9:00 AM		4	4	18	24	42	46
3:00 PM	TO	4:00 PM		7	7	60	52	112	119
4:00 PM	TO	5:00 PM		3	3	73	64	137	140
5:00 PM	TO	6:00 PM		3	3	67	61	128	131
6:00 PM	TO	7:00 PM		6	6	53	17	70	76
TOTAL VOLUME				37	37	320	286	606	643
PERCENTAGE				5.8%	5.8%	49.8%	44.5%	94.2%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(71) 191st Street & Mallery Road
2/7/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:15 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	4		1	5					10		2	12
EASTBOUND		46	7	53						71	4	75
WESTBOUND	2	61		63					2	69		71

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.63				0.50	
EASTBOUND	0.95	0.80			0.89	0.94
WESTBOUND	0.63				0.85	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%
EASTBOUND		2.2%	14.3%	3.8%						0.0%	0.0%	0.0%
WESTBOUND	0.0%	1.6%		1.6%					50.0%	1.4%		2.8%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0		0	13	26	39	39
7:00 AM	TO	8:00 AM	4		4	48	63	111	115
8:00 AM	TO	9:00 AM	2		2	24	21	45	47
3:00 PM	TO	4:00 PM	5		5	61	39	100	105
4:00 PM	TO	5:00 PM	13		13	67	54	121	134
5:00 PM	TO	6:00 PM	4		4	63	54	117	121
6:00 PM	TO	7:00 PM	4		4	51	34	85	89
TOTAL VOLUME			32		32	327	291	618	650
PERCENTAGE			4.9%		4.9%	50.3%	44.8%	95.1%	100.0%

191ST ST & PROMISE RD - TMC

Thu May 23, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 659569, Location: 40.065893, -85.971901, Site Code: i-72



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-23																					
6:30AM	1	4	0	0	5	2	32	9	0	43	0	6	5	0	11	4	19	0	0	23	82
6:45AM	3	13	2	0	18	1	32	15	0	48	2	12	6	0	20	4	22	0	0	26	112
Hourly Total	4	17	2	0	23	3	64	24	0	91	2	18	11	0	31	8	41	0	0	49	194
7:00AM	4	24	0	0	28	2	24	22	0	48	1	10	8	0	19	7	32	1	0	40	135
7:15AM	7	22	0	0	29	2	30	12	0	44	4	17	3	0	24	2	28	1	0	31	128
7:30AM	8	12	1	0	21	4	41	12	0	57	4	22	9	0	35	8	25	0	0	33	146
7:45AM	12	13	1	0	26	7	41	13	0	61	1	12	6	0	19	4	26	1	0	31	137
Hourly Total	31	71	2	0	104	15	136	59	0	210	10	61	26	0	97	21	111	3	0	135	546
8:00AM	4	16	1	0	21	2	36	14	0	52	4	13	8	0	25	5	20	2	0	27	125
8:15AM	4	12	0	0	16	0	34	22	0	56	0	15	5	0	20	5	32	1	0	38	130
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	8	28	1	0	37	2	70	36	0	108	4	28	13	0	45	10	52	3	0	65	255
3:00PM	7	29	2	0	38	1	23	6	0	30	11	20	11	0	42	4	15	2	0	21	131
3:15PM	5	20	5	0	30	1	18	6	0	25	8	20	11	0	39	3	13	3	0	19	113
3:30PM	5	30	6	0	41	2	32	5	0	39	13	22	11	0	46	3	14	2	0	19	145
3:45PM	10	24	7	0	41	2	22	4	0	28	10	21	4	0	35	1	19	3	0	23	127
Hourly Total	27	103	20	0	150	6	95	21	0	122	42	83	37	0	162	11	61	10	0	82	516
4:00PM	5	35	6	0	46	3	29	4	0	36	8	20	8	0	36	2	13	1	0	16	134
4:15PM	8	40	5	0	53	0	23	9	0	32	10	19	4	0	33	1	13	2	0	16	134
4:30PM	10	52	4	0	66	5	34	4	0	43	4	24	7	0	35	4	25	1	0	30	174
4:45PM	8	49	4	0	61	2	31	12	0	45	10	26	7	0	43	3	32	2	0	37	186
Hourly Total	31	176	19	0	226	10	117	29	0	156	32	89	26	0	147	10	83	6	0	99	628
5:00PM	16	53	9	0	78	1	27	8	0	36	11	42	5	0	58	1	22	4	0	27	199
5:15PM	16	71	5	1	93	4	35	5	0	44	6	25	13	0	44	6	24	3	0	33	214
5:30PM	15	51	7	0	73	5	28	8	0	41	6	39	12	0	57	5	22	1	0	28	199
5:45PM	11	37	4	0	52	2	33	11	0	46	12	24	6	0	42	3	23	2	0	28	168
Hourly Total	58	212	25	1	296	12	123	32	0	167	35	130	36	0	201	15	91	10	0	116	780
6:00PM	6	32	2	0	40	4	25	3	0	32	7	19	5	0	31	7	18	4	0	29	132
6:15PM	11	28	4	0	43	2	37	5	0	44	9	16	4	0	29	2	23	1	0	26	142
6:30PM	11	23	5	0	39	0	22	6	0	28	8	13	8	0	29	6	16	4	0	26	122
6:45PM	7	39	1	0	47	1	29	1	0	31	12	21	4	0	37	2	14	2	0	18	133
Hourly Total	35	122	12	0	169	7	113	15	0	135	36	69	21	0	126	17	71	11	0	99	529
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	194	729	81	1	1005	55	718	216	0	989	161	478	170	0	809	92	510	43	0	645	3448
% Approach	19.3%	72.5%	8.1%	0.1%	-	5.6%	72.6%	21.8%	0%	-	19.9%	59.1%	21.0%	0%	-	14.3%	79.1%	6.7%	0%	-	-
% Total	5.6%	21.1%	2.3%	0%	29.1%	1.6%	20.8%	6.3%	0%	28.7%	4.7%	13.9%	4.9%	0%	23.5%	2.7%	14.8%	1.2%	0%	18.7%	-
Lights and Motorcycles	191	709	77	1	978	48	693	211	0	952	159	461	165	0	785	91	488	36	0	615	3330
% Lights and Motorcycles	98.5%	97.3%	95.1%	100%	97.3%	87.3%	96.5%	97.7%	0%	96.3%	98.8%	96.4%	97.1%	0%	97.0%	98.9%	95.7%	83.7%	0%	95.3%	96.6%
Heavy	3	20	4	0	27	7	25	5	0	37	2	17	5	0	24	1	22	7	0	30	118
% Heavy	1.5%	2.7%	4.9%	0%	2.7%	12.7%	3.5%	2.3%	0%	3.7%	1.2%	3.6%	2.9%	0%	3.0%	1.1%	4.3%	16.3%	0%	4.7%	3.4%

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & PROMISE RD - TMC

Thu May 23, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 659569, Location: 40.065893, -85.971901, Site Code: i-72



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-05-23																						
7:00AM	4	24	0	0	28	2	24	22	0	48	1	10	8	0	19	7	32	1	0	40	135	
7:15AM	7	22	0	0	29	2	30	12	0	44	4	17	3	0	24	2	28	1	0	31	128	
7:30AM	8	12	1	0	21	4	41	12	0	57	4	22	9	0	35	8	25	0	0	33	146	
7:45AM	12	13	1	0	26	7	41	13	0	61	1	12	6	0	19	4	26	1	0	31	137	
Total	31	71	2	0	104	15	136	59	0	210	10	61	26	0	97	21	111	3	0	135	546	
% Approach	29.8%	68.3%	1.9%	0%	-	7.1%	64.8%	28.1%	0%	-	10.3%	62.9%	26.8%	0%	-	15.6%	82.2%	2.2%	0%	-	-	
% Total	5.7%	13.0%	0.4%	0%	19.0%	2.7%	24.9%	10.8%	0%	38.5%	1.8%	11.2%	4.8%	0%	17.8%	3.8%	20.3%	0.5%	0%	24.7%	-	
PHF	0.646	0.740	0.500	-	0.897	0.536	0.829	0.670	-	0.861	0.625	0.693	0.722	-	0.693	0.656	0.867	0.750	-	0.844	0.935	
Lights and Motorcycles	31	64	2	0	97	15	131	58	0	204	9	59	26	0	94	20	106	2	0	128	523	
% Lights and Motorcycles	100%	90.1%	100%	0%	93.3%	100%	96.3%	98.3%	0%	97.1%	90.0%	96.7%	100%	0%	96.9%	95.2%	95.5%	66.7%	0%	94.8%	95.8%	
Heavy	0	7	0	0	7	0	5	1	0	6	1	2	0	0	3	1	5	1	0	7	23	
% Heavy	0%	9.9%	0%	0%	6.7%	0%	3.7%	1.7%	0%	2.9%	10.0%	3.3%	0%	0%	3.1%	4.8%	4.5%	33.3%	0%	5.2%	4.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & PROMISE RD - TMC

Thu May 23, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 659569, Location: 40.065893, -85.971901, Site Code: i-72



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-05-23																						
4:45PM	8	49	4	0	61	2	31	12	0	45	10	26	7	0	43	3	32	2	0	37	186	
5:00PM	16	53	9	0	78	1	27	8	0	36	11	42	5	0	58	1	22	4	0	27	199	
5:15PM	16	71	5	1	93	4	35	5	0	44	6	25	13	0	44	6	24	3	0	33	214	
5:30PM	15	51	7	0	73	5	28	8	0	41	6	39	12	0	57	5	22	1	0	28	199	
Total	55	224	25	1	305	12	121	33	0	166	33	132	37	0	202	15	100	10	0	125	798	
% Approach	18.0%	73.4%	8.2%	0.3%	-	7.2%	72.9%	19.9%	0%	-	16.3%	65.3%	18.3%	0%	-	12.0%	80.0%	8.0%	0%	-	-	
% Total	6.9%	28.1%	3.1%	0.1%	38.2%	1.5%	15.2%	4.1%	0%	20.8%	4.1%	16.5%	4.6%	0%	25.3%	1.9%	12.5%	1.3%	0%	15.7%	-	
PHF	0.859	0.789	0.694	0.250	0.820	0.600	0.864	0.688	-	0.922	0.750	0.786	0.712	-	0.871	0.625	0.781	0.625	-	0.845	0.932	
Lights and Motorcycles	55	219	25	1	300	11	120	33	0	164	33	129	37	0	199	15	96	9	0	120	783	
% Lights and Motorcycles	100%	97.8%	100%	100%	98.4%	91.7%	99.2%	100%	0%	98.8%	100%	97.7%	100%	0%	98.5%	100%	96.0%	90.0%	0%	96.0%	98.1%	
Heavy	0	5	0	0	5	1	1	0	0	2	0	3	0	0	3	0	4	1	0	5	15	
% Heavy	0%	2.2%	0%	0%	1.6%	8.3%	0.8%	0%	0%	1.2%	0%	2.3%	0%	0%	1.5%	0%	4.0%	10.0%	0%	4.0%	1.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & 191ST ST - TMC

Wed Feb 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619355, Location: 40.065664, -85.990581, Site Code: i-73



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-06																					
6:30AM	9	33	4	0	46	1	117	2	0	120	3	7	57	0	67	50	23	0	0	73	306
6:45AM	12	40	7	0	59	1	99	0	0	100	0	7	73	0	80	59	27	0	0	86	325
Hourly Total	21	73	11	0	105	2	216	2	0	220	3	14	130	0	147	109	50	0	0	159	631
7:00AM	28	58	4	0	90	0	108	0	1	109	1	5	51	0	57	118	58	0	0	176	432
7:15AM	29	66	13	0	108	1	121	3	0	125	4	23	87	0	114	102	51	1	0	154	501
7:30AM	36	46	14	0	96	1	113	2	0	116	3	36	93	0	132	55	49	1	0	105	449
7:45AM	41	28	9	0	78	0	146	10	0	156	5	31	80	0	116	60	60	0	0	120	470
Hourly Total	134	198	40	0	372	2	488	15	1	506	13	95	311	0	419	335	218	2	0	555	1852
8:00AM	42	41	12	0	95	4	94	1	0	99	1	11	85	0	97	50	46	0	0	96	387
8:15AM	22	50	11	0	83	1	110	4	0	115	3	17	64	0	84	58	48	1	0	107	389
Hourly Total	64	91	23	0	178	5	204	5	0	214	4	28	149	0	181	108	94	1	0	203	776
3:00PM	68	110	39	0	217	1	54	1	0	56	1	24	48	0	73	31	34	2	0	67	413
3:15PM	52	107	34	0	193	0	73	2	0	75	3	41	53	0	97	26	20	2	0	48	413
3:30PM	44	109	39	0	192	3	63	1	0	67	2	65	51	0	118	20	17	0	0	37	414
3:45PM	47	131	43	0	221	1	78	3	0	82	2	36	36	0	74	25	30	1	0	56	433
Hourly Total	211	457	155	0	823	5	268	7	0	280	8	166	188	0	362	102	101	5	0	208	1673
4:00PM	50	154	43	0	247	4	74	3	0	81	2	35	41	0	78	22	21	1	0	44	450
4:15PM	67	136	53	0	256	1	80	1	0	82	1	50	43	0	94	29	27	2	0	58	490
4:30PM	65	167	66	0	298	0	83	1	0	84	5	53	41	0	99	41	25	2	0	68	549
4:45PM	68	151	61	0	280	0	82	5	0	87	2	48	54	0	104	36	29	2	0	67	538
Hourly Total	250	608	223	0	1081	5	319	10	0	334	10	186	179	0	375	128	102	7	0	237	2027
5:00PM	57	152	55	0	264	2	84	5	0	91	8	46	31	0	85	40	31	0	0	71	511
5:15PM	60	141	71	0	272	0	87	2	0	89	3	51	41	0	95	40	28	0	0	68	524
5:30PM	79	125	53	0	257	0	88	1	0	89	2	45	34	0	81	44	25	1	0	70	497
5:45PM	57	135	62	0	254	2	72	4	0	78	3	28	41	0	72	32	38	2	0	72	476
Hourly Total	253	553	241	0	1047	4	331	12	0	347	16	170	147	0	333	156	122	3	0	281	2008
6:00PM	54	109	47	0	210	1	75	2	0	78	3	44	36	0	83	39	22	3	0	64	435
6:15PM	57	99	65	0	221	4	77	0	0	81	0	28	40	0	68	34	29	0	0	63	433
6:30PM	40	94	48	0	182	1	52	2	0	55	2	31	29	0	62	31	21	0	0	52	351
6:45PM	31	95	54	0	180	2	41	1	0	44	1	28	21	0	50	29	18	0	0	47	321
Hourly Total	182	397	214	0	793	8	245	5	0	258	6	131	126	0	263	133	90	3	0	226	1540
Total	1115	2377	907	0	4399	31	2071	56	1	2159	60	790	1230	0	2080	1071	777	21	0	1869	10507
% Approach	25.3%	54.0%	20.6%	0%	-	1.4%	95.9%	2.6%	0%	-	2.9%	38.0%	59.1%	0%	-	57.3%	41.6%	1.1%	0%	-	-
% Total	10.6%	22.6%	8.6%	0%	41.9%	0.3%	19.7%	0.5%	0%	20.5%	0.6%	7.5%	11.7%	0%	19.8%	10.2%	7.4%	0.2%	0%	17.8%	-
Lights and Motorcycles	1109	2276	904	0	4289	29	1987	55	1	2072	56	765	1219	0	2040	1058	759	21	0	1838	10239
% Lights and Motorcycles	99.5%	95.8%	99.7%	0%	97.5%	93.5%	95.9%	98.2%	100%	96.0%	93.3%	96.8%	99.1%	0%	98.1%	98.8%	97.7%	100%	0%	98.3%	97.4%
Heavy	6	101	3	0	110	2	84	1	0	87	4	25	11	0	40	13	18	0	0	31	268
% Heavy	0.5%	4.2%	0.3%	0%	2.5%	6.5%	4.1%	1.8%	0%	4.0%	6.7%	3.2%	0.9%	0%	1.9%	1.2%	2.3%	0%	0%	1.7%	2.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & 191ST ST - TMC

Wed Feb 6, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619355, Location: 40.065664, -85.990581, Site Code: i-73



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-06																						
7:00AM	28	58	4	0	90	0	108	0	1	109	1	5	51	0	57	118	58	0	0	176	432	
7:15AM	29	66	13	0	108	1	121	3	0	125	4	23	87	0	114	102	51	1	0	154	501	
7:30AM	36	46	14	0	96	1	113	2	0	116	3	36	93	0	132	55	49	1	0	105	449	
7:45AM	41	28	9	0	78	0	146	10	0	156	5	31	80	0	116	60	60	0	0	120	470	
Total	134	198	40	0	372	2	488	15	1	506	13	95	311	0	419	335	218	2	0	555	1852	
% Approach	36.0%	53.2%	10.8%	0%	-	0.4%	96.4%	3.0%	0.2%	-	3.1%	22.7%	74.2%	0%	-	60.4%	39.3%	0.4%	0%	-	-	
% Total	7.2%	10.7%	2.2%	0%	20.1%	0.1%	26.3%	0.8%	0.1%	27.3%	0.7%	5.1%	16.8%	0%	22.6%	18.1%	11.8%	0.1%	0%	30.0%	-	
PHF	0.817	0.750	0.714	-	0.861	0.500	0.836	0.375	0.250	0.811	0.650	0.660	0.836	-	0.794	0.710	0.908	0.500	-	0.788	0.924	
Lights and Motorcycles	134	180	40	0	354	2	478	15	1	496	11	91	310	0	412	329	215	2	0	546	1808	
% Lights and Motorcycles	100%	90.9%	100%	0%	95.2%	100%	98.0%	100%	100%	98.0%	84.6%	95.8%	99.7%	0%	98.3%	98.2%	98.6%	100%	0%	98.4%	97.6%	
Heavy	0	18	0	0	18	0	10	0	0	10	2	4	1	0	7	6	3	0	0	9	44	
% Heavy	0%	9.1%	0%	0%	4.8%	0%	2.0%	0%	0%	2.0%	15.4%	4.2%	0.3%	0%	1.7%	1.8%	1.4%	0%	0%	1.6%	2.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & 191ST ST - TMC

Wed Feb 6, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619355, Location: 40.065664, -85.990581, Site Code: i-73



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-02-06																									
4:30PM	65	167	66	0	298	0	83	1	0	84	5	53	41	0	99	41	25	2	0	68	549				
4:45PM	68	151	61	0	280	0	82	5	0	87	2	48	54	0	104	36	29	2	0	67	538				
5:00PM	57	152	55	0	264	2	84	5	0	91	8	46	31	0	85	40	31	0	0	71	511				
5:15PM	60	141	71	0	272	0	87	2	0	89	3	51	41	0	95	40	28	0	0	68	524				
Total	250	611	253	0	1114	2	336	13	0	351	18	198	167	0	383	157	113	4	0	274	2122				
% Approach	22.4%	54.8%	22.7%	0%	-	0.6%	95.7%	3.7%	0%	-	4.7%	51.7%	43.6%	0%	-	57.3%	41.2%	1.5%	0%	-	-				
% Total	11.8%	28.8%	11.9%	0%	52.5%	0.1%	15.8%	0.6%	0%	16.5%	0.8%	9.3%	7.9%	0%	18.0%	7.4%	5.3%	0.2%	0%	12.9%	-				
PHF	0.919	0.915	0.891	-	0.935	0.250	0.966	0.650	-	0.964	0.563	0.934	0.773	-	0.921	0.957	0.911	0.500	-	0.965	0.966				
Lights and Motorcycles	249	594	252	0	1095	2	321	13	0	336	17	197	166	0	380	155	112	4	0	271	2082				
% Lights and Motorcycles	99.6%	97.2%	99.6%	0%	98.3%	100%	95.5%	100%	0%	95.7%	94.4%	99.5%	99.4%	0%	99.2%	98.7%	99.1%	100%	0%	98.9%	98.1%				
Heavy	1	17	1	0	19	0	15	0	0	15	1	1	1	0	3	2	1	0	0	3	40				
% Heavy	0.4%	2.8%	0.4%	0%	1.7%	0%	4.5%	0%	0%	4.3%	5.6%	0.5%	0.6%	0%	0.8%	1.3%	0.9%	0%	0%	1.1%	1.9%				

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & CUMBERLAND RD - TMC

Thu May 9, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 653300, Location: 40.065599, -85.995767, Site Code: i-74



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-09																					
6:30AM	0	2	7	0	9	53	5	0	0	58	0	13	1	0	14	6	16	9	0	31	112
6:45AM	1	4	3	0	8	45	23	1	0	69	1	16	5	0	22	10	29	8	0	47	146
Hourly Total	1	6	10	0	17	98	28	1	0	127	1	29	6	0	36	16	45	17	0	78	258
7:00AM	5	8	11	0	24	41	55	1	0	97	1	26	17	0	44	21	38	14	0	73	238
7:15AM	7	12	14	0	33	55	53	1	0	109	4	35	14	0	53	15	42	12	0	69	264
7:30AM	6	13	18	0	37	63	21	4	0	88	5	43	2	0	50	9	31	10	0	50	225
7:45AM	2	8	5	0	15	73	22	8	0	103	21	40	4	0	65	8	36	14	0	58	241
Hourly Total	20	41	48	0	109	232	151	14	0	397	31	144	37	0	212	53	147	50	0	250	968
8:00AM	2	5	3	0	10	47	20	5	0	72	6	24	4	0	34	6	37	15	0	58	174
8:15AM	7	12	11	0	30	49	26	2	0	77	5	25	8	0	38	10	30	14	0	54	199
8:30AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	9	17	14	0	40	97	46	7	0	150	11	49	12	0	72	16	67	29	0	112	374
3:00PM	2	31	26	0	59	30	26	2	0	58	6	35	3	0	44	6	37	27	0	70	231
3:15PM	2	27	15	0	44	32	22	22	0	76	1	35	4	0	40	9	32	47	0	88	248
3:30PM	8	42	13	0	63	39	17	10	0	66	8	35	3	0	46	5	24	47	0	76	251
3:45PM	7	15	7	0	29	28	13	1	0	42	3	34	5	0	42	7	41	30	0	78	191
Hourly Total	19	115	61	0	195	129	78	35	0	242	18	139	15	0	172	27	134	151	0	312	921
4:00PM	11	30	19	0	60	36	24	5	0	65	3	41	3	0	47	7	45	48	0	100	272
4:15PM	11	25	11	0	47	36	18	2	0	56	1	35	7	0	43	6	39	48	0	93	239
4:30PM	9	48	23	0	80	30	16	4	0	50	4	43	5	0	52	5	36	50	0	91	273
4:45PM	7	23	18	0	48	25	26	4	0	55	5	43	3	0	51	8	39	43	0	90	244
Hourly Total	38	126	71	0	235	127	84	15	0	226	13	162	18	0	193	26	159	189	0	374	1028
5:00PM	6	36	18	0	60	29	15	0	0	44	2	42	3	0	47	13	33	43	0	89	240
5:15PM	7	25	11	0	43	46	16	4	0	66	1	46	7	0	54	9	42	50	0	101	264
5:30PM	7	24	12	1	44	27	17	3	0	47	1	40	2	0	43	9	43	44	0	96	230
5:45PM	5	20	10	0	35	34	23	1	0	58	3	32	6	0	41	7	31	43	0	81	215
Hourly Total	25	105	51	1	182	136	71	8	0	215	7	160	18	0	185	38	149	180	0	367	949
6:00PM	6	41	12	0	59	33	15	1	0	49	2	44	1	0	47	16	37	39	0	92	247
6:15PM	4	18	14	0	36	33	13	4	0	50	0	36	0	0	36	9	54	34	0	97	219
6:30PM	4	21	14	0	39	34	16	1	0	51	0	40	5	0	45	1	37	43	0	81	216
6:45PM	6	32	13	0	51	25	12	2	0	39	1	34	1	0	36	0	30	41	0	71	197
Hourly Total	20	112	53	0	185	125	56	8	0	189	3	154	7	0	164	26	158	157	0	341	879
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	132	522	308	1	963	944	514	88	0	1546	84	837	113	0	1034	202	859	773	0	1834	5377
% Approach	13.7%	54.2%	32.0%	0.1%	-	61.1%	33.2%	5.7%	0%	-	8.1%	80.9%	10.9%	0%	-	11.0%	46.8%	42.1%	0%	-	-
% Total	2.5%	9.7%	5.7%	0%	17.9%	17.6%	9.6%	1.6%	0%	28.8%	1.6%	15.6%	2.1%	0%	19.2%	3.8%	16.0%	14.4%	0%	34.1%	-
Lights and Motorcycles	129	504	292	1	926	921	495	87	0	1503	76	820	112	0	1008	185	832	761	0	1778	5215
% Lights and Motorcycles	97.7%	96.6%	94.8%	100%	96.2%	97.6%	96.3%	98.9%	0%	97.2%	90.5%	98.0%	99.1%	0%	97.5%	91.6%	96.9%	98.4%	0%	96.9%	97.0%
Heavy	3	18	16	0	37	23	19	1	0	43	8	17	1	0	26	17	27	12	0	56	162
% Heavy	2.3%	3.4%	5.2%	0%	3.8%	2.4%	3.7%	1.1%	0%	2.8%	9.5%	2.0%	0.9%	0%	2.5%	8.4%	3.1%	1.6%	0%	3.1%	3.0%

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & CUMBERLAND RD - TMC

Thu May 9, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 653300, Location: 40.065599, -85.995767, Site Code: i-74



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-05-09																									
7:00AM	5	8	11	0	24	41	55	1	0	97	1	26	17	0	44	21	38	14	0	73	238				
7:15AM	7	12	14	0	33	55	53	1	0	109	4	35	14	0	53	15	42	12	0	69	264				
7:30AM	6	13	18	0	37	63	21	4	0	88	5	43	2	0	50	9	31	10	0	50	225				
7:45AM	2	8	5	0	15	73	22	8	0	103	21	40	4	0	65	8	36	14	0	58	241				
Total	20	41	48	0	109	232	151	14	0	397	31	144	37	0	212	53	147	50	0	250	968				
% Approach	18.3%	37.6%	44.0%	0%	-	58.4%	38.0%	3.5%	0%	-	14.6%	67.9%	17.5%	0%	-	21.2%	58.8%	20.0%	0%	-	-				
% Total	2.1%	4.2%	5.0%	0%	11.3%	24.0%	15.6%	1.4%	0%	41.0%	3.2%	14.9%	3.8%	0%	21.9%	5.5%	15.2%	5.2%	0%	25.8%	-				
PHF	0.714	0.788	0.667	-	0.736	0.795	0.686	0.438	-	0.911	0.369	0.837	0.544	-	0.815	0.631	0.875	0.893	-	0.856	0.917				
Lights and Motorcycles	19	38	44	0	101	228	147	13	0	388	31	139	37	0	207	52	141	45	0	238	934				
% Lights and Motorcycles	95.0%	92.7%	91.7%	0%	92.7%	98.3%	97.4%	92.9%	0%	97.7%	100%	96.5%	100%	0%	97.6%	98.1%	95.9%	90.0%	0%	95.2%	96.5%				
Heavy	1	3	4	0	8	4	4	1	0	9	0	5	0	0	5	1	6	5	0	12	34				
% Heavy	5.0%	7.3%	8.3%	0%	7.3%	1.7%	2.6%	7.1%	0%	2.3%	0%	3.5%	0%	0%	2.4%	1.9%	4.1%	10.0%	0%	4.8%	3.5%				

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & CUMBERLAND RD - TMC

Thu May 9, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 653300, Location: 40.065599, -85.995767, Site Code: i-74



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-09																						
4:00PM	11	30	19	0	60	36	24	5	0	65	3	41	3	0	47	7	45	48	0	100	272	
4:15PM	11	25	11	0	47	36	18	2	0	56	1	35	7	0	43	6	39	48	0	93	239	
4:30PM	9	48	23	0	80	30	16	4	0	50	4	43	5	0	52	5	36	50	0	91	273	
4:45PM	7	23	18	0	48	25	26	4	0	55	5	43	3	0	51	8	39	43	0	90	244	
Total	38	126	71	0	235	127	84	15	0	226	13	162	18	0	193	26	159	189	0	374	1028	
% Approach	16.2%	53.6%	30.2%	0%	-	56.2%	37.2%	6.6%	0%	-	6.7%	83.9%	9.3%	0%	-	7.0%	42.5%	50.5%	0%	-	-	
% Total	3.7%	12.3%	6.9%	0%	22.9%	12.4%	8.2%	1.5%	0%	22.0%	1.3%	15.8%	1.8%	0%	18.8%	2.5%	15.5%	18.4%	0%	36.4%	-	
PHF	0.864	0.656	0.772	-	0.734	0.882	0.808	0.750	-	0.869	0.650	0.942	0.643	-	0.928	0.813	0.883	0.945	-	0.935	0.941	
Lights and Motorcycles	38	120	71	0	229	127	84	15	0	226	13	160	18	0	191	25	154	188	0	367	1013	
% Lights and Motorcycles	100%	95.2%	100%	0%	97.4%	100%	100%	100%	0%	100%	100%	98.8%	100%	0%	99.0%	96.2%	96.9%	99.5%	0%	98.1%	98.5%	
Heavy	0	6	0	0	6	0	0	0	0	0	0	2	0	0	2	1	5	1	0	7	15	
% Heavy	0%	4.8%	0%	0%	2.6%	0%	0%	0%	0%	0%	0%	1.2%	0%	0%	1.0%	3.8%	3.1%	0.5%	0%	1.9%	1.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & 10TH ST (ALLISONVILLE RD) - TMC

Thu May 9, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 653299, Location: 40.065804, -86.006553, Site Code: I-75



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-05-09 6:30AM	0	8	8	0	16	1	16	0	0	17	0	0	0	0	0	19	0	0	0	19	52
6:45AM	0	4	11	0	15	1	24	0	0	25	0	0	1	0	1	37	0	0	0	37	78
Hourly Total	0	12	19	0	31	2	40	0	0	42	0	0	1	0	1	56	0	0	0	56	130
7:00AM	0	8	12	0	20	4	25	0	0	29	0	0	0	0	0	45	0	0	0	45	94
7:15AM	0	7	32	0	39	2	36	0	0	38	0	0	0	0	0	60	0	2	0	62	139
7:30AM	0	9	32	0	41	0	30	0	0	30	0	0	0	0	0	43	0	1	0	44	115
7:45AM	0	4	47	0	51	1	43	0	0	44	0	0	0	0	0	50	0	0	0	50	145
Hourly Total	0	28	123	0	151	7	134	0	0	141	0	0	0	0	0	198	0	3	0	201	493
8:00AM	0	11	22	0	33	1	22	0	0	23	0	0	0	0	0	48	0	1	0	49	105
8:15AM	1	10	23	0	34	2	33	0	0	35	0	0	0	0	0	50	0	0	0	50	119
8:30AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	1	21	46	0	68	3	55	0	0	58	0	0	0	0	0	98	0	1	0	99	225
3:00PM	1	34	36	0	71	1	22	0	0	23	0	1	0	0	1	47	0	2	0	49	144
3:15PM	0	18	41	0	59	1	20	0	0	21	0	0	0	0	0	40	0	4	0	44	124
3:30PM	0	36	43	0	79	3	15	0	0	18	0	0	0	0	0	36	0	1	0	37	134
3:45PM	0	28	43	0	71	4	18	0	0	22	0	0	0	0	0	45	0	3	0	48	141
Hourly Total	1	116	163	0	280	9	75	0	0	84	0	1	0	0	1	168	0	10	0	178	543
4:00PM	0	30	42	0	72	5	16	0	0	21	0	0	0	0	0	42	0	2	0	44	137
4:15PM	0	31	42	0	73	0	21	0	0	21	0	0	0	0	0	36	0	2	0	38	132
4:30PM	0	36	49	0	85	0	16	0	0	16	0	0	0	0	0	42	0	4	0	46	147
4:45PM	0	40	48	0	88	2	20	0	0	22	0	0	0	0	0	41	0	0	0	41	151
Hourly Total	0	137	181	0	318	7	73	0	0	80	0	0	0	0	0	161	0	8	0	169	567
5:00PM	0	42	50	0	92	2	11	0	0	13	0	0	0	0	0	31	0	2	0	33	138
5:15PM	0	34	48	0	82	3	17	0	0	20	0	0	0	0	0	34	0	1	0	35	137
5:30PM	0	34	45	0	79	1	22	0	0	23	0	0	0	0	0	35	0	6	0	41	143
5:45PM	0	27	36	0	63	2	22	0	0	24	0	0	0	0	0	36	0	4	0	40	127
Hourly Total	0	137	179	0	316	8	72	0	0	80	0	0	0	0	0	136	0	13	0	149	545
6:00PM	0	26	52	0	78	3	17	0	0	20	0	0	0	0	0	28	0	1	0	29	127
6:15PM	0	27	36	0	63	0	27	0	0	27	0	0	0	0	0	54	0	4	0	58	148
6:30PM	0	25	49	0	74	2	15	0	0	17	0	0	0	0	0	34	0	1	0	35	126
6:45PM	0	34	36	0	70	3	17	0	0	20	0	0	0	0	0	20	0	0	0	20	110
Hourly Total	0	112	173	0	285	8	76	0	0	84	0	0	0	0	0	136	0	6	0	142	511
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	563	884	0	1449	44	525	0	0	569	0	1	1	0	2	953	0	41	0	994	3014
% Approach	0.1%	38.9%	61.0%	0%	-	7.7%	92.3%	0%	0%	-	0%	50.0%	50.0%	0%	-	95.9%	0%	4.1%	0%	-	-
% Total	0.1%	18.7%	29.3%	0%	48.1%	1.5%	17.4%	0%	0%	18.9%	0%	0%	0%	0%	0.1%	31.6%	0%	1.4%	0%	33.0%	-
Lights and Motorcycles	2	536	862	0	1400	38	498	0	0	536	0	1	1	0	2	924	0	39	0	963	2901
% Lights and Motorcycles	100%	95.2%	97.5%	0%	96.6%	86.4%	94.9%	0%	0%	94.2%	0%	100%	100%	0%	100%	97.0%	0%	95.1%	0%	96.9%	96.3%
Heavy	0	27	22	0	49	6	27	0	0	33	0	0	0	0	0	29	0	2	0	31	113
% Heavy	0%	4.8%	2.5%	0%	3.4%	13.6%	5.1%	0%	0%	5.8%	0%	0%	0%	0%	0%	3.0%	0%	4.9%	0%	3.1%	3.7%

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & 10TH ST (ALLISONVILLE RD) - TMC

Thu May 9, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 653299, Location: 40.065804, -86.006553, Site Code: I-75



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-09 7:15AM	0	7	32	0	39	2	36	0	0	38	0	0	0	0	0	60	0	2	0	62	139
7:30AM	0	9	32	0	41	0	30	0	0	30	0	0	0	0	0	43	0	1	0	44	115
7:45AM	0	4	47	0	51	1	43	0	0	44	0	0	0	0	0	50	0	0	0	50	145
8:00AM	0	11	22	0	33	1	22	0	0	23	0	0	0	0	0	48	0	1	0	49	105
Total	0	31	133	0	164	4	131	0	0	135	0	0	0	0	0	201	0	4	0	205	504
% Approach	0%	18.9%	81.1%	0%	-	3.0%	97.0%	0%	0%	-	0%	0%	0%	0%	-	98.0%	0%	2.0%	0%	-	-
% Total	0%	6.2%	26.4%	0%	32.5%	0.8%	26.0%	0%	0%	26.8%	0%	0%	0%	0%	0%	39.9%	0%	0.8%	0%	40.7%	-
PHF	-	0.705	0.707	-	0.804	0.500	0.762	-	-	0.767	-	-	-	-	-	0.838	-	0.500	-	0.827	0.869
Lights and Motorcycles	0	21	126	0	147	3	124	0	0	127	0	0	0	0	0	192	0	3	0	195	469
% Lights and Motorcycles	0%	67.7%	94.7%	0%	89.6%	75.0%	94.7%	0%	0%	94.1%	0%	0%	0%	0%	-	95.5%	0%	75.0%	0%	95.1%	93.1%
Heavy	0	10	7	0	17	1	7	0	0	8	0	0	0	0	0	9	0	1	0	10	35
% Heavy	0%	32.3%	5.3%	0%	10.4%	25.0%	5.3%	0%	0%	5.9%	0%	0%	0%	0%	-	4.5%	0%	25.0%	0%	4.9%	6.9%

* L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & 10TH ST (ALLISONVILLE RD) - TMC

Thu May 9, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 653299, Location: 40.065804, -86.006553, Site Code: I-75



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-09 4:30PM	0	36	49	0	85	0	16	0	0	16	0	0	0	0	0	42	0	4	0	46	147
4:45PM	0	40	48	0	88	2	20	0	0	22	0	0	0	0	0	41	0	0	0	41	151
5:00PM	0	42	50	0	92	2	11	0	0	13	0	0	0	0	0	31	0	2	0	33	138
5:15PM	0	34	48	0	82	3	17	0	0	20	0	0	0	0	0	34	0	1	0	35	137
Total	0	152	195	0	347	7	64	0	0	71	0	0	0	0	0	148	0	7	0	155	573
% Approach	0%	43.8%	56.2%	0%	-	9.9%	90.1%	0%	0%	-	0%	0%	0%	0%	-	95.5%	0%	4.5%	0%	-	-
% Total	0%	26.5%	34.0%	0%	60.6%	1.2%	11.2%	0%	0%	12.4%	0%	0%	0%	0%	0%	25.8%	0%	1.2%	0%	27.1%	-
PHF	-	0.905	0.975	-	0.943	0.583	0.800	-	-	0.807	-	-	-	-	-	0.881	-	0.438	-	0.842	0.949
Lights and Motorcycles	0	151	195	0	346	7	61	0	0	68	0	0	0	0	0	147	0	6	0	153	567
% Lights and Motorcycles	0%	99.3%	100%	0%	99.7%	100%	95.3%	0%	0%	95.8%	0%	0%	0%	0%	-	99.3%	0%	85.7%	0%	98.7%	99.0%
Heavy	0	1	0	0	1	0	3	0	0	3	0	0	0	0	0	1	0	1	0	2	6
% Heavy	0%	0.7%	0%	0%	0.3%	0%	4.7%	0%	0%	4.2%	0%	0%	0%	0%	-	0.7%	0%	14.3%	0%	1.3%	1.0%

* L: Left, R: Right, T: Thru, U: U-Turn

MILL CREEK & SR 38 - TMC

Mon Aug 20, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555444, Location: 40.065798, -86.061818, Site Code: I-76

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-20 3:00PM	0	16	0	16	113	2	0	115	15	92	0	107	238
3:15PM	3	16	0	19	102	2	0	104	9	103	0	112	235
3:30PM	2	10	0	12	106	2	0	108	11	127	0	138	258
3:45PM	1	13	0	14	118	1	0	119	12	102	0	114	247
Hourly Total	6	55	0	61	439	7	0	446	47	424	0	471	978
4:00PM	1	17	0	18	142	2	0	144	9	117	0	126	288
4:15PM	2	8	0	10	138	3	0	141	11	120	0	131	282
4:30PM	1	14	0	15	172	2	0	174	8	137	0	145	334
4:45PM	2	20	0	22	207	4	0	211	20	133	1	154	387
Hourly Total	6	59	0	65	659	11	0	670	48	507	1	556	1291
5:00PM	1	15	0	16	218	3	0	221	13	141	0	154	391
5:15PM	3	22	0	25	236	1	0	237	18	149	0	167	429
5:30PM	2	21	0	23	228	1	0	229	15	101	0	116	368
5:45PM	0	23	0	23	184	2	0	186	15	104	0	119	328
Hourly Total	6	81	0	87	866	7	0	873	61	495	0	556	1516
6:00PM	0	19	0	19	159	2	0	161	13	108	0	121	301
6:15PM	1	18	0	19	136	1	0	137	11	97	0	108	264
6:30PM	0	11	0	11	126	3	0	129	16	93	0	109	249
6:45PM	2	13	0	15	108	1	0	109	8	81	0	89	213
Hourly Total	3	61	0	64	529	7	0	536	48	379	0	427	1027
7:00PM	0	0	0	0	1	0	0	1	0	0	0	0	1
Hourly Total	0	0	0	0	1	0	0	1	0	0	0	0	1
2018-08-21 6:30AM	1	10	0	11	91	1	0	92	3	107	0	110	213
6:45AM	3	30	0	33	121	0	0	121	2	142	0	144	298
Hourly Total	4	40	0	44	212	1	0	213	5	249	0	254	511
7:00AM	0	25	0	25	121	1	0	122	0	150	0	150	297
7:15AM	1	14	0	15	109	0	0	109	4	177	0	181	305
7:30AM	1	11	0	12	123	2	0	125	5	162	0	167	304
7:45AM	2	12	0	14	123	3	0	126	8	153	0	161	301
Hourly Total	4	62	0	66	476	6	0	482	17	642	0	659	1207
8:00AM	1	17	0	18	110	3	0	113	13	115	0	128	259
8:15AM	1	21	0	22	87	2	0	89	7	132	0	139	250
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	2	38	0	40	197	5	0	202	20	247	0	267	509
Total	31	396	0	427	3379	44	0	3423	246	2943	1	3190	7040
% Approach	7.3%	92.7%	0%	-	98.7%	1.3%	0%	-	7.7%	92.3%	0%	-	-
% Total	0.4%	5.6%	0%	6.1%	48.0%	0.6%	0%	48.6%	3.5%	41.8%	0%	45.3%	-
Lights and Motorcycles	30	381	0	411	3285	40	0	3325	241	2841	1	3083	6819
% Lights and Motorcycles	96.8%	96.2%	0%	96.3%	97.2%	90.9%	0%	97.1%	98.0%	96.5%	100%	96.6%	96.9%
Heavy	1	15	0	16	94	4	0	98	5	102	0	107	221
% Heavy	3.2%	3.8%	0%	3.7%	2.8%	9.1%	0%	2.9%	2.0%	3.5%	0%	3.4%	3.1%

*L: Left, R: Right, T: Thru, U: U-Turn

MILL CREEK & SR 38 - TMC

Tue Aug 21, 2018

AM Peak (Aug 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555444, Location: 40.065798, -86.061818, Site Code: I-76

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-21 7:00AM	0	25	0	25	121	1	0	122	0	150	0	150	297
7:15AM	1	14	0	15	109	0	0	109	4	177	0	181	305
7:30AM	1	11	0	12	123	2	0	125	5	162	0	167	304
7:45AM	2	12	0	14	123	3	0	126	8	153	0	161	301
Total	4	62	0	66	476	6	0	482	17	642	0	659	1207
% Approach	6.1%	93.9%	0%	-	98.8%	1.2%	0%	-	2.6%	97.4%	0%	-	-
% Total	0.3%	5.1%	0%	5.5%	39.4%	0.5%	0%	39.9%	1.4%	53.2%	0%	54.6%	-
PHF	0.500	0.620	-	0.660	0.967	0.500	-	0.956	0.531	0.907	-	0.910	0.989
Lights and Motorcycles	4	59	0	63	461	5	0	466	16	621	0	637	1166
% Lights and Motorcycles	100%	95.2%	0%	95.5%	96.8%	83.3%	0%	96.7%	94.1%	96.7%	0%	96.7%	96.6%
Heavy	0	3	0	3	15	1	0	16	1	21	0	22	41
% Heavy	0%	4.8%	0%	4.5%	3.2%	16.7%	0%	3.3%	5.9%	3.3%	0%	3.3%	3.4%

* L: Left, R: Right, T: Thru, U: U-Turn

MILL CREEK & SR 38 - TMC

Mon Aug 20, 2018

PM Peak (Aug 20 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555444, Location: 40.065798, -86.061818, Site Code: I-

76

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-20 4:45PM	2	20	0	22	207	4	0	211	20	133	1	154	387
5:00PM	1	15	0	16	218	3	0	221	13	141	0	154	391
5:15PM	3	22	0	25	236	1	0	237	18	149	0	167	429
5:30PM	2	21	0	23	228	1	0	229	15	101	0	116	368
Total	8	78	0	86	889	9	0	898	66	524	1	591	1575
% Approach	9.3%	90.7%	0%	-	99.0%	1.0%	0%	-	11.2%	88.7%	0.2%	-	-
% Total	0.5%	5.0%	0%	5.5%	56.4%	0.6%	0%	57.0%	4.2%	33.3%	0.1%	37.5%	-
PHF	0.667	0.886	-	0.860	0.942	0.563	-	0.947	0.825	0.879	0.250	0.885	0.918
Lights and Motorcycles	8	78	0	86	874	9	0	883	66	514	1	581	1550
% Lights and Motorcycles	100%	100%	0%	100%	98.3%	100%	0%	98.3%	100%	98.1%	100%	98.3%	98.4%
Heavy	0	0	0	0	15	0	0	15	0	10	0	10	25
% Heavy	0%	0%	0%	0%	1.7%	0%	0%	1.7%	0%	1.9%	0%	1.7%	1.6%

* L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO AND SR38 - TMC

Mon Aug 20, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555441, Location: 40.06987, -86.071348, Site Code: I-77

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-20																					
3:00PM	7	54	33	0	94	26	43	8	0	77	16	53	8	0	77	18	42	28	0	88	336
3:15PM	6	61	35	0	102	19	44	10	0	73	14	44	10	0	68	22	41	32	0	95	338
3:30PM	13	81	30	0	124	15	43	11	0	69	20	60	9	0	89	19	59	48	0	126	408
3:45PM	16	56	37	0	109	17	35	13	0	65	26	60	11	0	97	28	52	30	0	110	381
Hourly Total	42	252	135	0	429	77	165	42	0	284	76	217	38	0	331	87	194	138	0	419	1463
4:00PM	12	76	48	0	136	22	44	13	0	79	24	59	13	0	96	26	55	26	0	107	418
4:15PM	19	84	44	0	147	16	39	7	0	62	25	91	13	0	129	26	56	25	0	107	445
4:30PM	19	104	57	0	180	18	58	15	0	91	26	93	21	0	140	33	61	37	0	131	542
4:45PM	23	104	79	0	206	26	42	15	0	83	38	100	15	0	153	36	66	33	0	135	577
Hourly Total	73	368	228	0	669	82	183	50	0	315	113	343	62	0	518	121	238	121	0	480	1982
5:00PM	21	106	84	0	211	15	56	9	0	80	40	100	24	0	164	31	68	43	0	142	597
5:15PM	22	89	87	0	198	20	58	7	0	85	69	129	17	0	215	35	73	31	0	139	637
5:30PM	20	98	85	0	203	21	56	12	0	89	48	118	26	0	192	19	48	37	0	104	588
5:45PM	7	107	65	0	179	20	55	13	0	88	41	94	15	0	150	27	45	28	0	100	517
Hourly Total	70	400	321	0	791	76	225	41	0	342	198	441	82	0	721	112	234	139	0	485	2339
6:00PM	11	91	50	0	152	22	54	15	0	91	38	89	10	0	137	28	32	32	0	92	472
6:15PM	12	82	47	0	141	25	52	4	0	81	29	65	16	0	110	21	32	41	0	94	426
6:30PM	8	94	60	0	162	24	44	10	0	78	20	46	7	0	73	14	36	41	0	91	404
6:45PM	10	74	27	0	111	29	47	13	0	89	11	41	6	0	58	23	38	28	0	89	347
Hourly Total	41	341	184	0	566	100	197	42	0	339	98	241	39	0	378	86	138	142	0	366	1649
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-21																					
6:30AM	14	5	6	0	25	18	81	36	0	135	0	60	13	0	73	33	58	3	0	94	327
6:45AM	17	18	16	0	51	35	82	48	0	165	4	51	14	0	69	38	82	8	0	128	413
Hourly Total	31	23	22	0	76	53	163	84	0	300	4	111	27	0	142	71	140	11	0	222	740
7:00AM	16	10	20	0	46	42	111	51	0	204	3	37	17	0	57	49	92	6	0	147	454
7:15AM	29	14	15	0	58	31	112	52	0	195	4	56	19	0	79	69	101	10	0	180	512
7:30AM	27	17	20	0	64	39	99	61	0	199	4	64	20	0	88	52	103	12	0	167	518
7:45AM	17	22	20	0	59	35	81	65	0	181	8	70	9	0	87	48	87	13	0	148	475
Hourly Total	89	63	75	0	227	147	403	229	0	779	19	227	65	0	311	218	383	41	0	642	1959
8:00AM	14	18	14	0	46	40	92	49	0	181	7	56	10	0	73	35	78	4	0	117	417
8:15AM	13	20	15	0	48	29	106	45	0	180	5	43	11	0	59	37	94	8	0	139	426
Hourly Total	27	38	29	0	94	69	198	94	0	361	12	99	21	0	132	72	172	12	0	256	843
Total	373	1485	994	0	2852	604	1534	582	0	2720	520	1679	334	0	2533	767	1499	604	0	2870	10975
% Approach	13.1%	52.1%	34.9%	0%	-	22.2%	56.4%	21.4%	0%	-	20.5%	66.3%	13.2%	0%	-	26.7%	52.2%	21.0%	0%	-	-
% Total	3.4%	13.5%	9.1%	0%	26.0%	5.5%	14.0%	5.3%	0%	24.8%	4.7%	15.3%	3.0%	0%	23.1%	7.0%	13.7%	5.5%	0%	26.2%	-
Lights and Motorcycles	369	1472	976	0	2817	581	1510	577	0	2668	518	1624	331	0	2473	754	1440	577	0	2771	10729
% Lights and Motorcycles	98.9%	99.1%	98.2%	0%	98.8%	96.2%	98.4%	99.1%	0%	98.1%	99.6%	96.7%	99.1%	0%	97.6%	98.3%	96.1%	95.5%	0%	96.6%	97.8%
Heavy	4	13	18	0	35	23	24	5	0	52	2	55	3	0	60	13	59	27	0	99	246
% Heavy	1.1%	0.9%	1.8%	0%	1.2%	3.8%	1.6%	0.9%	0%	1.9%	0.4%	3.3%	0.9%	0%	2.4%	1.7%	3.9%	4.5%	0%	3.4%	2.2%

* L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO AND SR38 - TMC

Tue Aug 21, 2018

AM Peak (Aug 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555441, Location: 40.06987, -86.071348, Site Code: I-77

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-21 7:00AM	16	10	20	0	46	42	111	51	0	204	3	37	17	0	57	49	92	6	0	147	454
7:15AM	29	14	15	0	58	31	112	52	0	195	4	56	19	0	79	69	101	10	0	180	512
7:30AM	27	17	20	0	64	39	99	61	0	199	4	64	20	0	88	52	103	12	0	167	518
7:45AM	17	22	20	0	59	35	81	65	0	181	8	70	9	0	87	48	87	13	0	148	475
Total	89	63	75	0	227	147	403	229	0	779	19	227	65	0	311	218	383	41	0	642	1959
% Approach	39.2%	27.8%	33.0%	0%	-	18.9%	51.7%	29.4%	0%	-	6.1%	73.0%	20.9%	0%	-	34.0%	59.7%	6.4%	0%	-	-
% Total	4.5%	3.2%	3.8%	0%	11.6%	7.5%	20.6%	11.7%	0%	39.8%	1.0%	11.6%	3.3%	0%	15.9%	11.1%	19.6%	2.1%	0%	32.8%	-
PHF	0.767	0.716	0.938	-	0.887	0.875	0.900	0.881	-	0.955	0.594	0.811	0.813	-	0.884	0.790	0.930	0.788	-	0.892	0.945
Lights and Motorcycles	88	62	71	0	221	144	398	229	0	771	19	218	64	0	301	217	366	37	0	620	1913
% Lights and Motorcycles	98.9%	98.4%	94.7%	0%	97.4%	98.0%	98.8%	100%	0%	99.0%	100%	96.0%	98.5%	0%	96.8%	99.5%	95.6%	90.2%	0%	96.6%	97.7%
Heavy	1	1	4	0	6	3	5	0	0	8	0	9	1	0	10	1	17	4	0	22	46
% Heavy	1.1%	1.6%	5.3%	0%	2.6%	2.0%	1.2%	0%	0%	1.0%	0%	4.0%	1.5%	0%	3.2%	0.5%	4.4%	9.8%	0%	3.4%	2.3%

*L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO AND SR38 - TMC

Mon Aug 20, 2018

PM Peak (Aug 20 2018 4:45PM - 5:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555441, Location: 40.06987, -86.071348, Site Code: I-77

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-20																					
4:45PM	23	104	79	0	206	26	42	15	0	83	38	100	15	0	153	36	66	33	0	135	577
5:00PM	21	106	84	0	211	15	56	9	0	80	40	100	24	0	164	31	68	43	0	142	597
5:15PM	22	89	87	0	198	20	58	7	0	85	69	129	17	0	215	35	73	31	0	139	637
5:30PM	20	98	85	0	203	21	56	12	0	89	48	118	26	0	192	19	48	37	0	104	588
Total	86	397	335	0	818	82	212	43	0	337	195	447	82	0	724	121	255	144	0	520	2399
% Approach	10.5%	48.5%	41.0%	0%	-	24.3%	62.9%	12.8%	0%	-	26.9%	61.7%	11.3%	0%	-	23.3%	49.0%	27.7%	0%	-	-
% Total	3.6%	16.5%	14.0%	0%	34.1%	3.4%	8.8%	1.8%	0%	14.0%	8.1%	18.6%	3.4%	0%	30.2%	5.0%	10.6%	6.0%	0%	21.7%	-
PHF	0.935	0.936	0.963	-	0.969	0.788	0.914	0.717	-	0.947	0.707	0.866	0.788	-	0.842	0.840	0.873	0.837	-	0.915	0.942
Lights and Motorcycles	86	395	333	0	814	82	209	43	0	334	195	433	81	0	709	121	248	143	0	512	2369
% Lights and Motorcycles	100%	99.5%	99.4%	0%	99.5%	100%	98.6%	100%	0%	99.1%	100%	96.9%	98.8%	0%	97.9%	100%	97.3%	99.3%	0%	98.5%	98.7%
Heavy	0	2	2	0	4	0	3	0	0	3	0	14	1	0	15	0	7	1	0	8	30
% Heavy	0%	0.5%	0.6%	0%	0.5%	0%	1.4%	0%	0%	0.9%	0%	3.1%	1.2%	0%	2.1%	0%	2.7%	0.7%	0%	1.5%	1.3%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(78) 191st Street & Moontown Road
9/12/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	48	43	5	96					42	64	37	143
SOUTHBOUND	6	25	12	43					19	54	11	84
EASTBOUND	5	71	11	87					11	464	32	507
WESTBOUND	17	459	8	484					30	238	3	271

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.86				0.76	
SOUTHBOUND	0.45	0.92			0.75	0.89
EASTBOUND	0.70				0.91	
WESTBOUND	0.83				0.94	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	2.8%	9.1%	3.4%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	0.4%	0.0%	0.4%					0.0%	0.4%	0.0%	0.4%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	32	9	41	25	165	190	231
7:00 AM	TO	8:00 AM	96	43	139	87	484	571	710
8:00 AM	TO	9:00 AM	39	38	77	42	200	242	319
3:00 PM	TO	4:00 PM	74	44	118	222	139	361	479
4:00 PM	TO	5:00 PM	87	66	153	443	205	648	801
5:00 PM	TO	6:00 PM	143	84	227	507	271	778	1005
6:00 PM	TO	7:00 PM	101	56	157	444	200	644	801
TOTAL VOLUME			572	340	912	1770	1664	3434	4346
PERCENTAGE			13.2%	7.8%	21.0%	40.7%	38.3%	79.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(78) 191st Street & Moontown Road
9/12/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	14	0	14	14	0	14	4	0	4	32	0	32
7:00 AM - 8:00 AM	48	0	48	43	0	43	5	0	5	96	0	96
8:00 AM - 9:00 AM	22	0	22	11	0	11	6	0	6	39	0	39
PM TIME PERIOD												
3:00 PM - 4:00 PM	17	0	17	27	1	28	29	0	29	73	1	74
4:00 PM - 5:00 PM	20	0	20	35	0	35	31	1	32	86	1	87
5:00 PM - 6:00 PM	42	0	42	64	0	64	37	0	37	143	0	143
6:00 PM - 7:00 PM	25	0	25	34	0	34	42	0	42	101	0	101
PASSENGER	188 100.0%			228 99.6%			154 99.4%			570 99.7%		
TRUCK	0 0.0%			1 0.4%			1 0.6%			2 0.3%		
BOTH	188 32.9%			229 40.0%			155 27.1%			572 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	6	0	6	3	0	3	9	0	9
7:00 AM - 8:00 AM	6	0	6	25	0	25	12	0	12	43	0	43
8:00 AM - 9:00 AM	3	0	3	24	2	26	9	0	9	36	2	38
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	0	5	34	0	34	5	0	5	44	0	44
4:00 PM - 5:00 PM	13	0	13	46	0	46	7	0	7	66	0	66
5:00 PM - 6:00 PM	19	0	19	54	0	54	11	0	11	84	0	84
6:00 PM - 7:00 PM	7	0	7	41	1	42	7	0	7	55	1	56
PASSENGER	53 100.0%			230 98.7%			54 100.0%			337 99.1%		
TRUCK	0 0.0%			3 1.3%			0 0.0%			3 0.9%		
BOTH	53 15.6%			233 68.5%			54 15.9%			340 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	19	1	20	5	0	5	24	1	25
7:00 AM - 8:00 AM	5	0	5	69	2	71	10	1	11	84	3	87
8:00 AM - 9:00 AM	0	0	0	33	1	34	8	0	8	41	1	42
PM TIME PERIOD												
3:00 PM - 4:00 PM	11	0	11	186	3	189	21	1	22	218	4	222
4:00 PM - 5:00 PM	8	0	8	396	2	398	37	0	37	441	2	443
5:00 PM - 6:00 PM	11	0	11	464	0	464	32	0	32	507	0	507
6:00 PM - 7:00 PM	5	0	5	402	1	403	36	0	36	443	1	444
PASSENGER	40 100.0%			1569 99.4%			149 98.7%			1758 99.3%		
TRUCK	0 0.0%			10 0.6%			2 1.3%			12 0.7%		
BOTH	40 2.3%			1579 89.2%			151 8.5%			1770 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	4	1	5	157	0	157	3	0	3	164	1	165
7:00 AM - 8:00 AM	17	0	17	457	2	459	8	0	8	482	2	484
8:00 AM - 9:00 AM	14	0	14	182	0	182	3	1	4	199	1	200
PM TIME PERIOD												
3:00 PM - 4:00 PM	18	2	20	113	3	116	3	0	3	134	5	139
4:00 PM - 5:00 PM	22	0	22	180	2	182	1	0	1	203	2	205
5:00 PM - 6:00 PM	30	0	30	237	1	238	3	0	3	270	1	271
6:00 PM - 7:00 PM	24	0	24	170	1	171	5	0	5	199	1	200
PASSENGER	129 97.7%			1496 99.4%			26 96.3%			1651 99.2%		
TRUCK	3 2.3%			9 0.6%			1 3.7%			13 0.8%		
BOTH	132 7.9%			1505 90.4%			27 1.6%			1664 100.0%		

191ST ST & LITTLE CHICAGO RD - TMC

Tue May 14, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656324, Location: 40.065156, -86.071414, Site Code: i-79



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-14																					
6:30AM	12	20	1	0	33	0	61	63	0	124	6	0	6	0	12	6	13	1	0	20	189
6:45AM	10	28	1	0	39	4	72	66	0	142	19	0	6	0	25	7	15	5	0	27	233
Hourly Total	22	48	2	0	72	4	133	129	0	266	25	0	12	0	37	13	28	6	0	47	422
7:00AM	12	36	1	0	49	0	79	82	0	161	17	0	6	0	23	15	21	2	0	38	271
7:15AM	13	49	0	0	62	0	95	102	0	197	15	3	7	0	25	9	23	2	0	34	318
7:30AM	14	34	1	0	49	0	102	82	0	184	20	0	13	0	33	13	17	1	0	31	297
7:45AM	16	32	2	0	50	3	99	77	0	179	25	2	11	0	38	6	16	0	0	22	289
Hourly Total	55	151	4	0	210	3	375	343	0	721	77	5	37	0	119	43	77	5	0	125	1175
8:00AM	13	32	0	0	45	1	72	61	0	134	22	1	12	0	35	8	20	3	0	31	245
8:15AM	16	40	1	0	57	1	94	62	0	157	18	4	13	0	35	18	16	2	0	36	285
Hourly Total	29	72	1	0	102	2	166	123	0	291	40	5	25	0	70	26	36	5	0	67	530
3:00PM	5	46	7	0	58	1	54	27	0	82	39	6	9	0	54	6	3	2	0	11	205
3:15PM	6	56	4	0	66	5	56	32	0	93	48	4	6	0	58	6	1	2	0	9	226
3:30PM	9	83	11	0	103	0	61	35	1	97	58	9	5	0	72	7	2	2	0	11	283
3:45PM	5	77	8	0	90	2	67	28	0	97	46	14	5	0	65	4	3	1	0	8	260
Hourly Total	25	262	30	0	317	8	238	122	1	369	191	33	25	0	249	23	9	7	0	39	974
4:00PM	8	85	5	0	98	1	57	32	0	90	66	8	12	0	86	3	4	0	0	7	281
4:15PM	7	101	7	0	115	3	62	34	0	99	69	15	7	0	91	6	3	2	0	11	316
4:30PM	4	90	10	0	104	4	63	33	0	100	81	12	11	0	104	8	6	1	0	15	323
4:45PM	11	101	10	0	122	0	80	40	0	120	70	9	14	0	93	5	4	3	0	12	347
Hourly Total	30	377	32	0	439	8	262	139	0	409	286	44	44	0	374	22	17	6	0	45	1267
5:00PM	12	86	7	0	105	2	79	32	0	113	59	19	12	0	90	8	7	3	0	18	326
5:15PM	12	105	12	0	129	5	94	50	0	149	94	15	22	0	131	11	7	5	0	23	432
5:30PM	12	120	7	0	139	2	75	40	0	117	102	24	19	0	145	2	7	2	0	11	412
5:45PM	13	106	7	0	126	2	65	33	0	100	91	19	19	0	129	3	4	0	0	7	362
Hourly Total	49	417	33	0	499	11	313	155	0	479	346	77	72	0	495	24	25	10	0	59	1532
6:00PM	5	104	9	0	118	6	55	35	0	96	59	16	12	0	87	3	12	4	0	19	320
6:15PM	11	81	3	0	95	3	61	26	0	90	77	6	10	0	93	4	1	2	0	7	285
6:30PM	14	82	6	0	102	0	55	23	0	78	49	17	9	0	75	6	6	3	0	15	270
6:45PM	3	92	4	0	99	3	52	38	0	93	47	4	5	0	56	4	12	3	0	19	267
Hourly Total	33	359	22	0	414	12	223	122	0	357	232	43	36	0	311	17	31	12	0	60	1142
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	243	1686	124	0	2053	48	1710	1133	1	2892	1197	207	251	0	1655	168	223	51	0	442	7042
% Approach	11.8%	82.1%	6.0%	0%	-	1.7%	59.1%	39.2%	0%	-	72.3%	12.5%	15.2%	0%	-	38.0%	50.5%	11.5%	0%	-	-
% Total	3.5%	23.9%	1.8%	0%	29.2%	0.7%	24.3%	16.1%	0%	41.1%	17.0%	2.9%	3.6%	0%	23.5%	2.4%	3.2%	0.7%	0%	6.3%	-
Lights and Motorcycles	227	1657	123	0	2007	47	1665	1111	0	2823	1182	207	228	0	1617	165	222	49	0	436	6883
% Lights and Motorcycles	93.4%	98.3%	99.2%	0%	97.8%	97.9%	97.4%	98.1%	0%	97.6%	98.7%	100%	90.8%	0%	97.7%	98.2%	99.6%	96.1%	0%	98.6%	97.7%
Heavy	16	29	1	0	46	1	45	22	1	69	15	0	23	0	38	3	1	2	0	6	159
% Heavy	6.6%	1.7%	0.8%	0%	2.2%	2.1%	2.6%	1.9%	100%	2.4%	1.3%	0%	9.2%	0%	2.3%	1.8%	0.4%	3.9%	0%	1.4%	2.3%

* L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & LITTLE CHICAGO RD - TMC

Tue May 14, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656324, Location: 40.065156, -86.071414, Site Code: i-79



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-05-14																									
7:00AM	12	36	1	0	49	0	79	82	0	161	17	0	6	0	23	15	21	2	0	38	271				
7:15AM	13	49	0	0	62	0	95	102	0	197	15	3	7	0	25	9	23	2	0	34	318				
7:30AM	14	34	1	0	49	0	102	82	0	184	20	0	13	0	33	13	17	1	0	31	297				
7:45AM	16	32	2	0	50	3	99	77	0	179	25	2	11	0	38	6	16	0	0	22	289				
Total	55	151	4	0	210	3	375	343	0	721	77	5	37	0	119	43	77	5	0	125	1175				
% Approach	26.2%	71.9%	1.9%	0%	-	0.4%	52.0%	47.6%	0%	-	64.7%	4.2%	31.1%	0%	-	34.4%	61.6%	4.0%	0%	-	-				
% Total	4.7%	12.9%	0.3%	0%	17.9%	0.3%	31.9%	29.2%	0%	61.4%	6.6%	0.4%	3.1%	0%	10.1%	3.7%	6.6%	0.4%	0%	10.6%	-				
PHF	0.859	0.770	0.500	-	0.847	0.250	0.919	0.841	-	0.915	0.770	0.417	0.712	-	0.783	0.717	0.837	0.625	-	0.822	0.924				
Lights and Motorcycles	49	143	4	0	196	3	372	341	0	716	74	5	31	0	110	43	77	5	0	125	1147				
% Lights and Motorcycles	89.1%	94.7%	100%	0%	93.3%	100%	99.2%	99.4%	0%	99.3%	96.1%	100%	83.8%	0%	92.4%	100%	100%	100%	0%	100%	97.6%				
Heavy	6	8	0	0	14	0	3	2	0	5	3	0	6	0	9	0	0	0	0	0	28				
% Heavy	10.9%	5.3%	0%	0%	6.7%	0%	0.8%	0.6%	0%	0.7%	3.9%	0%	16.2%	0%	7.6%	0%	0%	0%	0%	0%	2.4%				

*L: Left, R: Right, T: Thru, U: U-Turn

191ST ST & LITTLE CHICAGO RD - TMC

Tue May 14, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656324, Location: 40.065156, -86.071414, Site Code: i-79



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-14																						
5:00PM	12	86	7	0	105	2	79	32	0	113	59	19	12	0	90	8	7	3	0	18	326	
5:15PM	12	105	12	0	129	5	94	50	0	149	94	15	22	0	131	11	7	5	0	23	432	
5:30PM	12	120	7	0	139	2	75	40	0	117	102	24	19	0	145	2	7	2	0	11	412	
5:45PM	13	106	7	0	126	2	65	33	0	100	91	19	19	0	129	3	4	0	0	7	362	
Total	49	417	33	0	499	11	313	155	0	479	346	77	72	0	495	24	25	10	0	59	1532	
% Approach	9.8%	83.6%	6.6%	0%	-	2.3%	65.3%	32.4%	0%	-	69.9%	15.6%	14.5%	0%	-	40.7%	42.4%	16.9%	0%	-	-	
% Total	3.2%	27.2%	2.2%	0%	32.6%	0.7%	20.4%	10.1%	0%	31.3%	22.6%	5.0%	4.7%	0%	32.3%	1.6%	1.6%	0.7%	0%	3.9%	-	
PHF	0.942	0.869	0.688	-	0.897	0.550	0.832	0.775	-	0.804	0.848	0.802	0.818	-	0.853	0.545	0.893	0.500	-	0.641	0.887	
Lights and Motorcycles	48	413	33	0	494	11	307	152	0	470	345	77	69	0	491	23	25	10	0	58	1513	
% Lights and Motorcycles	98.0%	99.0%	100%	0%	99.0%	100%	98.1%	98.1%	0%	98.1%	99.7%	100%	95.8%	0%	99.2%	95.8%	100%	100%	0%	98.3%	98.8%	
Heavy	1	4	0	0	5	0	6	3	0	9	1	0	3	0	4	1	0	0	0	1	19	
% Heavy	2.0%	1.0%	0%	0%	1.0%	0%	1.9%	1.9%	0%	1.9%	0.3%	0%	4.2%	0%	0.8%	4.2%	0%	0%	0%	1.7%	1.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

GRETNA GREEN LN & SR 38 - TMC

Mon Aug 20, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555446, Location: 40.060775, -86.049981, Site Code: I-80

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-20																					
3:00PM	3	1	0	0	4	23	0	7	0	30	12	100	3	0	115	2	102	33	0	137	286
3:15PM	3	0	0	0	3	26	2	11	0	39	11	95	2	0	108	1	104	31	0	136	286
3:30PM	1	0	2	0	3	61	1	28	0	90	15	101	1	0	117	2	111	29	0	142	352
3:45PM	0	1	1	0	2	27	0	7	0	34	9	120	3	0	132	5	102	26	0	133	301
Hourly Total	7	2	3	0	12	137	3	53	0	193	47	416	9	0	472	10	419	119	0	548	1225
4:00PM	2	0	2	0	4	23	0	3	0	26	11	131	6	0	148	3	119	26	0	148	326
4:15PM	0	0	2	0	2	30	0	8	0	38	17	137	2	0	156	4	132	33	0	169	365
4:30PM	2	1	1	0	4	21	0	8	0	29	24	138	5	0	167	3	144	44	0	191	391
4:45PM	2	1	4	0	7	32	3	18	0	53	18	198	7	0	223	6	146	35	0	187	470
Hourly Total	6	2	9	0	17	106	3	37	0	146	70	604	20	0	694	16	541	138	0	695	1552
5:00PM	2	1	4	0	7	32	3	11	0	46	23	173	1	0	197	4	151	47	0	202	452
5:15PM	4	0	0	0	4	42	1	11	0	54	30	219	5	0	254	2	162	52	0	216	528
5:30PM	2	2	1	0	5	38	0	13	0	51	35	207	6	0	248	6	97	36	0	139	443
5:45PM	1	0	3	0	4	36	2	15	0	53	20	181	4	0	205	4	109	38	0	151	413
Hourly Total	9	3	8	0	20	148	6	50	0	204	108	780	16	0	904	16	519	173	0	708	1836
6:00PM	1	0	2	0	3	25	0	7	0	32	19	144	4	0	167	6	116	37	0	159	361
6:15PM	4	0	6	0	10	31	0	7	0	38	25	124	6	0	155	4	105	43	0	152	355
6:30PM	3	2	2	0	7	31	0	15	0	46	17	128	3	0	148	3	90	34	0	127	328
6:45PM	5	0	2	0	7	31	0	9	0	40	22	93	2	0	117	6	77	23	1	107	271
Hourly Total	13	2	12	0	27	118	0	38	0	156	83	489	15	0	587	19	388	137	1	545	1315
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-21																					
6:30AM	7	0	3	0	10	26	1	14	0	41	5	88	0	0	93	0	76	15	0	91	235
6:45AM	4	0	2	0	6	34	0	18	0	52	5	137	0	0	142	2	105	17	0	124	324
Hourly Total	11	0	5	0	16	60	1	32	0	93	10	225	0	0	235	2	181	32	0	215	559
7:00AM	5	0	7	0	12	56	1	25	0	82	9	153	1	0	163	1	111	24	0	136	393
7:15AM	9	0	5	0	14	30	1	23	0	54	8	115	1	0	124	2	127	28	0	157	349
7:30AM	10	1	5	0	16	24	0	24	0	48	5	122	1	0	128	1	136	23	0	160	352
7:45AM	5	0	3	0	8	34	0	18	0	52	5	140	1	0	146	1	112	21	0	134	340
Hourly Total	29	1	20	0	50	144	2	90	0	236	27	530	4	0	561	5	486	96	0	587	1434
8:00AM	4	1	3	0	8	15	0	16	0	31	10	110	2	0	122	2	105	20	1	128	289
8:15AM	5	1	3	0	9	35	0	26	0	61	21	102	3	0	126	1	110	37	0	148	344
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	9	2	6	0	17	50	0	42	0	92	31	212	5	0	248	3	215	57	1	276	633
Total	84	12	63	0	159	763	15	342	0	1120	376	3256	69	0	3701	71	2749	752	2	3574	8554
% Approach	52.8%	7.5%	39.6%	0%	-	68.1%	1.3%	30.5%	0%	-	10.2%	88.0%	1.9%	0%	-	2.0%	76.9%	21.0%	0.1%	-	-
% Total	1.0%	0.1%	0.7%	0%	1.9%	8.9%	0.2%	4.0%	0%	13.1%	4.4%	38.1%	0.8%	0%	43.3%	0.8%	32.1%	8.8%	0%	41.8%	-
Lights and Motorcycles																					
	81	12	62	0	155	751	14	332	0	1097	373	3156	65	0	3594	70	2645	742	2	3459	8305
% Lights and Motorcycles	96.4%	100%	98.4%	0%	97.5%	98.4%	93.3%	97.1%	0%	97.9%	99.2%	96.9%	94.2%	0%	97.1%	98.6%	96.2%	98.7%	100%	96.8%	97.1%
Heavy	3	0	1	0	4	12	1	10	0	23	3	100	4	0	107	1	104	10	0	115	249
% Heavy	3.6%	0%	1.6%	0%	2.5%	1.6%	6.7%	2.9%	0%	2.1%	0.8%	3.1%	5.8%	0%	2.9%	1.4%	3.8%	1.3%	0%	3.2%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

GRETNA GREEN LN & SR 38 - TMC

Tue Aug 21, 2018

AM Peak (Aug 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555446, Location: 40.060775, -86.049981, Site Code: I-80

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-08-21																						
7:00AM	5	0	7	0	12	56	1	25	0	82	9	153	1	0	163	1	111	24	0	136	393	
7:15AM	9	0	5	0	14	30	1	23	0	54	8	115	1	0	124	2	127	28	0	157	349	
7:30AM	10	1	5	0	16	24	0	24	0	48	5	122	1	0	128	1	136	23	0	160	352	
7:45AM	5	0	3	0	8	34	0	18	0	52	5	140	1	0	146	1	112	21	0	134	340	
Total	29	1	20	0	50	144	2	90	0	236	27	530	4	0	561	5	486	96	0	587	1434	
% Approach	58.0%	2.0%	40.0%	0%	-	61.0%	0.8%	38.1%	0%	-	4.8%	94.5%	0.7%	0%	-	0.9%	82.8%	16.4%	0%	-	-	
% Total	2.0%	0.1%	1.4%	0%	3.5%	10.0%	0.1%	6.3%	0%	16.5%	1.9%	37.0%	0.3%	0%	39.1%	0.3%	33.9%	6.7%	0%	40.9%	-	
PHF	0.725	0.250	0.714	-	0.781	0.643	0.500	0.900	-	0.720	0.750	0.866	1.000	-	0.860	0.625	0.893	0.857	-	0.917	0.912	
Lights and Motorcycles	29	1	20	0	50	140	2	90	0	232	27	511	3	0	541	5	462	94	0	561	1384	
% Lights and Motorcycles	100%	100%	100%	0%	100%	97.2%	100%	100%	0%	98.3%	100%	96.4%	75.0%	0%	96.4%	100%	95.1%	97.9%	0%	95.6%	96.5%	
Heavy	0	0	0	0	0	4	0	0	0	4	0	19	1	0	20	0	24	2	0	26	50	
% Heavy	0%	0%	0%	0%	0%	2.8%	0%	0%	0%	1.7%	0%	3.6%	25.0%	0%	3.6%	0%	4.9%	2.1%	0%	4.4%	3.5%	

* L: Left, R: Right, T: Thru, U: U-Turn

GRETNA GREEN LN & SR 38 - TMC

Mon Aug 20, 2018

PM Peak (Aug 20 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555446, Location: 40.060775, -86.049981, Site Code: I-80

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-08-20 4:45PM	2	1	4	0	7	32	3	18	0	53	18	198	7	0	223	6	146	35	0	187	470
5:00PM	2	1	4	0	7	32	3	11	0	46	23	173	1	0	197	4	151	47	0	202	452
5:15PM	4	0	0	0	4	42	1	11	0	54	30	219	5	0	254	2	162	52	0	216	528
5:30PM	2	2	1	0	5	38	0	13	0	51	35	207	6	0	248	6	97	36	0	139	443
Total	10	4	9	0	23	144	7	53	0	204	106	797	19	0	922	18	556	170	0	744	1893
% Approach	43.5%	17.4%	39.1%	0%	-	70.6%	3.4%	26.0%	0%	-	11.5%	86.4%	2.1%	0%	-	2.4%	74.7%	22.8%	0%	-	-
% Total	0.5%	0.2%	0.5%	0%	1.2%	7.6%	0.4%	2.8%	0%	10.8%	5.6%	42.1%	1.0%	0%	48.7%	1.0%	29.4%	9.0%	0%	39.3%	-
PHF	0.625	0.500	0.563	-	0.821	0.857	0.583	0.736	-	0.944	0.757	0.910	0.679	-	0.907	0.750	0.858	0.817	-	0.861	0.896
Lights and Motorcycles	10	4	9	0	23	144	7	52	0	203	106	780	19	0	905	18	548	170	0	736	1867
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	98.1%	0%	99.5%	100%	97.9%	100%	0%	98.2%	100%	98.6%	100%	0%	98.9%	98.6%
Heavy	0	0	0	0	0	0	0	1	0	1	0	17	0	0	17	0	8	0	0	8	26
% Heavy	0%	0%	0%	0%	0%	0%	0%	1.9%	0%	0.5%	0%	2.1%	0%	0%	1.8%	0%	1.4%	0%	0%	1.1%	1.4%

*L: Left, R: Right, T: Thru, U: U-Turn

OAKMONT DR & SR 38 - TMC

Mon Aug 20, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555456, Location: 40.05942, -86.046714, Site Code: I-81

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-20																					
3:00PM	2	0	7	0	9	7	0	3	0	10	3	123	3	0	129	9	133	8	1	151	299
3:15PM	2	1	6	0	9	7	0	4	0	11	11	108	1	0	120	2	144	12	0	158	298
3:30PM	0	1	4	0	5	3	0	5	0	8	12	168	2	0	182	8	130	15	0	153	348
3:45PM	1	1	5	0	7	7	0	4	0	11	3	142	9	0	154	9	143	13	0	165	337
Hourly Total	5	3	22	0	30	24	0	16	0	40	29	541	15	0	585	28	550	48	1	627	1282
4:00PM	2	0	6	0	8	8	0	4	0	12	8	150	3	0	161	9	151	12	0	172	353
4:15PM	2	0	6	0	8	12	0	6	0	18	7	163	2	0	172	6	168	13	0	187	385
4:30PM	1	0	15	0	16	11	0	11	0	22	9	171	7	0	187	9	167	16	0	192	417
4:45PM	3	0	9	0	12	11	0	12	0	23	5	228	3	0	236	4	188	11	0	203	474
Hourly Total	8	0	36	0	44	42	0	33	0	75	29	712	15	0	756	28	674	52	0	754	1629
5:00PM	0	0	9	0	9	7	2	3	0	12	18	192	5	0	215	7	202	21	0	230	466
5:15PM	2	0	7	0	9	7	0	10	0	17	15	243	5	0	263	10	203	14	0	227	516
5:30PM	0	0	8	0	8	8	0	4	0	12	12	213	12	0	237	8	147	21	0	176	433
5:45PM	5	1	5	0	11	5	0	7	0	12	12	178	5	0	195	3	144	17	0	164	382
Hourly Total	7	1	29	0	37	27	2	24	0	53	57	826	27	0	910	28	696	73	0	797	1797
6:00PM	4	0	6	0	10	11	0	7	0	18	5	172	12	0	189	6	159	15	0	180	397
6:15PM	1	0	7	0	8	6	0	6	0	12	13	145	7	0	165	7	134	15	0	156	341
6:30PM	2	1	4	0	7	10	1	4	0	15	14	144	2	0	160	7	124	9	0	140	322
6:45PM	6	0	9	0	15	8	0	3	0	11	5	116	4	0	125	4	109	17	0	130	281
Hourly Total	13	1	26	0	40	35	1	20	0	56	37	577	25	0	639	24	526	56	0	606	1341
2018-08-21																					
6:30AM	2	0	3	0	5	10	0	9	0	19	0	131	0	0	131	0	79	4	0	83	238
6:45AM	0	0	15	0	15	19	0	17	0	36	4	173	0	0	177	1	123	5	0	129	357
Hourly Total	2	0	18	0	20	29	0	26	0	55	4	304	0	0	308	1	202	9	0	212	595
7:00AM	1	1	36	0	38	23	0	21	0	44	0	214	1	0	215	4	118	3	0	125	422
7:15AM	3	0	15	0	18	15	0	11	0	26	1	157	1	0	159	6	146	4	0	156	359
7:30AM	4	0	14	0	18	12	0	6	0	18	1	159	2	0	162	6	145	1	0	152	350
7:45AM	5	0	4	0	9	8	0	13	0	21	1	176	1	0	178	2	136	2	0	140	348
Hourly Total	13	1	69	0	83	58	0	51	0	109	3	706	5	0	714	18	545	10	0	573	1479
8:00AM	0	1	7	0	8	8	0	11	0	19	2	120	4	0	126	2	111	1	0	114	267
8:15AM	2	0	9	0	11	10	0	18	0	28	6	129	0	0	135	3	132	3	0	138	312
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	2	1	16	0	19	18	0	29	0	47	8	249	4	0	261	5	243	4	0	252	579
Total	50	7	216	0	273	233	3	199	0	435	167	3915	91	0	4173	132	3436	252	1	3821	8702
% Approach	18.3%	2.6%	79.1%	0%	-	53.6%	0.7%	45.7%	0%	-	4.0%	93.8%	2.2%	0%	-	3.5%	89.9%	6.6%	0%	-	-
% Total	0.6%	0.1%	2.5%	0%	3.1%	2.7%	0%	2.3%	0%	5.0%	1.9%	45.0%	1.0%	0%	48.0%	1.5%	39.5%	2.9%	0%	43.9%	-
Lights and Motorcycles	50	7	211	0	268	225	3	193	0	421	164	3805	89	0	4058	129	3322	243	1	3695	8442
% Lights and Motorcycles	100%	100%	97.7%	0%	98.2%	96.6%	100%	97.0%	0%	96.8%	98.2%	97.2%	97.8%	0%	97.2%	97.7%	96.7%	96.4%	100%	96.7%	97.0%
Heavy	0	0	5	0	5	8	0	6	0	14	3	110	2	0	115	3	114	9	0	126	260
% Heavy	0%	0%	2.3%	0%	1.8%	3.4%	0%	3.0%	0%	3.2%	1.8%	2.8%	2.2%	0%	2.8%	2.3%	3.3%	3.6%	0%	3.3%	3.0%

* L: Left, R: Right, T: Thru, U: U-Turn

OAKMONT DR & SR 38 - TMC

Tue Aug 21, 2018

AM Peak (Aug 21 2018 6:45AM - 7:45AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555456, Location: 40.05942, -86.046714, Site Code: I-81

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-21 6:45AM	0	0	15	0	15	19	0	17	0	36	4	173	0	0	177	1	123	5	0	129	357
7:00AM	1	1	36	0	38	23	0	21	0	44	0	214	1	0	215	4	118	3	0	125	422
7:15AM	3	0	15	0	18	15	0	11	0	26	1	157	1	0	159	6	146	4	0	156	359
7:30AM	4	0	14	0	18	12	0	6	0	18	1	159	2	0	162	6	145	1	0	152	350
Total	8	1	80	0	89	69	0	55	0	124	6	703	4	0	713	17	532	13	0	562	1488
% Approach	9.0%	1.1%	89.9%	0%	-	55.6%	0%	44.4%	0%	-	0.8%	98.6%	0.6%	0%	-	3.0%	94.7%	2.3%	0%	-	-
% Total	0.5%	0.1%	5.4%	0%	6.0%	4.6%	0%	3.7%	0%	8.3%	0.4%	47.2%	0.3%	0%	47.9%	1.1%	35.8%	0.9%	0%	37.8%	-
PHF	0.500	0.250	0.556	-	0.586	0.750	-	0.655	-	0.705	0.375	0.821	0.500	-	0.829	0.708	0.911	0.650	-	0.901	0.882
Lights and Motorcycles	8	1	77	0	86	66	0	53	0	119	6	683	4	0	693	16	510	6	0	532	1430
% Lights and Motorcycles	100%	100%	96.3%	0%	96.6%	95.7%	0%	96.4%	0%	96.0%	100%	97.2%	100%	0%	97.2%	94.1%	95.9%	46.2%	0%	94.7%	96.1%
Heavy	0	0	3	0	3	3	0	2	0	5	0	20	0	0	20	1	22	7	0	30	58
% Heavy	0%	0%	3.8%	0%	3.4%	4.3%	0%	3.6%	0%	4.0%	0%	2.8%	0%	0%	2.8%	5.9%	4.1%	53.8%	0%	5.3%	3.9%

*L: Left, R: Right, T: Thru, U: U-Turn

OAKMONT DR & SR38 - TMC

Mon Aug 20, 2018

PM Peak (Aug 20 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555456, Location: 40.05942, -86.046714, Site Code: I-81

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-08-20 4:45PM	3	0	9	0	12	11	0	12	0	23	5	228	3	0	236	4	188	11	0	203	474
5:00PM	0	0	9	0	9	7	2	3	0	12	18	192	5	0	215	7	202	21	0	230	466
5:15PM	2	0	7	0	9	7	0	10	0	17	15	243	5	0	263	10	203	14	0	227	516
5:30PM	0	0	8	0	8	8	0	4	0	12	12	213	12	0	237	8	147	21	0	176	433
Total	5	0	33	0	38	33	2	29	0	64	50	876	25	0	951	29	740	67	0	836	1889
% Approach	13.2%	0%	86.8%	0%	-	51.6%	3.1%	45.3%	0%	-	5.3%	92.1%	2.6%	0%	-	3.5%	88.5%	8.0%	0%	-	-
% Total	0.3%	0%	1.7%	0%	2.0%	1.7%	0.1%	1.5%	0%	3.4%	2.6%	46.4%	1.3%	0%	50.3%	1.5%	39.2%	3.5%	0%	44.3%	-
PHF	0.417	-	0.917	-	0.792	0.750	0.250	0.604	-	0.696	0.694	0.901	0.521	-	0.904	0.725	0.911	0.798	-	0.909	0.915
Lights and Motorcycles	5	0	33	0	38	32	2	29	0	63	50	860	25	0	935	29	732	67	0	828	1864
% Lights and Motorcycles	100%	0%	100%	0%	100%	97.0%	100%	100%	0%	98.4%	100%	98.2%	100%	0%	98.3%	100%	98.9%	100%	0%	99.0%	98.7%
Heavy	0	0	0	0	0	1	0	0	0	1	0	16	0	0	16	0	8	0	0	8	25
% Heavy	0%	0%	0%	0%	0%	3.0%	0%	0%	0%	1.6%	0%	1.8%	0%	0%	1.7%	0%	1.1%	0%	0%	1.0%	1.3%

*L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & LAKEVIEW DR - TMC

Thu Apr 25, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647301, Location: 40.05897, -86.034835, Site Code: i-82



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-25																						
6:30AM	1	35	3	0	39	5	99	0	0	104	0	0	3	0	3	14	0	2	0	16	162	
6:45AM	2	50	2	0	54	11	91	0	1	103	0	0	7	0	7	17	1	9	0	27	191	
Hourly Total	3	85	5	0	93	16	190	0	1	207	0	0	10	0	10	31	1	11	0	43	353	
7:00AM	1	91	1	0	93	6	118	0	0	124	0	0	7	0	7	20	0	9	0	29	253	
7:15AM	0	128	3	0	131	13	175	1	0	189	0	0	11	0	11	16	0	9	0	25	356	
7:30AM	4	36	10	0	50	12	145	1	0	158	0	1	5	0	6	13	0	3	0	16	230	
7:45AM	2	51	11	0	64	14	124	0	0	138	0	1	4	0	5	24	0	3	0	27	234	
Hourly Total	7	306	25	0	338	45	562	2	0	609	0	2	27	0	29	73	0	24	0	97	1073	
8:00AM	1	34	12	0	47	21	101	0	1	123	0	0	6	0	6	24	0	12	0	36	212	
8:15AM	1	43	2	0	46	11	109	0	0	120	0	0	11	0	11	18	1	11	0	30	207	
Hourly Total	2	77	14	0	93	32	210	0	1	243	0	0	17	0	17	42	1	23	0	66	419	
3:00PM	0	65	11	0	76	12	74	0	0	86	0	1	3	0	4	9	2	21	0	32	198	
3:15PM	6	78	12	0	96	10	70	0	0	80	0	0	2	0	2	9	0	8	0	17	195	
3:30PM	7	89	15	0	111	11	66	0	0	77	0	1	6	0	7	9	2	14	0	25	220	
3:45PM	6	103	11	0	120	8	73	0	0	81	1	3	2	0	6	9	1	13	0	23	230	
Hourly Total	19	335	49	0	403	41	283	0	0	324	1	5	13	0	19	36	5	56	0	97	843	
4:00PM	3	119	8	0	130	6	84	0	0	90	0	0	5	0	5	6	1	14	0	21	246	
4:15PM	10	88	12	1	111	5	72	1	0	78	1	2	4	0	7	5	1	18	0	24	220	
4:30PM	7	127	16	0	150	18	72	0	0	90	0	1	3	0	4	3	1	27	0	31	275	
4:45PM	3	125	14	0	142	13	77	0	0	90	0	0	1	0	1	5	1	21	0	27	260	
Hourly Total	23	459	50	1	533	42	305	1	0	348	1	3	13	0	17	19	4	80	0	103	1001	
5:00PM	7	109	20	0	136	10	75	0	0	85	1	3	5	0	9	7	1	26	0	34	264	
5:15PM	7	139	22	0	168	8	79	0	0	87	0	0	3	0	3	7	2	19	0	28	286	
5:30PM	7	132	13	0	152	9	69	1	0	79	2	0	2	0	4	6	3	15	0	24	259	
5:45PM	9	130	18	0	157	11	63	1	0	75	0	2	6	0	8	6	0	12	1	19	259	
Hourly Total	30	510	73	0	613	38	286	2	0	326	3	5	16	0	24	26	6	72	1	105	1068	
6:00PM	3	97	9	0	109	11	43	0	0	54	0	0	1	0	1	9	2	11	0	22	186	
6:15PM	8	85	15	0	108	10	53	0	0	63	0	1	4	0	5	8	1	12	0	21	197	
6:30PM	5	68	16	0	89	19	37	0	0	56	1	0	2	0	3	7	0	13	0	20	168	
6:45PM	6	87	15	0	108	3	43	0	0	46	0	1	2	0	3	4	0	12	0	16	173	
Hourly Total	22	337	55	0	414	43	176	0	0	219	1	2	9	0	12	28	3	48	0	79	724	
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	106	2109	271	1	2487	257	2012	5	2	2276	6	17	105	0	128	255	20	314	1	590	5481	
% Approach	4.3%	84.8%	10.9%	0%	-	11.3%	88.4%	0.2%	0.1%	-	4.7%	13.3%	82.0%	0%	-	43.2%	3.4%	53.2%	0.2%	-	-	
% Total	1.9%	38.5%	4.9%	0%	45.4%	4.7%	36.7%	0.1%	0%	41.5%	0.1%	0.3%	1.9%	0%	2.3%	4.7%	0.4%	5.7%	0%	10.8%	-	
Lights and Motorcycles	103	2017	266	1	2387	250	1915	4	2	2171	5	16	101	0	122	251	20	306	1	578	5258	
% Lights and Motorcycles	97.2%	95.6%	98.2%	100%	96.0%	97.3%	95.2%	80.0%	100%	95.4%	83.3%	94.1%	96.2%	0%	95.3%	98.4%	100%	97.5%	100%	98.0%	95.9%	
Heavy	3	92	5	0	100	7	97	1	0	105	1	1	4	0	6	4	0	8	0	12	223	
% Heavy	2.8%	4.4%	1.8%	0%	4.0%	2.7%	4.8%	20.0%	0%	4.6%	16.7%	5.9%	3.8%	0%	4.7%	1.6%	0%	2.5%	0%	2.0%	4.1%	

*L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & LAKEVIEW DR - TMC

Thu Apr 25, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647301, Location: 40.05897, -86.034835, Site Code: i-82



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-25 7:00AM	1	91	1	0	93	6	118	0	0	124	0	0	7	0	7	20	0	9	0	29	253
7:15AM	0	128	3	0	131	13	175	1	0	189	0	0	11	0	11	16	0	9	0	25	356
7:30AM	4	36	10	0	50	12	145	1	0	158	0	1	5	0	6	13	0	3	0	16	230
7:45AM	2	51	11	0	64	14	124	0	0	138	0	1	4	0	5	24	0	3	0	27	234
Total	7	306	25	0	338	45	562	2	0	609	0	2	27	0	29	73	0	24	0	97	1073
% Approach	2.1%	90.5%	7.4%	0%	-	7.4%	92.3%	0.3%	0%	-	0%	6.9%	93.1%	0%	-	75.3%	0%	24.7%	0%	-	-
% Total	0.7%	28.5%	2.3%	0%	31.5%	4.2%	52.4%	0.2%	0%	56.8%	0%	0.2%	2.5%	0%	2.7%	6.8%	0%	2.2%	0%	9.0%	-
PHF	0.438	0.598	0.568	-	0.645	0.804	0.803	0.500	-	0.806	-0.500	0.614	-	0.659	0.760	-	0.667	-	0.836	0.754	
Lights and Motorcycles	7	280	25	0	312	44	534	2	0	580	0	2	26	0	28	72	0	23	0	95	1015
% Lights and Motorcycles	100%	91.5%	100%	0%	92.3%	97.8%	95.0%	100%	0%	95.2%	0%	100%	96.3%	0%	96.6%	98.6%	0%	95.8%	0%	97.9%	94.6%
Heavy	0	26	0	0	26	1	28	0	0	29	0	0	1	0	1	1	0	1	0	2	58
% Heavy	0%	8.5%	0%	0%	7.7%	2.2%	5.0%	0%	0%	4.8%	0%	0%	3.7%	0%	3.4%	1.4%	0%	4.2%	0%	2.1%	5.4%

*L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & LAKEVIEW DR - TMC

Thu Apr 25, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647301, Location: 40.05897, -86.034835, Site Code: i-82



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-25																						
4:30PM	7	127	16	0	150	18	72	0	0	90	0	1	3	0	4	3	1	27	0	31	275	
4:45PM	3	125	14	0	142	13	77	0	0	90	0	0	1	0	1	5	1	21	0	27	260	
5:00PM	7	109	20	0	136	10	75	0	0	85	1	3	5	0	9	7	1	26	0	34	264	
5:15PM	7	139	22	0	168	8	79	0	0	87	0	0	3	0	3	7	2	19	0	28	286	
Total	24	500	72	0	596	49	303	0	0	352	1	4	12	0	17	22	5	93	0	120	1085	
% Approach	4.0%	83.9%	12.1%	0%	-	13.9%	86.1%	0%	0%	-	5.9%	23.5%	70.6%	0%	-	18.3%	4.2%	77.5%	0%	-	-	
% Total	2.2%	46.1%	6.6%	0%	54.9%	4.5%	27.9%	0%	0%	32.4%	0.1%	0.4%	1.1%	0%	1.6%	2.0%	0.5%	8.6%	0%	11.1%	-	
PHF	0.857	0.899	0.818	-	0.887	0.681	0.959	-	-	0.978	0.250	0.333	0.600	-	0.472	0.786	0.625	0.861	-	0.882	0.948	
Lights and Motorcycles	23	493	71	0	587	49	294	0	0	343	1	4	12	0	17	22	5	93	0	120	1067	
% Lights and Motorcycles	95.8%	98.6%	98.6%	0%	98.5%	100%	97.0%	0%	0%	97.4%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	98.3%	
Heavy	1	7	1	0	9	0	9	0	0	9	0	0	0	0	0	0	0	0	0	0	18	
% Heavy	4.2%	1.4%	1.4%	0%	1.5%	0%	3.0%	0%	0%	2.6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.7%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 19 (CICERO RD) & FIELD DR - TMC

Tue Feb 5, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619349, Location: 40.058939, -86.016613, Site Code: i-83



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-05																						
6:30AM	0	14	23	0	37	41	52	0	0	93	0	0	0	0	0	36	3	16	0	55	185	
6:45AM	1	18	40	0	59	64	82	2	0	148	0	0	2	0	2	48	0	18	0	66	275	
Hourly Total	1	32	63	0	96	105	134	2	0	241	0	0	2	0	2	84	3	34	0	121	460	
7:00AM	0	26	87	0	113	125	56	0	0	181	0	0	0	0	0	64	0	26	0	90	384	
7:15AM	0	20	55	0	75	82	91	1	0	174	0	0	0	0	0	98	1	41	0	140	389	
7:30AM	0	15	28	0	43	56	102	0	0	158	0	0	0	0	0	71	1	26	0	98	299	
7:45AM	0	17	36	0	53	51	117	0	0	168	0	0	0	0	0	93	3	17	0	113	334	
Hourly Total	0	78	206	0	284	314	366	1	0	681	0	0	0	0	0	326	5	110	0	441	1406	
8:00AM	0	20	24	0	44	45	61	0	0	106	0	0	1	0	1	68	2	18	0	88	239	
8:15AM	0	23	23	0	46	40	58	0	0	98	0	1	0	0	1	65	2	21	0	88	233	
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	0	43	47	0	90	85	119	0	0	204	0	1	1	0	2	133	4	39	0	176	472	
3:00PM	0	64	34	0	98	46	50	1	0	97	1	2	0	0	3	58	4	38	0	100	298	
3:15PM	0	53	48	0	101	40	61	0	0	101	1	1	2	0	4	50	1	51	0	102	308	
3:30PM	1	60	42	0	103	27	44	0	0	71	0	1	1	0	2	65	1	54	0	120	296	
3:45PM	1	62	38	0	101	40	52	1	0	93	0	3	1	0	4	39	0	73	0	112	310	
Hourly Total	2	239	162	0	403	153	207	2	0	362	2	7	4	0	13	212	6	216	0	434	1212	
4:00PM	0	61	46	0	107	53	43	4	0	100	3	3	0	0	6	43	0	80	0	123	336	
4:15PM	0	60	60	0	120	58	42	0	0	100	0	2	1	0	3	47	3	59	0	109	332	
4:30PM	0	55	46	0	101	47	36	0	0	83	2	1	0	0	3	58	1	80	0	139	326	
4:45PM	0	59	57	0	116	43	34	2	0	79	0	0	1	0	1	43	1	84	0	128	324	
Hourly Total	0	235	209	0	444	201	155	6	0	362	5	6	2	0	13	191	5	303	0	499	1318	
5:00PM	0	67	67	0	134	53	39	2	0	94	3	2	0	0	5	52	0	99	0	151	384	
5:15PM	1	61	57	0	119	87	54	1	0	142	0	1	2	0	3	48	3	52	0	103	367	
5:30PM	3	65	64	0	132	44	36	0	0	80	1	0	1	0	2	40	0	66	0	106	320	
5:45PM	0	70	56	0	126	57	24	0	0	81	1	0	0	0	1	35	0	47	0	82	290	
Hourly Total	4	263	244	0	511	241	153	3	0	397	5	3	3	0	11	175	3	264	0	442	1361	
6:00PM	0	54	55	0	109	44	28	0	0	72	0	0	0	0	0	42	1	55	0	98	279	
6:15PM	2	58	53	0	113	47	31	0	0	78	0	0	0	0	0	38	2	46	0	86	277	
6:30PM	2	41	68	0	111	33	21	2	0	56	4	1	1	0	6	49	3	61	0	113	286	
6:45PM	1	34	44	0	79	37	30	1	0	68	1	5	3	0	9	22	1	62	0	85	241	
Hourly Total	5	187	220	0	412	161	110	3	0	274	5	6	4	0	15	151	7	224	0	382	1083	
Total	12	1077	1151	0	2240	1260	1244	17	0	2521	17	23	16	0	56	1272	33	1190	0	2495	7312	
% Approach	0.5%	48.1%	51.4%	0%	-	50.0%	49.3%	0.7%	0%	-	30.4%	41.1%	28.6%	0%	-	51.0%	1.3%	47.7%	0%	-	-	
% Total	0.2%	14.7%	15.7%	0%	30.6%	17.2%	17.0%	0.2%	0%	34.5%	0.2%	0.3%	0.2%	0%	0.8%	17.4%	0.5%	16.3%	0%	34.1%	-	
Lights and Motorcycles	12	1059	1123	0	2194	1218	1238	15	0	2471	16	23	15	0	54	1247	33	1113	0	2393	7112	
% Lights and Motorcycles	100%	98.3%	97.6%	0%	97.9%	96.7%	99.5%	88.2%	0%	98.0%	94.1%	100%	93.8%	0%	96.4%	98.0%	100%	93.5%	0%	95.9%	97.3%	
Heavy	0	18	28	0	46	42	6	2	0	50	1	0	1	0	2	25	0	77	0	102	200	
% Heavy	0%	1.7%	2.4%	0%	2.1%	3.3%	0.5%	11.8%	0%	2.0%	5.9%	0%	6.3%	0%	3.6%	2.0%	0%	6.5%	0%	4.1%	2.7%	

* L: Left, R: Right, T: Thru, U: U-Turn

SR 19 (CICERO RD) & FIELD DR - TMC

Tue Feb 5, 2019

AM Peak (7 AM - 8 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619349, Location: 40.058939, -86.016613, Site Code: i-83



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-05 7:00AM	0	26	87	0	113	125	56	0	0	181	0	0	0	0	0	64	0	26	0	90	384
7:15AM	0	20	55	0	75	82	91	1	0	174	0	0	0	0	0	98	1	41	0	140	389
7:30AM	0	15	28	0	43	56	102	0	0	158	0	0	0	0	0	71	1	26	0	98	299
7:45AM	0	17	36	0	53	51	117	0	0	168	0	0	0	0	0	93	3	17	0	113	334
Total	0	78	206	0	284	314	366	1	0	681	0	0	0	0	0	326	5	110	0	441	1406
% Approach	0%	27.5%	72.5%	0%	-	46.1%	53.7%	0.1%	0%	-	0%	0%	0%	0%	-	73.9%	1.1%	24.9%	0%	-	-
% Total	0%	5.5%	14.7%	0%	20.2%	22.3%	26.0%	0.1%	0%	48.4%	0%	0%	0%	0%	0%	23.2%	0.4%	7.8%	0%	31.4%	-
PHF	-	0.750	0.592	-	0.628	0.628	0.782	0.250	-	0.941	-	-	-	-	-	0.832	0.417	0.671	-	0.788	0.904
Lights and Motorcycles	0	75	188	0	263	303	366	1	0	670	0	0	0	0	0	310	5	97	0	412	1345
% Lights and Motorcycles	0%	96.2%	91.3%	0%	92.6%	96.5%	100%	100%	0%	98.4%	0%	0%	0%	0%	-	95.1%	100%	88.2%	0%	93.4%	95.7%
Heavy	0	3	18	0	21	11	0	0	0	11	0	0	0	0	0	16	0	13	0	29	61
% Heavy	0%	3.8%	8.7%	0%	7.4%	3.5%	0%	0%	0%	1.6%	0%	0%	0%	0%	-	4.9%	0%	11.8%	0%	6.6%	4.3%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 19 (CICERO RD) & FIELD DR - TMC

Tue Feb 5, 2019

PM Peak (4:30 PM - 5:30 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619349, Location: 40.058939, -86.016613, Site Code: i-83



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-02-05																						
4:30PM	0	55	46	0	101	47	36	0	0	83	2	1	0	0	3	58	1	80	0	139	326	
4:45PM	0	59	57	0	116	43	34	2	0	79	0	0	1	0	1	43	1	84	0	128	324	
5:00PM	0	67	67	0	134	53	39	2	0	94	3	2	0	0	5	52	0	99	0	151	384	
5:15PM	1	61	57	0	119	87	54	1	0	142	0	1	2	0	3	48	3	52	0	103	367	
Total	1	242	227	0	470	230	163	5	0	398	5	4	3	0	12	201	5	315	0	521	1401	
% Approach	0.2%	51.5%	48.3%	0%	-	57.8%	41.0%	1.3%	0%	-	41.7%	33.3%	25.0%	0%	-	38.6%	1.0%	60.5%	0%	-	-	
% Total	0.1%	17.3%	16.2%	0%	33.5%	16.4%	11.6%	0.4%	0%	28.4%	0.4%	0.3%	0.2%	0%	0.9%	14.3%	0.4%	22.5%	0%	37.2%	-	
PHF	0.250	0.903	0.847	-	0.877	0.661	0.755	0.625	-	0.701	0.417	0.500	0.375	-	0.600	0.866	0.417	0.795	-	0.863	0.912	
Lights and Motorcycles	1	238	226	0	465	229	163	5	0	397	5	4	3	0	12	199	5	313	0	517	1391	
% Lights and Motorcycles	100%	98.3%	99.6%	0%	98.9%	99.6%	100%	100%	0%	99.7%	100%	100%	100%	0%	100%	99.0%	100%	99.4%	0%	99.2%	99.3%	
Heavy	0	4	1	0	5	1	0	0	0	1	0	0	0	0	0	2	0	2	0	4	10	
% Heavy	0%	1.7%	0.4%	0%	1.1%	0.4%	0%	0%	0%	0.3%	0%	0%	0%	0%	0%	1.0%	0%	0.6%	0%	0.8%	0.7%	

*L: Left, R: Right, T: Thru, U: U-Turn

10TH ST & FIELD DR - TMC

Tue Feb 5, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619350, Location: 40.058471, -86.009982, Site Code: i-84



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-05																					
6:30AM	6	1	3	0	10	7	5	33	0	45	12	49	3	0	64	0	24	3	0	27	146
6:45AM	5	8	9	0	22	12	19	46	0	77	10	76	10	0	96	4	21	2	0	27	222
Hourly Total	11	9	12	0	32	19	24	79	0	122	22	125	13	0	160	4	45	5	0	54	368
7:00AM	14	5	21	0	40	29	17	48	0	94	11	165	25	0	201	6	23	4	0	33	368
7:15AM	18	8	26	0	52	23	27	61	0	111	29	96	26	0	151	20	55	11	0	86	400
7:30AM	13	10	1	0	24	4	36	65	0	105	34	25	32	0	91	11	24	5	0	40	260
7:45AM	6	6	0	0	12	3	40	76	0	119	30	25	28	0	83	6	25	2	0	33	247
Hourly Total	51	29	48	0	128	59	120	250	0	429	104	311	111	0	526	43	127	22	0	192	1275
8:00AM	7	7	2	0	16	6	25	60	0	91	20	34	20	0	74	5	22	1	0	28	209
8:15AM	7	3	11	0	21	2	37	48	0	87	13	20	31	0	64	5	33	1	0	39	211
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	14	10	13	0	37	8	62	108	0	178	33	54	51	0	138	10	55	2	0	67	420
3:00PM	10	16	10	0	36	3	14	27	0	44	36	31	13	0	80	8	61	7	0	76	236
3:15PM	28	23	0	0	51	5	20	35	0	60	38	42	13	0	93	7	49	9	0	65	269
3:30PM	17	39	7	0	63	7	14	38	0	59	28	30	11	0	69	4	53	6	0	63	254
3:45PM	28	25	11	0	64	4	15	30	0	49	25	37	18	0	80	4	65	6	0	75	268
Hourly Total	83	103	28	0	214	19	63	130	0	212	127	140	55	0	322	23	228	28	0	279	1027
4:00PM	32	31	8	0	71	6	11	28	0	45	34	49	18	0	101	2	67	6	0	75	292
4:15PM	27	32	9	0	68	6	16	30	0	52	43	61	17	0	121	9	50	12	0	71	312
4:30PM	59	74	13	0	146	3	14	34	0	51	35	54	7	0	96	5	58	10	0	73	366
4:45PM	39	40	19	0	98	3	12	32	0	47	40	58	9	0	107	3	59	12	0	74	326
Hourly Total	157	177	49	0	383	18	53	124	0	195	152	222	51	0	425	19	234	40	0	293	1296
5:00PM	48	39	16	0	103	10	16	33	0	59	63	50	9	0	122	2	68	11	0	81	365
5:15PM	22	53	15	0	90	12	16	30	0	58	51	69	20	0	140	2	54	5	0	61	349
5:30PM	19	52	12	0	83	7	16	26	0	49	44	55	6	0	105	6	66	14	0	86	323
5:45PM	13	44	13	0	70	2	21	26	0	49	45	65	11	0	121	1	44	10	0	55	295
Hourly Total	102	188	56	0	346	31	69	115	0	215	203	239	46	0	488	11	232	40	0	283	1332
6:00PM	15	41	6	0	62	6	16	35	0	57	45	46	6	0	97	4	50	10	0	64	280
6:15PM	15	32	8	0	55	7	14	33	0	54	42	49	10	0	101	6	40	14	0	60	270
6:30PM	10	28	5	0	43	10	15	33	0	58	51	46	7	0	104	0	68	7	0	75	280
6:45PM	15	28	3	0	46	8	13	19	0	40	31	46	9	0	86	2	53	10	0	65	237
Hourly Total	55	129	22	0	206	31	58	120	0	209	169	187	32	0	388	12	211	41	0	264	1067
Total	473	645	228	0	1346	185	449	926	0	1560	810	1278	359	0	2447	122	1132	178	0	1432	6785
%																					
Approach	35.1%	47.9%	16.9%	0%	-	11.9%	28.8%	59.4%	0%	-	33.1%	52.2%	14.7%	0%	-	8.5%	79.1%	12.4%	0%	-	-
% Total	7.0%	9.5%	3.4%	0%	19.8%	2.7%	6.6%	13.6%	0%	23.0%	11.9%	18.8%	5.3%	0%	36.1%	1.8%	16.7%	2.6%	0%	21.1%	-
Lights and Motorcycles	454	634	223	0	1311	179	440	905	0	1524	797	1234	348	0	2379	118	1070	173	0	1361	6575
% Lights and Motorcycles	96.0%	98.3%	97.8%	0%	97.4%	96.8%	98.0%	97.7%	0%	97.7%	98.4%	96.6%	96.9%	0%	97.2%	96.7%	94.5%	97.2%	0%	95.0%	96.9%
Heavy	19	11	5	0	35	6	9	21	0	36	13	44	11	0	68	4	62	5	0	71	210
% Heavy	4.0%	1.7%	2.2%	0%	2.6%	3.2%	2.0%	2.3%	0%	2.3%	1.6%	3.4%	3.1%	0%	2.8%	3.3%	5.5%	2.8%	0%	5.0%	3.1%

* L: Left, R: Right, T: Thru, U: U-Turn

10TH ST & FIELD DR - TMC

Tue Feb 5, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619350, Location: 40.058471, -86.009982, Site Code: i-84



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-05																						
7:00AM	14	5	21	0	40	29	17	48	0	94	11	165	25	0	201	6	23	4	0	33	368	
7:15AM	18	8	26	0	52	23	27	61	0	111	29	96	26	0	151	20	55	11	0	86	400	
7:30AM	13	10	1	0	24	4	36	65	0	105	34	25	32	0	91	11	24	5	0	40	260	
7:45AM	6	6	0	0	12	3	40	76	0	119	30	25	28	0	83	6	25	2	0	33	247	
Total	51	29	48	0	128	59	120	250	0	429	104	311	111	0	526	43	127	22	0	192	1275	
% Approach	39.8%	22.7%	37.5%	0%	-	13.8%	28.0%	58.3%	0%	-	19.8%	59.1%	21.1%	0%	-	22.4%	66.1%	11.5%	0%	-	-	
% Total	4.0%	2.3%	3.8%	0%	10.0%	4.6%	9.4%	19.6%	0%	33.6%	8.2%	24.4%	8.7%	0%	41.3%	3.4%	10.0%	1.7%	0%	15.1%	-	
PHF	0.708	0.725	0.462	-	0.615	0.509	0.750	0.822	-	0.901	0.765	0.471	0.867	-	0.654	0.538	0.577	0.500	-	0.558	0.797	
Lights and Motorcycles	48	29	45	0	122	54	119	248	0	421	102	287	109	0	498	40	101	20	0	161	1202	
% Lights and Motorcycles	94.1%	100%	93.8%	0%	95.3%	91.5%	99.2%	99.2%	0%	98.1%	98.1%	92.3%	98.2%	0%	94.7%	93.0%	79.5%	90.9%	0%	83.9%	94.3%	
Heavy	3	0	3	0	6	5	1	2	0	8	2	24	2	0	28	3	26	2	0	31	73	
% Heavy	5.9%	0%	6.3%	0%	4.7%	8.5%	0.8%	0.8%	0%	1.9%	1.9%	7.7%	1.8%	0%	5.3%	7.0%	20.5%	9.1%	0%	16.1%	5.7%	

*L: Left, R: Right, T: Thru, U: U-Turn

10TH ST & FIELD DR - TMC

Tue Feb 5, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619350, Location: 40.058471, -86.009982, Site Code: i-84



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-02-05																									
4:30PM	59	74	13	0	146	3	14	34	0	51	35	54	7	0	96	5	58	10	0	73	366				
4:45PM	39	40	19	0	98	3	12	32	0	47	40	58	9	0	107	3	59	12	0	74	326				
5:00PM	48	39	16	0	103	10	16	33	0	59	63	50	9	0	122	2	68	11	0	81	365				
5:15PM	22	53	15	0	90	12	16	30	0	58	51	69	20	0	140	2	54	5	0	61	349				
Total	168	206	63	0	437	28	58	129	0	215	189	231	45	0	465	12	239	38	0	289	1406				
% Approach	38.4%	47.1%	14.4%	0%	-	13.0%	27.0%	60.0%	0%	-	40.6%	49.7%	9.7%	0%	-	4.2%	82.7%	13.1%	0%	-	-				
% Total	11.9%	14.7%	4.5%	0%	31.1%	2.0%	4.1%	9.2%	0%	15.3%	13.4%	16.4%	3.2%	0%	33.1%	0.9%	17.0%	2.7%	0%	20.6%	-				
PHF	0.712	0.696	0.829	-	0.748	0.583	0.906	0.949	-	0.911	0.750	0.837	0.563	-	0.830	0.600	0.879	0.792	-	0.892	0.960				
Lights and Motorcycles	167	205	63	0	435	28	57	128	0	213	188	230	45	0	463	12	237	38	0	287	1398				
% Lights and Motorcycles	99.4%	99.5%	100%	0%	99.5%	100%	98.3%	99.2%	0%	99.1%	99.5%	99.6%	100%	0%	99.6%	100%	99.2%	100%	0%	99.3%	99.4%				
Heavy	1	1	0	0	2	0	1	1	0	2	1	1	0	0	2	0	2	0	0	2	8				
% Heavy	0.6%	0.5%	0%	0%	0.5%	0%	1.7%	0.8%	0%	0.9%	0.5%	0.4%	0%	0%	0.4%	0%	0.8%	0%	0%	0.7%	0.6%				

*L: Left, R: Right, T: Thru, U: U-Turn

16TH ST & FIELD DR - TMC

Tue Feb 5, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619351, Location: 40.058427, -86.005281, Site Code: i-85



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-05 6:30AM	1	2	0	3	58	5	0	63	1	19	0	20	86
6:45AM	2	8	0	10	93	4	0	97	1	23	0	24	131
Hourly Total	3	10	0	13	151	9	0	160	2	42	0	44	217
7:00AM	0	33	0	33	189	11	0	200	5	38	0	43	276
7:15AM	4	31	0	35	159	6	0	165	22	85	0	107	307
7:30AM	5	8	0	13	29	6	0	35	9	20	0	29	77
7:45AM	2	7	0	9	26	4	0	30	1	33	0	34	73
Hourly Total	11	79	0	90	403	27	0	430	37	176	0	213	733
8:00AM	6	2	0	8	40	4	0	44	0	23	0	23	75
8:15AM	0	6	0	6	30	7	0	37	3	38	0	41	84
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	6	8	0	14	70	11	0	81	3	61	0	64	159
3:00PM	2	7	0	9	41	4	0	45	7	75	0	82	136
3:15PM	6	3	0	9	41	9	0	50	3	56	0	59	118
3:30PM	14	4	0	18	41	5	0	46	6	55	0	61	125
3:45PM	5	5	0	10	46	2	0	48	9	68	0	77	135
Hourly Total	27	19	0	46	169	20	0	189	25	254	0	279	514
4:00PM	9	6	0	15	53	5	0	58	6	63	0	69	142
4:15PM	11	14	0	25	66	5	0	71	4	64	0	68	164
4:30PM	8	13	0	21	63	7	0	70	6	66	0	72	163
4:45PM	9	14	0	23	68	9	0	77	2	70	0	72	172
Hourly Total	37	47	0	84	250	26	0	276	18	263	0	281	641
5:00PM	16	14	0	30	66	7	0	73	8	64	0	72	175
5:15PM	8	11	0	19	79	15	0	94	6	58	0	64	177
5:30PM	10	7	0	17	60	7	0	67	5	74	0	79	163
5:45PM	11	14	0	25	67	16	0	83	7	46	0	53	161
Hourly Total	45	46	0	91	272	45	0	317	26	242	0	268	676
6:00PM	9	5	0	14	47	7	0	54	6	58	0	64	132
6:15PM	11	3	0	14	56	4	0	60	2	49	0	51	125
6:30PM	13	7	0	20	59	4	0	63	1	70	0	71	154
6:45PM	6	5	0	11	51	4	0	55	4	57	0	61	127
Hourly Total	39	20	0	59	213	19	0	232	13	234	0	247	538
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	168	229	0	397	1528	157	0	1685	124	1272	0	1396	3478
% Approach	42.3%	57.7%	0%	-	90.7%	9.3%	0%	-	8.9%	91.1%	0%	-	-
% Total	4.8%	6.6%	0%	11.4%	43.9%	4.5%	0%	48.4%	3.6%	36.6%	0%	40.1%	-
Lights and Motorcycles	157	223	0	380	1485	147	0	1632	117	1210	0	1327	3339
% Lights and Motorcycles	93.5%	97.4%	0%	95.7%	97.2%	93.6%	0%	96.9%	94.4%	95.1%	0%	95.1%	96.0%
Heavy	11	6	0	17	43	10	0	53	7	62	0	69	139
% Heavy	6.5%	2.6%	0%	4.3%	2.8%	6.4%	0%	3.1%	5.6%	4.9%	0%	4.9%	4.0%

*L: Left, R: Right, T: Thru, U: U-Turn

16TH ST & FIELD DR - TMC

Tue Feb 5, 2019

AM Peak (6:30 AM - 7:30 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619351, Location: 40.058427, -86.005281, Site Code: i-85



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-05 6:30AM	1	2	0	3	58	5	0	63	1	19	0	20	86
6:45AM	2	8	0	10	93	4	0	97	1	23	0	24	131
7:00AM	0	33	0	33	189	11	0	200	5	38	0	43	276
7:15AM	4	31	0	35	159	6	0	165	22	85	0	107	307
Total	7	74	0	81	499	26	0	525	29	165	0	194	800
% Approach	8.6%	91.4%	0%	-	95.0%	5.0%	0%	-	14.9%	85.1%	0%	-	-
% Total	0.9%	9.3%	0%	10.1%	62.4%	3.3%	0%	65.6%	3.6%	20.6%	0%	24.3%	-
PHF	0.438	0.561	-	0.579	0.660	0.591	-	0.656	0.330	0.485	-	0.453	0.651
Lights and Motorcycles	4	68	0	72	464	19	0	483	24	141	0	165	720
% Lights and Motorcycles	57.1%	91.9%	0%	88.9%	93.0%	73.1%	0%	92.0%	82.8%	85.5%	0%	85.1%	90.0%
Heavy	3	6	0	9	35	7	0	42	5	24	0	29	80
% Heavy	42.9%	8.1%	0%	11.1%	7.0%	26.9%	0%	8.0%	17.2%	14.5%	0%	14.9%	10.0%

* L: Left, R: Right, T: Thru, U: U-Turn

16TH ST & FIELD DR - TMC

Tue Feb 5, 2019

PM Peak (4:30 PM - 5:30 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619351, Location: 40.058427, -86.005281, Site Code: i-85



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-05 4:30PM	8	13	0	21	63	7	0	70	6	66	0	72	163
4:45PM	9	14	0	23	68	9	0	77	2	70	0	72	172
5:00PM	16	14	0	30	66	7	0	73	8	64	0	72	175
5:15PM	8	11	0	19	79	15	0	94	6	58	0	64	177
Total	41	52	0	93	276	38	0	314	22	258	0	280	687
% Approach	44.1%	55.9%	0%	-	87.9%	12.1%	0%	-	7.9%	92.1%	0%	-	-
% Total	6.0%	7.6%	0%	13.5%	40.2%	5.5%	0%	45.7%	3.2%	37.6%	0%	40.8%	-
PHF	0.641	0.929	-	0.775	0.873	0.633	-	0.835	0.688	0.921	-	0.972	0.970
Lights and Motorcycles	41	52	0	93	275	38	0	313	22	256	0	278	684
% Lights and Motorcycles	100%	100%	0%	100%	99.6%	100%	0%	99.7%	100%	99.2%	0%	99.3%	99.6%
Heavy	0	0	0	0	1	0	0	1	0	2	0	2	3
% Heavy	0%	0%	0%	0%	0.4%	0%	0%	0.3%	0%	0.8%	0%	0.7%	0.4%

* L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & FIELD DR - TMC

Tue Feb 5, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619352, Location: 40.058352, -85.995839, Site Code: i-86



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-05																					
6:30AM	7	7	0	0	14	3	10	5	0	18	1	28	6	0	35	5	24	3	0	32	99
6:45AM	14	8	1	0	23	6	17	8	0	31	5	21	30	0	56	10	40	1	0	51	161
Hourly Total	21	15	1	0	37	9	27	13	0	49	6	49	36	0	91	15	64	4	0	83	260
7:00AM	21	14	4	0	39	2	76	9	0	87	5	14	64	0	83	44	69	2	0	115	324
7:15AM	19	27	10	0	56	0	66	16	0	82	12	36	53	0	101	31	40	2	0	73	312
7:30AM	11	15	5	0	31	4	29	5	0	38	9	33	16	0	58	7	8	2	0	17	144
7:45AM	13	12	0	0	25	0	29	6	0	35	2	13	11	0	26	11	16	9	0	36	122
Hourly Total	64	68	19	0	151	6	200	36	0	242	28	96	144	0	268	93	133	15	0	241	902
8:00AM	1	7	3	0	11	3	21	2	0	26	5	25	6	0	36	4	22	4	0	30	103
8:15AM	8	18	3	0	29	6	18	8	0	32	8	14	12	0	34	6	33	5	0	44	139
Hourly Total	9	25	6	0	40	9	39	10	0	58	13	39	18	0	70	10	55	9	0	74	242
3:00PM	19	36	9	0	64	1	15	3	0	19	10	45	14	0	69	5	20	8	0	33	185
3:15PM	17	44	3	0	64	8	35	5	0	48	4	39	15	0	58	5	21	6	0	32	202
3:30PM	11	32	7	0	50	8	34	5	0	47	8	35	19	0	62	2	32	5	0	39	198
3:45PM	17	35	6	0	58	5	17	6	0	28	6	37	9	0	52	6	32	6	0	44	182
Hourly Total	64	147	25	0	236	22	101	19	0	142	28	156	57	0	241	18	105	25	0	148	767
4:00PM	23	44	3	0	70	5	11	4	0	20	11	30	22	0	63	6	34	6	0	46	199
4:15PM	18	48	6	0	72	5	30	7	0	42	10	47	16	0	73	10	33	5	0	48	235
4:30PM	18	43	8	0	69	3	21	6	0	30	13	34	27	0	74	4	46	7	0	57	230
4:45PM	26	42	2	0	70	5	29	8	0	42	11	30	20	0	61	8	52	8	0	68	241
Hourly Total	85	177	19	0	281	18	91	25	0	134	45	141	85	0	271	28	165	26	0	219	905
5:00PM	18	44	9	0	71	5	20	5	0	30	17	42	8	0	67	10	49	9	0	68	236
5:15PM	17	45	4	0	66	4	16	13	0	33	12	41	31	0	84	8	40	9	0	57	240
5:30PM	13	36	3	0	52	4	22	6	0	32	10	25	19	0	54	11	46	6	0	63	201
5:45PM	11	32	4	0	47	7	18	4	0	29	9	27	17	0	53	15	45	3	0	63	192
Hourly Total	59	157	20	0	236	20	76	28	0	124	48	135	75	0	258	44	180	27	0	251	869
6:00PM	31	38	12	0	81	0	28	7	0	35	2	31	19	0	52	7	42	2	0	51	219
6:15PM	9	37	2	0	48	1	21	5	0	27	9	39	27	0	75	18	28	15	0	61	211
6:30PM	23	37	8	0	68	2	18	9	0	29	9	24	25	0	58	4	31	0	0	35	190
6:45PM	22	34	9	0	65	2	20	2	0	24	6	26	32	0	64	7	34	9	0	50	203
Hourly Total	85	146	31	0	262	5	87	23	0	115	26	120	103	0	249	36	135	26	0	197	823
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	387	735	121	0	1243	89	621	154	0	864	194	736	518	0	1448	244	837	132	0	1213	4768
% Approach	31.1%	59.1%	9.7%	0%	-	10.3%	71.9%	17.8%	0%	-	13.4%	50.8%	35.8%	0%	-	20.1%	69.0%	10.9%	0%	-	-
% Total	8.1%	15.4%	2.5%	0%	26.1%	1.9%	13.0%	3.2%	0%	18.1%	4.1%	15.4%	10.9%	0%	30.4%	5.1%	17.6%	2.8%	0%	25.4%	-
Lights and Motorcycles	378	723	117	0	1218	85	606	150	0	841	182	714	511	0	1407	239	792	121	0	1152	4618
% Lights and Motorcycles	97.7%	98.4%	96.7%	0%	98.0%	95.5%	97.6%	97.4%	0%	97.3%	93.8%	97.0%	98.6%	0%	97.2%	98.0%	94.6%	91.7%	0%	95.0%	96.9%
Heavy	9	12	4	0	25	4	15	4	0	23	12	22	7	0	41	5	45	11	0	61	150
% Heavy	2.3%	1.6%	3.3%	0%	2.0%	4.5%	2.4%	2.6%	0%	2.7%	6.2%	3.0%	1.4%	0%	2.8%	2.0%	5.4%	8.3%	0%	5.0%	3.1%

* L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & FIELD DR - TMC

Tue Feb 5, 2019

AM Peak (6:45 AM - 7:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619352, Location: 40.058352, -85.995839, Site Code: i-86



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-02-05 6:45AM	14	8	1	0	23	6	17	8	0	31	5	21	30	0	56	10	40	1	0	51	161
7:00AM	21	14	4	0	39	2	76	9	0	87	5	14	64	0	83	44	69	2	0	115	324
7:15AM	19	27	10	0	56	0	66	16	0	82	12	36	53	0	101	31	40	2	0	73	312
7:30AM	11	15	5	0	31	4	29	5	0	38	9	33	16	0	58	7	8	2	0	17	144
Total	65	64	20	0	149	12	188	38	0	238	31	104	163	0	298	92	157	7	0	256	941
% Approach	43.6%	43.0%	13.4%	0%	-	5.0%	79.0%	16.0%	0%	-	10.4%	34.9%	54.7%	0%	-	35.9%	61.3%	2.7%	0%	-	-
% Total	6.9%	6.8%	2.1%	0%	15.8%	1.3%	20.0%	4.0%	0%	25.3%	3.3%	11.1%	17.3%	0%	31.7%	9.8%	16.7%	0.7%	0%	27.2%	-
PHF	0.774	0.593	0.500	-	0.665	0.500	0.618	0.594	-	0.684	0.646	0.722	0.637	-	0.738	0.523	0.569	0.875	-	0.557	0.726
Lights and Motorcycles	62	63	19	0	144	12	188	36	0	236	23	94	158	0	275	91	146	7	0	244	899
% Lights and Motorcycles	95.4%	98.4%	95.0%	0%	96.6%	100%	100%	94.7%	0%	99.2%	74.2%	90.4%	96.9%	0%	92.3%	98.9%	93.0%	100%	0%	95.3%	95.5%
Heavy	3	1	1	0	5	0	0	2	0	2	8	10	5	0	23	1	11	0	0	12	42
% Heavy	4.6%	1.6%	5.0%	0%	3.4%	0%	0%	5.3%	0%	0.8%	25.8%	9.6%	3.1%	0%	7.7%	1.1%	7.0%	0%	0%	4.7%	4.5%

*L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & FIELD DR - TMC

Tue Feb 5, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619352, Location: 40.058352, -85.995839, Site Code: i-86



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-02-05																						
4:30PM	18	43	8	0	69	3	21	6	0	30	13	34	27	0	74	4	46	7	0	57	230	
4:45PM	26	42	2	0	70	5	29	8	0	42	11	30	20	0	61	8	52	8	0	68	241	
5:00PM	18	44	9	0	71	5	20	5	0	30	17	42	8	0	67	10	49	9	0	68	236	
5:15PM	17	45	4	0	66	4	16	13	0	33	12	41	31	0	84	8	40	9	0	57	240	
Total	79	174	23	0	276	17	86	32	0	135	53	147	86	0	286	30	187	33	0	250	947	
% Approach	28.6%	63.0%	8.3%	0%	-	12.6%	63.7%	23.7%	0%	-	18.5%	51.4%	30.1%	0%	-	12.0%	74.8%	13.2%	0%	-	-	
% Total	8.3%	18.4%	2.4%	0%	29.1%	1.8%	9.1%	3.4%	0%	14.3%	5.6%	15.5%	9.1%	0%	30.2%	3.2%	19.7%	3.5%	0%	26.4%	-	
PHF	0.760	0.967	0.639	-	0.972	0.850	0.741	0.615	-	0.804	0.779	0.875	0.694	-	0.851	0.750	0.899	0.917	-	0.919	0.982	
Lights and Motorcycles	78	174	23	0	275	17	85	32	0	134	52	145	86	0	283	30	184	33	0	247	939	
% Lights and Motorcycles	98.7%	100%	100%	0%	99.6%	100%	98.8%	100%	0%	99.3%	98.1%	98.6%	100%	0%	99.0%	100%	98.4%	100%	0%	98.8%	99.2%	
Heavy	1	0	0	0	1	0	1	0	0	1	1	2	0	0	3	0	3	0	0	3	8	
% Heavy	1.3%	0%	0%	0%	0.4%	0%	1.2%	0%	0%	0.7%	1.9%	1.4%	0%	0%	1.0%	0%	1.6%	0%	0%	1.2%	0.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 186TH ST - TMC

Wed Feb 6, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619356, Location: 40.058359, -85.990689, Site Code: i-87



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-06 6:30AM	23	54	0	0	77	0	226	4	0	230	3	6	31	0	40	2	1	0	0	3	350
6:45AM	44	62	0	0	106	2	233	11	0	246	0	1	21	0	22	0	2	0	0	2	376
Hourly Total	67	116	0	0	183	2	459	15	0	476	3	7	52	0	62	2	3	0	0	5	726
7:00AM	54	93	0	0	147	1	242	48	0	291	0	0	35	0	35	0	0	0	0	0	473
7:15AM	33	99	1	0	133	0	277	31	1	309	0	0	35	0	35	0	3	0	0	3	480
7:30AM	10	104	1	0	115	1	267	9	0	277	5	5	49	0	59	0	2	3	0	5	456
7:45AM	16	78	1	0	95	1	277	7	0	285	0	3	30	0	33	0	3	0	0	3	416
Hourly Total	113	374	3	0	490	3	1063	95	1	1162	5	8	149	0	162	0	8	3	0	11	1825
8:00AM	11	97	1	0	109	2	235	7	0	244	1	5	20	0	26	0	4	0	0	4	383
8:15AM	16	73	0	0	89	2	215	10	1	228	0	2	18	0	20	0	4	0	0	4	341
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	27	170	1	0	198	4	450	17	1	472	1	7	38	0	46	0	8	0	0	8	724
3:00PM	30	200	1	0	231	0	145	2	0	147	4	6	21	0	31	0	4	0	0	4	413
3:15PM	20	187	3	0	210	2	132	3	0	137	2	5	45	0	52	0	1	1	0	2	401
3:30PM	32	193	2	1	228	0	119	3	0	122	3	3	35	0	41	0	3	0	0	3	394
3:45PM	44	212	1	1	258	0	140	7	0	147	3	8	33	0	44	0	7	1	0	8	457
Hourly Total	126	792	7	2	927	2	536	15	0	553	12	22	134	0	168	0	15	2	0	17	1665
4:00PM	43	250	2	1	296	1	127	8	0	136	4	10	38	0	52	1	9	0	0	10	494
4:15PM	33	264	2	1	300	2	143	7	0	152	3	5	35	0	43	0	4	0	0	4	499
4:30PM	59	291	1	1	352	0	155	12	0	167	3	10	36	0	49	2	4	0	0	6	574
4:45PM	52	263	1	0	316	2	152	10	0	164	1	6	42	0	49	0	4	0	0	4	533
Hourly Total	187	1068	6	3	1264	5	577	37	0	619	11	31	151	0	193	3	21	0	0	24	2100
5:00PM	38	260	3	0	301	1	171	6	0	178	5	3	41	0	49	0	6	1	0	7	535
5:15PM	51	268	2	0	321	3	146	8	0	157	5	6	34	0	45	1	6	1	0	8	531
5:30PM	50	258	1	0	309	2	165	9	0	176	2	5	30	0	37	1	1	1	0	3	525
5:45PM	44	247	2	2	295	0	146	15	0	161	3	5	26	0	34	0	6	0	0	6	496
Hourly Total	183	1033	8	2	1226	6	628	38	0	672	15	19	131	0	165	2	19	3	0	24	2087
6:00PM	37	206	2	0	245	1	134	7	0	142	4	4	24	0	32	0	3	0	0	3	422
6:15PM	50	226	4	2	282	1	138	13	0	152	0	2	21	0	23	0	3	1	0	4	461
6:30PM	58	190	5	2	255	0	98	8	0	106	0	7	33	0	40	1	5	0	0	6	407
6:45PM	42	167	2	1	212	1	78	12	0	91	6	5	38	0	49	2	1	1	0	4	356
Hourly Total	187	789	13	5	994	3	448	40	0	491	10	18	116	0	144	3	12	2	0	17	1646
Total	890	4342	38	12	5282	25	4161	257	2	4445	57	112	771	0	940	10	86	10	0	106	10773
% Approach	16.8%	82.2%	0.7%	0.2%	-	0.6%	93.6%	5.8%	0%	-	6.1%	11.9%	82.0%	0%	-	9.4%	81.1%	9.4%	0%	-	-
% Total	8.3%	40.3%	0.4%	0.1%	49.0%	0.2%	38.6%	2.4%	0%	41.3%	0.5%	1.0%	7.2%	0%	8.7%	0.1%	0.8%	0.1%	0%	1.0%	-
Lights and Motorcycles	849	4234	38	12	5133	25	4066	245	2	4338	56	112	754	0	922	10	85	10	0	105	10498
% Lights and Motorcycles	95.4%	97.5%	100%	100%	97.2%	100%	97.7%	95.3%	100%	97.6%	98.2%	100%	97.8%	0%	98.1%	100%	98.8%	100%	0%	99.1%	97.4%
Heavy	41	108	0	0	149	0	95	12	0	107	1	0	17	0	18	0	1	0	0	1	275
% Heavy	4.6%	2.5%	0%	0%	2.8%	0%	2.3%	4.7%	0%	2.4%	1.8%	0%	2.2%	0%	1.9%	0%	1.2%	0%	0%	0.9%	2.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 186TH ST - TMC

Wed Feb 6, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619356, Location: 40.058359, -85.990689, Site Code: i-87



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-02-06																						
7:00AM	54	93	0	0	147	1	242	48	0	291	0	0	35	0	35	0	0	0	0	0	0	473
7:15AM	33	99	1	0	133	0	277	31	1	309	0	0	35	0	35	0	3	0	0	0	3	480
7:30AM	10	104	1	0	115	1	267	9	0	277	5	5	49	0	59	0	2	3	0	0	5	456
7:45AM	16	78	1	0	95	1	277	7	0	285	0	3	30	0	33	0	3	0	0	0	3	416
Total	113	374	3	0	490	3	1063	95	1	1162	5	8	149	0	162	0	8	3	0	0	11	1825
% Approach	23.1%	76.3%	0.6%	0%	-	0.3%	91.5%	8.2%	0.1%	-	3.1%	4.9%	92.0%	0%	-	0%	72.7%	27.3%	0%	-	-	-
% Total	6.2%	20.5%	0.2%	0%	26.8%	0.2%	58.2%	5.2%	0.1%	63.7%	0.3%	0.4%	8.2%	0%	8.9%	0%	0.4%	0.2%	0%	0.6%	-	-
PHF	0.523	0.899	0.750	-	0.833	0.750	0.959	0.495	0.250	0.940	0.250	0.400	0.760	-	0.686	-	0.667	0.250	-	0.550	0.951	0.951
Lights and Motorcycles	106	358	3	0	467	3	1050	90	1	1144	5	8	140	0	153	0	8	3	0	0	11	1775
% Lights and Motorcycles	93.8%	95.7%	100%	0%	95.3%	100%	98.8%	94.7%	100%	98.5%	100%	100%	94.0%	0%	94.4%	0%	100%	100%	0%	100%	0%	97.3%
Heavy	7	16	0	0	23	0	13	5	0	18	0	0	9	0	9	0	0	0	0	0	0	50
% Heavy	6.2%	4.3%	0%	0%	4.7%	0%	1.2%	5.3%	0%	1.5%	0%	0%	6.0%	0%	5.6%	0%	0%	0%	0%	0%	0%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

SR37 & 186TH ST - TMC

Wed Feb 6, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619356, Location: 40.058359, -85.990689, Site Code: i-87



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2019-02-06																										
4:30PM	59	291	1	1	352	0	155	12	0	167	3	10	36	0	49	2	4	0	0	6	574					
4:45PM	52	263	1	0	316	2	152	10	0	164	1	6	42	0	49	0	4	0	0	4	533					
5:00PM	38	260	3	0	301	1	171	6	0	178	5	3	41	0	49	0	6	1	0	7	535					
5:15PM	51	268	2	0	321	3	146	8	0	157	5	6	34	0	45	1	6	1	0	8	531					
Total	200	1082	7	1	1290	6	624	36	0	666	14	25	153	0	192	3	20	2	0	25	2173					
% Approach	15.5%	83.9%	0.5%	0.1%	-	0.9%	93.7%	5.4%	0%	-	7.3%	13.0%	79.7%	0%	-	12.0%	80.0%	8.0%	0%	-	-					
% Total	9.2%	49.8%	0.3%	0%	59.4%	0.3%	28.7%	1.7%	0%	30.6%	0.6%	1.2%	7.0%	0%	8.8%	0.1%	0.9%	0.1%	0%	1.2%	-					
PHF	0.847	0.930	0.583	0.250	0.916	0.500	0.912	0.750	-	0.935	0.700	0.625	0.911	-	0.980	0.375	0.833	0.500	-	0.781	0.946					
Lights and Motorcycles	200	1062	7	1	1270	6	608	35	0	649	14	25	152	0	191	3	20	2	0	25	2135					
% Lights and Motorcycles	100%	98.2%	100%	100%	98.4%	100%	97.4%	97.2%	0%	97.4%	100%	100%	99.3%	0%	99.5%	100%	100%	100%	0%	100%	98.3%					
Heavy	0	20	0	0	20	0	16	1	0	17	0	0	1	0	1	0	0	0	0	0	38					
% Heavy	0%	1.8%	0%	0%	1.6%	0%	2.6%	2.8%	0%	2.6%	0%	0%	0.7%	0%	0.5%	0%	0%	0%	0%	0%	1.7%					

*L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & PROMISE RD - TMC

Tue Feb 19, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641174, Location: 40.058593, -85.971931, Site Code: i-88



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-02-19 6:30AM	3	11	0	14	35	1	0	36	0	6	0	6	56
6:45AM	2	16	0	18	45	0	0	45	0	2	0	2	65
Hourly Total	5	27	0	32	80	1	0	81	0	8	0	8	121
7:00AM	3	28	0	31	43	2	0	45	0	1	0	1	77
7:15AM	2	20	0	22	45	3	0	48	0	4	0	4	74
7:30AM	3	31	0	34	55	0	0	55	1	7	0	8	97
7:45AM	2	25	0	27	49	0	0	49	0	10	0	10	86
Hourly Total	10	104	0	114	192	5	0	197	1	22	0	23	334
8:00AM	4	23	0	27	37	1	0	38	2	4	0	6	71
8:15AM	5	15	0	20	40	2	0	42	0	6	0	6	68
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	9	38	0	47	77	3	0	80	2	10	0	12	139
3:00PM	1	32	0	33	25	0	0	25	3	8	0	11	69
3:15PM	2	34	0	36	42	0	0	42	1	6	0	7	85
3:30PM	3	44	0	47	31	1	0	32	0	8	0	8	87
3:45PM	2	34	0	36	36	0	0	36	2	7	0	9	81
Hourly Total	8	144	0	152	134	1	0	135	6	29	0	35	322
4:00PM	2	37	0	39	18	2	0	20	0	9	0	9	68
4:15PM	4	44	0	48	31	0	0	31	1	7	0	8	87
4:30PM	6	43	0	49	35	0	0	35	1	8	0	9	93
4:45PM	8	40	1	49	29	0	0	29	1	4	0	5	83
Hourly Total	20	164	1	185	113	2	0	115	3	28	0	31	331
5:00PM	3	58	0	61	41	1	0	42	3	9	0	12	115
5:15PM	6	64	0	70	45	0	0	45	1	7	0	8	123
5:30PM	3	39	0	42	48	0	0	48	1	6	0	7	97
5:45PM	8	47	0	55	22	1	0	23	1	6	0	7	85
Hourly Total	20	208	0	228	156	2	0	158	6	28	0	34	420
6:00PM	5	33	0	38	33	0	0	33	2	4	0	6	77
6:15PM	8	30	0	38	32	0	0	32	5	7	0	12	82
6:30PM	1	31	0	32	20	0	0	20	0	8	0	8	60
6:45PM	3	18	0	21	20	0	0	20	1	2	0	3	44
Hourly Total	17	112	0	129	105	0	0	105	8	21	0	29	263
Total	89	797	1	887	857	14	0	871	26	146	0	172	1930
% Approach	10.0%	89.9%	0.1%	-	98.4%	1.6%	0%	-	15.1%	84.9%	0%	-	-
% Total	4.6%	41.3%	0.1%	46.0%	44.4%	0.7%	0%	45.1%	1.3%	7.6%	0%	8.9%	-
Lights and Motorcycles	88	771	1	860	835	14	0	849	25	140	0	165	1874
% Lights and Motorcycles	98.9%	96.7%	100%	97.0%	97.4%	100%	0%	97.5%	96.2%	95.9%	0%	95.9%	97.1%
Heavy	1	26	0	27	22	0	0	22	1	6	0	7	56
% Heavy	1.1%	3.3%	0%	3.0%	2.6%	0%	0%	2.5%	3.8%	4.1%	0%	4.1%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & PROMISE RD - TMC

Tue Feb 19, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641174, Location: 40.058593, -85.971931, Site Code: i-88



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-02-19 7:00AM	3	28	0	31	43	2	0	45	0	1	0	1	77
7:15AM	2	20	0	22	45	3	0	48	0	4	0	4	74
7:30AM	3	31	0	34	55	0	0	55	1	7	0	8	97
7:45AM	2	25	0	27	49	0	0	49	0	10	0	10	86
Total	10	104	0	114	192	5	0	197	1	22	0	23	334
% Approach	8.8%	91.2%	0%	-	97.5%	2.5%	0%	-	4.3%	95.7%	0%	-	-
% Total	3.0%	31.1%	0%	34.1%	57.5%	1.5%	0%	59.0%	0.3%	6.6%	0%	6.9%	-
PHF	0.833	0.839	-	0.838	0.873	0.417	-	0.895	0.250	0.550	-	0.575	0.861
Lights and Motorcycles	10	99	0	109	188	5	0	193	1	21	0	22	324
% Lights and Motorcycles	100%	95.2%	0%	95.6%	97.9%	100%	0%	98.0%	100%	95.5%	0%	95.7%	97.0%
Heavy	0	5	0	5	4	0	0	4	0	1	0	1	10
% Heavy	0%	4.8%	0%	4.4%	2.1%	0%	0%	2.0%	0%	4.5%	0%	4.3%	3.0%

* L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & PROMISE RD - TMC

Tue Feb 19, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641174, Location: 40.058593, -85.971931, Site Code: i-88



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-02-19 5:00PM	3	58	0	61	41	1	0	42	3	9	0	12	115
5:15PM	6	64	0	70	45	0	0	45	1	7	0	8	123
5:30PM	3	39	0	42	48	0	0	48	1	6	0	7	97
5:45PM	8	47	0	55	22	1	0	23	1	6	0	7	85
Total	20	208	0	228	156	2	0	158	6	28	0	34	420
% Approach	8.8%	91.2%	0%	-	98.7%	1.3%	0%	-	17.6%	82.4%	0%	-	-
% Total	4.8%	49.5%	0%	54.3%	37.1%	0.5%	0%	37.6%	1.4%	6.7%	0%	8.1%	-
PHF	0.625	0.813	-	0.814	0.813	0.500	-	0.823	0.500	0.778	-	0.708	0.854
Lights and Motorcycles	20	207	0	227	153	2	0	155	6	28	0	34	416
% Lights and Motorcycles	100%	99.5%	0%	99.6%	98.1%	100%	0%	98.1%	100%	100%	0%	100%	99.0%
Heavy	0	1	0	1	3	0	0	3	0	0	0	0	4
% Heavy	0%	0.5%	0%	0.4%	1.9%	0%	0%	1.9%	0%	0%	0%	0%	1.0%

* L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & DESHANE AVE - TMC

Tue Feb 19, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641175, Location: 40.058976, -85.934809, Site Code: i-89



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-02-19 6:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45AM	0	1	0	1	4	0	0	4	0	0	0	0	5
Hourly Total	0	1	0	1	4	0	0	4	0	0	0	0	5
7:00AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:15AM	0	0	0	0	2	1	0	3	1	1	0	2	5
7:30AM	2	0	0	2	0	0	0	0	0	0	0	0	2
7:45AM	0	0	0	0	0	0	0	0	0	1	0	1	1
Hourly Total	3	0	0	3	2	1	0	3	1	2	0	3	9
8:00AM	0	1	0	1	2	0	0	2	1	1	0	2	5
8:15AM	3	1	0	4	1	2	0	3	0	1	0	1	8
Hourly Total	3	2	0	5	3	2	0	5	1	2	0	3	13
3:00PM	0	1	0	1	1	0	0	1	0	2	0	2	4
3:15PM	0	0	0	0	1	1	0	2	0	2	0	2	4
3:30PM	1	0	0	1	4	1	0	5	1	4	0	5	11
3:45PM	0	0	0	0	0	1	0	1	1	1	0	2	3
Hourly Total	1	1	0	2	6	3	0	9	2	9	0	11	22
4:00PM	0	1	0	1	1	0	0	1	0	2	0	2	4
4:15PM	1	0	0	1	1	1	0	2	0	3	0	3	6
4:30PM	2	1	0	3	2	1	0	3	1	5	0	6	12
4:45PM	0	0	0	0	1	2	0	3	0	6	0	6	9
Hourly Total	3	2	0	5	5	4	0	9	1	16	0	17	31
5:00PM	1	0	0	1	1	0	0	1	0	1	0	1	3
5:15PM	0	1	0	1	2	1	0	3	0	1	0	1	5
5:30PM	1	1	0	2	2	3	0	5	1	1	0	2	9
5:45PM	0	0	0	0	0	0	0	0	0	1	0	1	1
Hourly Total	2	2	0	4	5	4	0	9	1	4	0	5	18
6:00PM	2	0	0	2	2	0	0	2	0	1	0	1	5
6:15PM	0	0	0	0	1	0	0	1	0	2	0	2	3
6:30PM	1	0	0	1	1	1	0	2	0	1	0	1	4
6:45PM	0	0	0	0	1	1	0	2	0	0	0	0	2
Hourly Total	3	0	0	3	5	2	0	7	0	4	0	4	14
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	15	8	0	23	30	16	0	46	6	37	0	43	112
% Approach	65.2%	34.8%	0%	-	65.2%	34.8%	0%	-	14.0%	86.0%	0%	-	-
% Total	13.4%	7.1%	0%	20.5%	26.8%	14.3%	0%	41.1%	5.4%	33.0%	0%	38.4%	-
Lights and Motorcycles	15	7	0	22	25	16	0	41	5	30	0	35	98
% Lights and Motorcycles	100%	87.5%	0%	95.7%	83.3%	100%	0%	89.1%	83.3%	81.1%	0%	81.4%	87.5%
Heavy	0	1	0	1	5	0	0	5	1	7	0	8	14
% Heavy	0%	12.5%	0%	4.3%	16.7%	0%	0%	10.9%	16.7%	18.9%	0%	18.6%	12.5%

*L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & DESHANE AVE - TMC

Tue Feb 19, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641175, Location: 40.058976, -85.934809, Site Code: i-89



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-02-19 7:30AM	2	0	0	2	0	0	0	0	0	0	0	0	2
7:45AM	0	0	0	0	0	0	0	0	0	1	0	1	1
8:00AM	0	1	0	1	2	0	0	2	1	1	0	2	5
8:15AM	3	1	0	4	1	2	0	3	0	1	0	1	8
Total	5	2	0	7	3	2	0	5	1	3	0	4	16
% Approach	71.4%	28.6%	0%	-	60.0%	40.0%	0%	-	25.0%	75.0%	0%	-	-
% Total	31.3%	12.5%	0%	43.8%	18.8%	12.5%	0%	31.3%	6.3%	18.8%	0%	25.0%	-
PHF	0.417	0.500	-	0.438	0.375	0.250	-	0.417	0.250	0.750	-	0.500	0.500
Lights and Motorcycles	5	2	0	7	2	2	0	4	1	2	0	3	14
% Lights and Motorcycles	100%	100%	0%	100%	66.7%	100%	0%	80.0%	100%	66.7%	0%	75.0%	87.5%
Heavy	0	0	0	0	1	0	0	1	0	1	0	1	2
% Heavy	0%	0%	0%	0%	33.3%	0%	0%	20.0%	0%	33.3%	0%	25.0%	12.5%

* L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & DESHANE AVE - TMC

Tue Feb 19, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641175, Location: 40.058976, -85.934809, Site Code: i-89



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-02-19 4:00PM	0	1	0	1	1	0	0	1	0	2	0	2	4
4:15PM	1	0	0	1	1	1	0	2	0	3	0	3	6
4:30PM	2	1	0	3	2	1	0	3	1	5	0	6	12
4:45PM	0	0	0	0	1	2	0	3	0	6	0	6	9
Total	3	2	0	5	5	4	0	9	1	16	0	17	31
% Approach	60.0%	40.0%	0%	-	55.6%	44.4%	0%	-	5.9%	94.1%	0%	-	-
% Total	9.7%	6.5%	0%	16.1%	16.1%	12.9%	0%	29.0%	3.2%	51.6%	0%	54.8%	-
PHF	0.375	0.500	-	0.417	0.625	0.500	-	0.750	0.250	0.667	-	0.708	0.646
Lights and Motorcycles	3	2	0	5	3	4	0	7	1	12	0	13	25
% Lights and Motorcycles	100%	100%	0%	100%	60.0%	100%	0%	77.8%	100%	75.0%	0%	76.5%	80.6%
Heavy	0	0	0	0	2	0	0	2	0	4	0	4	6
% Heavy	0%	0%	0%	0%	40.0%	0%	0%	22.2%	0%	25.0%	0%	23.5%	19.4%

* L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & PENNINGTON RD - TMC

Tue Feb 19, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641180, Location: 40.05902, -85.929344, Site Code: i-90



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-19																						
6:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45AM	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5	1	0	0	0	0	1	6
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	1	4	0	5	1	0	0	0	0	1	6
7:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2
7:15AM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	1	0	0	0	2	4
7:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45AM	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	4
Hourly Total	1	0	1	0	2	0	0	0	0	0	0	0	2	0	2	4	2	0	0	0	6	10
8:00AM	1	0	0	0	1	0	0	0	0	0	0	1	2	0	3	1	0	0	0	0	1	5
8:15AM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	1	0	0	0	2	4
Hourly Total	1	0	0	0	1	0	0	0	0	0	0	1	4	0	5	2	1	0	0	0	3	9
3:00PM	1	0	0	0	1	0	0	0	0	0	0	0	2	0	2	0	1	0	0	0	1	4
3:15PM	4	1	2	0	7	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	9
3:30PM	1	0	1	0	2	0	0	2	0	2	0	2	3	0	5	1	2	0	0	0	3	12
3:45PM	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	8
Hourly Total	9	1	6	0	16	0	0	2	0	2	0	3	5	0	8	4	3	0	0	0	7	33
4:00PM	0	0	1	0	1	0	0	0	0	0	0	1	2	0	3	1	1	0	0	0	2	6
4:15PM	4	0	0	0	4	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	5
4:30PM	4	0	2	0	6	0	1	0	0	1	1	1	2	0	4	0	1	0	0	0	1	12
4:45PM	5	1	0	0	6	0	0	1	0	1	0	0	1	0	1	1	0	1	0	0	2	10
Hourly Total	13	1	3	0	17	0	1	1	0	2	1	2	6	0	9	2	2	1	0	0	5	33
5:00PM	1	1	1	0	3	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	4
5:15PM	2	0	1	0	3	0	0	0	0	0	0	2	1	0	3	1	0	0	0	0	1	7
5:30PM	2	0	1	0	3	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	5
5:45PM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	6	1	3	0	10	0	0	0	0	0	0	3	3	0	6	1	0	0	0	0	1	17
6:00PM	2	0	0	0	2	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	4
6:15PM	2	0	0	0	2	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	1	4
6:30PM	1	0	2	0	3	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	4
6:45PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1
Hourly Total	5	0	2	0	7	0	0	0	0	0	2	1	2	0	5	0	0	1	0	0	1	13
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	35	3	15	0	53	0	1	3	0	4	3	11	26	0	40	14	8	2	0	24	121	
% Approach	66.0%	5.7%	28.3%	0%	-	0%	25.0%	75.0%	0%	-	7.5%	27.5%	65.0%	0%	-	58.3%	33.3%	8.3%	0%	-	-	-
% Total	28.9%	2.5%	12.4%	0%	43.8%	0%	0.8%	2.5%	0%	3.3%	2.5%	9.1%	21.5%	0%	33.1%	11.6%	6.6%	1.7%	0%	19.8%	-	-
Lights and Motorcycles	27	3	11	0	41	0	1	3	0	4	3	9	20	0	32	13	8	2	0	23	100	
% Lights and Motorcycles	77.1%	100%	73.3%	0%	77.4%	0%	100%	100%	0%	100%	100%	81.8%	76.9%	0%	80.0%	92.9%	100%	100%	0%	95.8%	82.6%	
Heavy	8	0	4	0	12	0	0	0	0	0	0	2	6	0	8	1	0	0	0	1	21	
% Heavy	22.9%	0%	26.7%	0%	22.6%	0%	0%	0%	0%	0%	0%	18.2%	23.1%	0%	20.0%	7.1%	0%	0%	0%	4.2%	17.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & PENNINGTON RD - TMC

Tue Feb 19, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641180, Location: 40.05902, -85.929344, Site Code: i-90



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-19 7:15AM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	1	1	0	0	2	4
7:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7:45AM	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	4
8:00AM	1	0	0	0	1	0	0	0	0	0	0	1	2	0	3	1	0	0	0	1	5
Total	2	0	1	0	3	0	0	0	0	0	0	1	4	0	5	3	2	0	0	5	13
% Approach	66.7%	0%	33.3%	0%	-	0%	0%	0%	0%	-	0%	20.0%	80.0%	0%	-	60.0%	40.0%	0%	0%	-	-
% Total	15.4%	0%	7.7%	0%	23.1%	0%	0%	0%	0%	0%	0%	7.7%	30.8%	0%	38.5%	23.1%	15.4%	0%	0%	38.5%	-
PHF	0.500	-	0.250	-	0.375	-	-	-	-	-	-	0.250	0.500	-	0.417	0.750	0.500	-	-	0.625	0.650
Lights and Motorcycles	1	0	1	0	2	0	0	0	0	0	0	1	4	0	5	3	2	0	0	5	12
% Lights and Motorcycles	50.0%	0%	100%	0%	66.7%	0%	0%	0%	0%	-	0%	100%	100%	0%	100%	100%	100%	0%	0%	100%	92.3%
Heavy	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
% Heavy	50.0%	0%	0%	0%	33.3%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	7.7%

*L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & PENNINGTON RD - TMC

Tue Feb 19, 2019

PM Peak (3:15 PM - 4:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641180, Location: 40.05902, -85.929344, Site Code: i-90



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-19 3:15PM	4	1	2	0	7	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	9	
3:30PM	1	0	1	0	2	0	0	2	0	2	0	2	3	0	5	1	2	0	0	3	12	
3:45PM	3	0	3	0	6	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2	8	
4:00PM	0	0	1	0	1	0	0	0	0	0	0	1	2	0	3	1	1	0	0	2	6	
Total	8	1	7	0	16	0	0	2	0	2	0	4	5	0	9	5	3	0	0	8	35	
% Approach	50.0%	6.3%	43.8%	0%	-	0% 0% 100% 0%	-	0% 44.4%	55.6%	0%	-	62.5%	37.5%	0%	0%	-	-	-	-	-	-	-
% Total	22.9%	2.9%	20.0%	0%	45.7%	0% 0% 5.7%	0%	5.7%	0%	5.7%	0% 11.4%	14.3%	0%	25.7%	14.3%	8.6%	0%	0%	22.9%	-		
PHF	0.500	0.250	0.583	-	0.571	-	-0.250	-0.250	-	-0.250	-	0.500	0.417	-0.450	0.625	0.375	-	-	0.667	0.729		
Lights and Motorcycles	3	1	3	0	7	0	0	2	0	2	0	3	3	0	6	5	3	0	0	8	23	
% Lights and Motorcycles	37.5%	100%	42.9%	0%	43.8%	0% 0% 100% 0%	100%	100%	0%	100%	0% 75.0%	60.0%	0%	66.7%	100%	100%	0%	0%	100%	65.7%		
Heavy	5	0	4	0	9	0	0	0	0	0	0	1	2	0	3	0	0	0	0	0	12	
% Heavy	62.5%	0%	57.1%	0%	56.3%	0% 0%	0%	0%	0%	0%	0% 25.0%	40.0%	0%	33.3%	0%	0%	0%	0%	0%	34.3%		

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(91) 186th Street & Durbin Road
5/8/2019
AF/SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1	3		4					5	23		28
SOUTHBOUND		16	2	18						17	0	17
EASTBOUND	0		6	6					2		6	8

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.33				0.64	
SOUTHBOUND	0.90	0.78			0.71	0.74
EASTBOUND	0.38				0.50	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%		0.0%					0.0%	4.3%		3.6%
SOUTHBOUND		6.3%	50.0%	11.1%						23.5%	0.0%	23.5%
EASTBOUND	0.0%		16.7%	16.7%					50.0%		16.7%	25.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	7	7	5		5	12
7:00 AM	TO	8:00 AM	4	17	21	2		2	23
8:00 AM	TO	9:00 AM	3	7	10	1		1	11
3:00 PM	TO	4:00 PM	28	17	45	8		8	53
4:00 PM	TO	5:00 PM	21	12	33	6		6	39
5:00 PM	TO	6:00 PM	33	10	43	3		3	46
6:00 PM	TO	7:00 PM	17	12	29	2		2	31
TOTAL VOLUME			106	82	188	27		27	215
PERCENTAGE			49.3%	38.1%	87.4%	12.6%		12.6%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(91) 186th Street & Durbin Road
5/8/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0				0	0	0
7:00 AM - 8:00 AM	1	0	1	3	0	3				4	0	4
8:00 AM - 9:00 AM	0	0	0	3	0	3				3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	0	5	22	1	23				27	1	28
4:00 PM - 5:00 PM	4	0	4	17	0	17				21	0	21
5:00 PM - 6:00 PM	7	1	8	23	2	25				30	3	33
6:00 PM - 7:00 PM	1	0	1	15	1	16				16	1	17
PASSENGER	18 94.7%			83 95.4%						101 95.3%		
TRUCK	1 5.3%			4 4.6%						5 4.7%		
BOTH	19 17.9%			87 82.1%						106 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				6	0	6	0	1	1	6	1	7
7:00 AM - 8:00 AM				15	1	16	1	0	1	16	1	17
8:00 AM - 9:00 AM				6	1	7	0	0	0	6	1	7
PM TIME PERIOD												
3:00 PM - 4:00 PM				13	4	17	0	0	0	13	4	17
4:00 PM - 5:00 PM				10	1	11	1	0	1	11	1	12
5:00 PM - 6:00 PM				8	0	8	2	0	2	10	0	10
6:00 PM - 7:00 PM				9	0	9	2	1	3	11	1	12
PASSENGER				67 90.5%			6 75.0%			73 89.0%		
TRUCK				7 9.5%			2 25.0%			9 11.0%		
BOTH				74 90.2%			8 9.8%			82 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				4	1	5	4	1	5
7:00 AM - 8:00 AM	0	0	0				2	0	2	2	0	2
8:00 AM - 9:00 AM	0	0	0				1	0	1	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	1	2				5	1	6	6	2	8
4:00 PM - 5:00 PM	1	0	1				5	0	5	6	0	6
5:00 PM - 6:00 PM	0	0	0				3	0	3	3	0	3
6:00 PM - 7:00 PM	0	0	0				2	0	2	2	0	2
PASSENGER	2 66.7%						22 91.7%			24 88.9%		
TRUCK	1 33.3%						2 8.3%			3 11.1%		
BOTH	3 11.1%						24 88.9%			27 100.0%		

SR 32 & CYNTHIANNE - TMC

Thu Sep 20, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565509, Location: 40.061491, -85.882058



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-20																					
3:00PM	7	3	4	0	14	0	2	1	0	3	2	64	5	0	71	0	21	0	0	21	109
3:15PM	3	7	6	0	16	0	3	1	0	4	1	75	2	0	78	4	46	1	0	51	149
3:30PM	4	2	3	0	9	0	3	2	0	5	0	75	3	0	78	4	56	0	0	60	152
3:45PM	2	0	6	0	8	0	3	2	0	5	1	77	4	0	82	3	36	0	0	39	134
Hourly Total	16	12	19	0	47	0	11	6	0	17	4	291	14	0	309	11	159	1	0	171	544
4:00PM	5	2	4	0	11	0	0	0	0	0	3	101	6	0	110	2	44	0	0	46	167
4:15PM	2	2	5	0	9	1	3	2	0	6	2	94	3	0	99	2	50	1	0	53	167
4:30PM	4	3	5	0	12	1	2	3	0	6	0	87	3	0	90	3	54	0	0	57	165
4:45PM	5	2	6	0	13	1	6	1	0	8	0	111	5	0	116	3	49	0	0	52	189
Hourly Total	16	9	20	0	45	3	11	6	0	20	5	393	17	0	415	10	197	1	0	208	688
5:00PM	1	4	5	0	10	0	4	4	0	8	3	87	7	0	97	3	48	0	0	51	166
5:15PM	5	2	3	0	10	0	3	3	0	6	2	123	7	0	132	2	60	0	0	62	210
5:30PM	2	2	5	0	9	0	4	0	0	4	1	107	6	0	114	3	47	0	0	50	177
5:45PM	3	2	7	0	12	0	3	1	0	4	1	98	5	0	104	2	54	0	0	56	176
Hourly Total	11	10	20	0	41	0	14	8	0	22	7	415	25	0	447	10	209	0	0	219	729
6:00PM	1	2	6	0	9	0	0	0	0	0	4	77	6	0	87	3	40	0	0	43	139
6:15PM	6	3	4	0	13	0	3	0	0	3	0	84	5	0	89	3	43	0	0	46	151
6:30PM	3	2	5	0	10	0	1	0	0	1	2	73	5	0	80	5	30	0	0	35	126
6:45PM	4	5	0	0	9	0	0	0	0	0	4	59	2	0	65	1	30	0	0	31	105
Hourly Total	14	12	15	0	41	0	4	0	0	4	10	293	18	0	321	12	143	0	0	155	521
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-21																					
6:30AM	4	0	1	0	5	0	0	2	0	2	1	16	3	0	20	6	124	0	0	130	157
6:45AM	5	1	2	0	8	0	5	2	0	7	1	29	3	0	33	8	96	0	0	104	152
Hourly Total	9	1	3	0	13	0	5	4	0	9	2	45	6	0	53	14	220	0	0	234	309
7:00AM	6	3	1	0	10	0	3	2	0	5	0	27	0	0	27	2	108	0	0	110	152
7:15AM	6	4	0	0	10	0	2	0	0	2	0	27	0	0	27	3	95	0	0	98	137
7:30AM	9	2	3	0	14	0	6	2	0	8	2	30	3	0	35	5	100	1	0	106	163
7:45AM	4	4	2	0	10	0	2	2	0	4	0	47	6	0	53	9	102	0	0	111	178
Hourly Total	25	13	6	0	44	0	13	6	0	19	2	131	9	0	142	19	405	1	0	425	630
8:00AM	5	3	2	0	10	0	2	1	0	3	1	38	2	0	41	0	64	0	0	64	118
8:15AM	5	3	3	0	11	0	2	2	0	4	0	31	2	0	33	2	52	0	0	54	102
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	10	6	5	0	21	0	4	3	0	7	1	69	4	0	74	2	116	0	0	118	220
Total	101	63	88	0	252	3	62	33	0	98	31	1637	93	0	1761	78	1449	3	0	1530	3641
% Approach	40.1%	25.0%	34.9%	0%	-	3.1%	63.3%	33.7%	0%	-	1.8%	93.0%	5.3%	0%	-	5.1%	94.7%	0.2%	0%	-	-
% Total	2.8%	1.7%	2.4%	0%	6.9%	0.1%	1.7%	0.9%	0%	2.7%	0.9%	45.0%	2.6%	0%	48.4%	2.1%	39.8%	0.1%	0%	42.0%	-
Lights and Motorcycles	99	59	85	0	243	2	58	30	0	90	28	1594	93	0	1715	74	1416	2	0	1492	3540
% Lights and Motorcycles	98.0%	93.7%	96.6%	0%	96.4%	66.7%	93.5%	90.9%	0%	91.8%	90.3%	97.4%	100%	0%	97.4%	94.9%	97.7%	66.7%	0%	97.5%	97.2%
Heavy	2	4	3	0	9	1	4	3	0	8	3	43	0	0	46	4	33	1	0	38	101
% Heavy	2.0%	6.3%	3.4%	0%	3.6%	33.3%	6.5%	9.1%	0%	8.2%	9.7%	2.6%	0%	0%	2.6%	5.1%	2.3%	33.3%	0%	2.5%	2.8%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & CYNTHEANNE - TMC

Fri Sep 21, 2018

AM Peak (Sep 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565509, Location: 40.061491, -85.882058



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-21																						
7:00AM	6	3	1	0	10	0	3	2	0	5	0	27	0	0	27	2	108	0	0	110	152	
7:15AM	6	4	0	0	10	0	2	0	0	2	0	27	0	0	27	3	95	0	0	98	137	
7:30AM	9	2	3	0	14	0	6	2	0	8	2	30	3	0	35	5	100	1	0	106	163	
7:45AM	4	4	2	0	10	0	2	2	0	4	0	47	6	0	53	9	102	0	0	111	178	
Total	25	13	6	0	44	0	13	6	0	19	2	131	9	0	142	19	405	1	0	425	630	
% Approach	56.8%	29.5%	13.6%	0%	-	0%	68.4%	31.6%	0%	-	1.4%	92.3%	6.3%	0%	-	4.5%	95.3%	0.2%	0%	-	-	
% Total	4.0%	2.1%	1.0%	0%	7.0%	0%	2.1%	1.0%	0%	3.0%	0.3%	20.8%	1.4%	0%	22.5%	3.0%	64.3%	0.2%	0%	67.5%	-	
PHF	0.694	0.813	0.500	-	0.786	-	0.542	0.750	-	0.594	0.250	0.697	0.375	-	0.670	0.528	0.938	0.250	-	0.957	0.885	
Lights and Motorcycles	25	12	6	0	43	0	13	5	0	18	2	127	9	0	138	19	392	1	0	412	611	
% Lights and Motorcycles	100%	92.3%	100%	0%	97.7%	0%	100%	83.3%	0%	94.7%	100%	96.9%	100%	0%	97.2%	100%	96.8%	100%	0%	96.9%	97.0%	
Heavy	0	1	0	0	1	0	0	1	0	1	0	4	0	0	4	0	13	0	0	13	19	
% Heavy	0%	7.7%	0%	0%	2.3%	0%	0%	16.7%	0%	5.3%	0%	3.1%	0%	0%	2.8%	0%	3.2%	0%	0%	3.1%	3.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & CYNTHEANNE - TMC

Thu Sep 20, 2018

PM Peak (Sep 20 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565509, Location: 40.061491, -85.882058



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-20 4:45PM	5	2	6	0	13	1	6	1	0	8	0	111	5	0	116	3	49	0	0	52	189
5:00PM	1	4	5	0	10	0	4	4	0	8	3	87	7	0	97	3	48	0	0	51	166
5:15PM	5	2	3	0	10	0	3	3	0	6	2	123	7	0	132	2	60	0	0	62	210
5:30PM	2	2	5	0	9	0	4	0	0	4	1	107	6	0	114	3	47	0	0	50	177
Total	13	10	19	0	42	1	17	8	0	26	6	428	25	0	459	11	204	0	0	215	742
% Approach	31.0%	23.8%	45.2%	0%	-	3.8%	65.4%	30.8%	0%	-	1.3%	93.2%	5.4%	0%	-	5.1%	94.9%	0%	0%	-	-
% Total	1.8%	1.3%	2.6%	0%	5.7%	0.1%	2.3%	1.1%	0%	3.5%	0.8%	57.7%	3.4%	0%	61.9%	1.5%	27.5%	0%	0%	29.0%	-
PHF	0.650	0.625	0.792	-	0.808	0.250	0.708	0.500	-	0.813	0.500	0.870	0.893	-	0.869	0.917	0.850	-	-	0.867	0.883
Lights and Motorcycles	13	10	19	0	42	1	15	8	0	24	6	420	25	0	451	11	201	0	0	212	729
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	88.2%	100%	0%	92.3%	100%	98.1%	100%	0%	98.3%	100%	98.5%	0%	0%	98.6%	98.2%
Heavy	0	0	0	0	0	0	2	0	0	2	0	8	0	0	8	0	3	0	0	3	13
% Heavy	0%	0%	0%	0%	0%	0%	11.8%	0%	0%	7.7%	0%	1.9%	0%	0%	1.7%	0%	1.5%	0%	0%	1.4%	1.8%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(93) 186th Street & Atlantic Road
4/17/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0	7	3	10					0	15	9	24
SOUTHBOUND	8	23	4	35					11	9	0	20
EASTBOUND	1	46	1	48					9	129	0	138
WESTBOUND	1	97	1	99					1	70	8	79

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.63				0.67	
SOUTHBOUND	0.67	0.87			0.71	0.92
EASTBOUND	0.60				0.91	
WESTBOUND	0.92				0.79	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	6.7%	0.0%	4.2%
SOUTHBOUND	12.5%	13.0%	25.0%	14.3%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	100.0%	2.2%	0.0%	4.2%					33.3%	0.8%	0.0%	2.9%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	1.4%	0.0%	1.3%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	15	15	27	16	43	58
7:00 AM	TO	8:00 AM	10	35	45	48	99	147	192
8:00 AM	TO	9:00 AM	4	14	18	22	60	82	100
3:00 PM	TO	4:00 PM	18	20	38	71	95	166	204
4:00 PM	TO	5:00 PM	24	20	44	138	79	217	261
5:00 PM	TO	6:00 PM	17	18	35	111	80	191	226
6:00 PM	TO	7:00 PM	19	16	35	65	63	128	163
TOTAL VOLUME			92	138	230	482	492	974	1204
PERCENTAGE			7.6%	11.5%	19.1%	40.0%	40.9%	80.9%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(93) 186th Street & Atlantic Road
4/17/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0	7	0	7	3	0	3	10	0	10
8:00 AM - 9:00 AM	0	0	0	3	0	3	1	0	1	4	0	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	1	2	10	1	11	3	2	5	14	4	18
4:00 PM - 5:00 PM	0	0	0	14	1	15	9	0	9	23	1	24
5:00 PM - 6:00 PM	1	0	1	13	1	14	2	0	2	16	1	17
6:00 PM - 7:00 PM	1	0	1	9	2	11	7	0	7	17	2	19
PASSENGER	3 75.0%			56 91.8%			25 92.6%			84 91.3%		
TRUCK	1 25.0%			5 8.2%			2 7.4%			8 8.7%		
BOTH	4 4.3%			61 66.3%			27 29.3%			92 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	3	0	3	8	4	12	0	0	0	11	4	15
7:00 AM - 8:00 AM	7	1	8	20	3	23	3	1	4	30	5	35
8:00 AM - 9:00 AM	8	0	8	6	0	6	0	0	0	14	0	14
PM TIME PERIOD												
3:00 PM - 4:00 PM	7	1	8	11	0	11	1	0	1	19	1	20
4:00 PM - 5:00 PM	11	0	11	9	0	9	0	0	0	20	0	20
5:00 PM - 6:00 PM	9	0	9	6	0	6	3	0	3	18	0	18
6:00 PM - 7:00 PM	8	3	11	5	0	5	0	0	0	13	3	16
PASSENGER	53 91.4%			65 90.3%			7 87.5%			125 90.6%		
TRUCK	5 8.6%			7 9.7%			1 12.5%			13 9.4%		
BOTH	58 42.0%			72 52.2%			8 5.8%			138 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	25	0	25	0	2	2	25	2	27
7:00 AM - 8:00 AM	0	1	1	45	1	46	1	0	1	46	2	48
8:00 AM - 9:00 AM	1	2	3	19	0	19	0	0	0	20	2	22
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	66	1	67	2	0	2	70	1	71
4:00 PM - 5:00 PM	6	3	9	128	1	129	0	0	0	134	4	138
5:00 PM - 6:00 PM	3	0	3	107	0	107	1	0	1	111	0	111
6:00 PM - 7:00 PM	4	0	4	61	0	61	0	0	0	65	0	65
PASSENGER	16 72.7%			451 99.3%			4 66.7%			471 97.7%		
TRUCK	6 27.3%			3 0.7%			2 33.3%			11 2.3%		
BOTH	22 4.6%			454 94.2%			6 1.2%			482 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	13	0	13	3	0	3	16	0	16
7:00 AM - 8:00 AM	1	0	1	97	0	97	1	0	1	99	0	99
8:00 AM - 9:00 AM	0	0	0	52	0	52	8	0	8	60	0	60
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	84	0	84	11	0	11	95	0	95
4:00 PM - 5:00 PM	1	0	1	69	1	70	8	0	8	78	1	79
5:00 PM - 6:00 PM	2	0	2	72	2	74	4	0	4	78	2	80
6:00 PM - 7:00 PM	0	0	0	60	0	60	2	1	3	62	1	63
PASSENGER	4 100.0%			447 99.3%			37 97.4%			488 99.2%		
TRUCK	0 0.0%			3 0.7%			1 2.6%			4 0.8%		
BOTH	4 0.8%			450 91.5%			38 7.7%			492 100.0%		

186TH ST & CYNTHEANNE RD - TMC

Wed May 15, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656580, Location: 40.059681, -85.882006, Site Code: i-94



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15																					
6:30AM	0	3	1	0	4	5	3	0	0	8	0	1	0	0	1	1	15	18	0	34	47
6:45AM	0	4	0	0	4	4	10	1	0	15	2	6	1	0	9	1	12	8	0	21	49
Hourly Total	0	7	1	0	8	9	13	1	0	23	2	7	1	0	10	2	27	26	0	55	96
7:00AM	1	5	0	0	6	3	3	3	0	9	0	4	0	0	4	1	13	12	0	26	45
7:15AM	0	10	0	0	10	4	3	3	0	10	3	4	0	0	7	2	11	10	0	23	50
7:30AM	0	10	1	0	11	5	4	1	0	10	1	6	0	0	7	0	11	15	0	26	54
7:45AM	0	7	0	0	7	5	6	5	0	16	1	3	0	0	4	0	15	14	0	29	56
Hourly Total	1	32	1	0	34	17	16	12	0	45	5	17	0	0	22	3	50	51	0	104	205
8:00AM	0	2	0	0	2	1	4	2	0	7	0	10	0	0	10	0	12	9	0	21	40
8:15AM	1	2	0	0	3	3	5	2	0	10	2	6	0	0	8	2	20	11	0	33	54
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	4	0	0	5	4	9	4	0	17	2	16	0	0	18	2	32	20	0	54	94
3:00PM	0	4	0	0	4	5	5	1	0	11	1	16	0	0	17	1	10	9	0	20	52
3:15PM	0	5	1	0	6	5	1	3	0	9	3	6	0	0	9	0	8	9	0	17	41
3:30PM	1	6	1	0	8	10	7	1	0	18	1	21	0	0	22	1	9	6	0	16	64
3:45PM	0	8	0	0	8	20	7	1	0	28	4	19	0	0	23	0	7	8	0	15	74
Hourly Total	1	23	2	0	26	40	20	6	0	66	9	62	0	0	71	2	34	32	0	68	231
4:00PM	0	5	2	0	7	14	4	2	0	20	0	19	0	0	19	1	10	8	0	19	65
4:15PM	0	14	3	0	17	8	1	0	0	9	1	26	0	0	27	0	10	15	0	25	78
4:30PM	0	7	0	0	7	11	2	4	0	17	3	18	0	0	21	2	9	10	0	21	66
4:45PM	0	4	3	0	7	10	7	1	0	18	2	18	0	0	20	0	11	11	0	22	67
Hourly Total	0	30	8	0	38	43	14	7	0	64	6	81	0	0	87	3	40	44	0	87	276
5:00PM	0	6	1	0	7	15	3	5	0	23	6	13	0	0	19	2	7	13	0	22	71
5:15PM	1	12	1	0	14	19	5	1	0	25	4	20	0	0	24	2	5	6	0	13	76
5:30PM	0	4	0	0	4	13	10	1	0	24	3	34	0	0	37	0	9	9	0	18	83
5:45PM	0	4	0	0	4	8	2	0	0	10	4	11	0	0	15	2	7	10	0	19	48
Hourly Total	1	26	2	0	29	55	20	7	0	82	17	78	0	0	95	6	28	38	0	72	278
6:00PM	0	5	1	0	6	11	6	1	0	18	2	6	0	0	8	0	4	10	0	14	46
6:15PM	0	0	1	0	1	10	4	0	0	14	2	15	0	0	17	1	12	6	0	19	51
6:30PM	0	5	0	0	5	6	2	0	0	8	7	13	0	0	20	1	2	5	0	8	41
6:45PM	0	3	0	0	3	5	3	1	0	9	0	10	0	0	10	4	5	7	0	16	38
Hourly Total	0	13	2	0	15	32	15	2	0	49	11	44	0	0	55	6	23	28	0	57	176
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	4	135	16	0	155	200	107	39	0	346	52	305	1	0	358	24	234	239	0	497	1356
% Approach	2.6%	87.1%	10.3%	0%	-	57.8%	30.9%	11.3%	0%	-	14.5%	85.2%	0.3%	0%	-	4.8%	47.1%	48.1%	0%	-	-
% Total	0.3%	10.0%	1.2%	0%	11.4%	14.7%	7.9%	2.9%	0%	25.5%	3.8%	22.5%	0.1%	0%	26.4%	1.8%	17.3%	17.6%	0%	36.7%	-
Lights and Motorcycles	4	126	16	0	146	198	103	39	0	340	48	299	0	0	347	23	230	235	0	488	1321
% Lights and Motorcycles	100%	93.3%	100%	0%	94.2%	99.0%	96.3%	100%	0%	98.3%	92.3%	98.0%	0%	0%	96.9%	95.8%	98.3%	98.3%	0%	98.2%	97.4%
Heavy	0	9	0	0	9	2	4	0	0	6	4	6	1	0	11	1	4	4	0	9	35
% Heavy	0%	6.7%	0%	0%	5.8%	1.0%	3.7%	0%	0%	1.7%	7.7%	2.0%	100%	0%	3.1%	4.2%	1.7%	1.7%	0%	1.8%	2.6%

* L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & CYNTHEANNE RD - TMC

Wed May 15, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656580, Location: 40.059681, -85.882006, Site Code: i-94



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-05-15 7:00AM	1	5	0	0	6	3	3	3	0	9	0	4	0	0	4	1	13	12	0	26	45
7:15AM	0	10	0	0	10	4	3	3	0	10	3	4	0	0	7	2	11	10	0	23	50
7:30AM	0	10	1	0	11	5	4	1	0	10	1	6	0	0	7	0	11	15	0	26	54
7:45AM	0	7	0	0	7	5	6	5	0	16	1	3	0	0	4	0	15	14	0	29	56
Total	1	32	1	0	34	17	16	12	0	45	5	17	0	0	22	3	50	51	0	104	205
% Approach	2.9%	94.1%	2.9%	0%	-	37.8%	35.6%	26.7%	0%	-	22.7%	77.3%	0%	0%	-	2.9%	48.1%	49.0%	0%	-	-
% Total	0.5%	15.6%	0.5%	0%	16.6%	8.3%	7.8%	5.9%	0%	22.0%	2.4%	8.3%	0%	0%	10.7%	1.5%	24.4%	24.9%	0%	50.7%	-
PHF	0.250	0.800	0.250	-	0.773	0.850	0.667	0.600	-	0.703	0.417	0.708	-	-	0.786	0.375	0.833	0.850	-	0.897	0.915
Lights and Motorcycles	1	29	1	0	31	17	16	12	0	45	5	17	0	0	22	3	50	50	0	103	201
% Lights and Motorcycles	100%	90.6%	100%	0%	91.2%	100%	100%	100%	0%	100%	100%	100%	0%	0%	100%	100%	100%	98.0%	0%	99.0%	98.0%
Heavy	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	4
% Heavy	0%	9.4%	0%	0%	8.8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.0%	0%	1.0%	2.0%

*L: Left, R: Right, T: Thru, U: U-Turn

186TH ST & CYNTHEANNE RD - TMC

Wed May 15, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656580, Location: 40.059681, -85.882006, Site Code: i-94



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15 4:45PM	0	4	3	0	7	10	7	1	0	18	2	18	0	0	20	0	11	11	0	22	67
5:00PM	0	6	1	0	7	15	3	5	0	23	6	13	0	0	19	2	7	13	0	22	71
5:15PM	1	12	1	0	14	19	5	1	0	25	4	20	0	0	24	2	5	6	0	13	76
5:30PM	0	4	0	0	4	13	10	1	0	24	3	34	0	0	37	0	9	9	0	18	83
Total	1	26	5	0	32	57	25	8	0	90	15	85	0	0	100	4	32	39	0	75	297
% Approach	3.1%	81.3%	15.6%	0%	-	63.3%	27.8%	8.9%	0%	-	15.0%	85.0%	0%	0%	-	5.3%	42.7%	52.0%	0%	-	-
% Total	0.3%	8.8%	1.7%	0%	10.8%	19.2%	8.4%	2.7%	0%	30.3%	5.1%	28.6%	0%	0%	33.7%	1.3%	10.8%	13.1%	0%	25.3%	-
PHF	0.250	0.542	0.417	-	0.571	0.750	0.625	0.400	-	0.900	0.625	0.625	-	-	0.676	0.500	0.727	0.750	-	0.852	0.895
Lights and Motorcycles	1	26	5	0	32	57	25	8	0	90	15	85	0	0	100	4	32	39	0	75	297
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	0%	0%	100%	100%	100%	100%	0%	100%	100%
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PRAIRIE BAPTIST RD - TMC

Thu Sep 20, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565483, Location: 40.057774, -85.900934



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2018-09-20																									
3:00PM	0	8	10	0	18	0	7	4	0	11	2	76	0	0	78	0	40	0	0	40					147
3:15PM	2	9	6	0	17	0	1	1	0	2	3	69	1	0	73	2	45	1	0	48					140
3:30PM	0	3	3	0	6	0	4	3	0	7	0	82	2	0	84	6	54	0	0	60					157
3:45PM	1	7	10	0	18	1	3	0	0	4	3	77	2	0	82	3	38	1	0	42					146
Hourly Total	3	27	29	0	59	1	15	8	0	24	8	304	5	0	317	11	177	2	0	190					590
4:00PM	0	4	3	0	7	0	3	2	0	5	2	108	0	0	110	4	44	0	0	48					170
4:15PM	0	7	5	0	12	0	1	3	0	4	1	93	0	0	94	4	51	0	0	55					165
4:30PM	0	10	15	0	25	1	5	1	0	7	1	92	0	0	93	2	57	1	0	60					185
4:45PM	1	4	12	0	17	0	2	1	0	3	2	100	2	0	104	4	54	0	0	58					182
Hourly Total	1	25	35	0	61	1	11	7	0	19	6	393	2	0	401	14	206	1	0	221					702
5:00PM	0	6	9	0	15	0	5	2	0	7	1	87	0	0	88	2	54	0	0	56					166
5:15PM	1	8	8	0	17	2	7	0	0	9	1	133	0	0	134	3	63	1	0	67					227
5:30PM	0	5	11	0	16	0	8	1	0	9	2	92	4	0	98	1	45	2	0	48					171
5:45PM	2	5	4	0	11	1	2	1	0	4	3	90	2	0	95	5	49	0	0	54					164
Hourly Total	3	24	32	0	59	3	22	4	0	29	7	402	6	0	415	11	211	3	0	225					728
6:00PM	0	5	9	0	14	2	1	1	0	4	1	88	1	0	90	0	38	2	0	40					148
6:15PM	0	6	5	0	11	2	2	0	0	4	0	91	5	0	96	1	50	1	0	52					163
6:30PM	0	3	9	0	12	0	2	1	0	3	1	60	1	0	62	2	25	0	0	27					104
6:45PM	0	3	2	0	5	0	3	2	0	5	0	62	0	0	62	1	38	0	0	39					111
Hourly Total	0	17	25	0	42	4	8	4	0	16	2	301	7	0	310	4	151	3	0	158					526
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0					0
2018-09-21																									
6:30AM	0	2	3	0	5	0	8	0	0	8	0	25	0	0	25	7	105	1	0	113					151
6:45AM	0	0	2	0	2	0	9	1	0	10	0	22	0	0	22	8	94	0	0	102					136
Hourly Total	0	2	5	0	7	0	17	1	0	18	0	47	0	0	47	15	199	1	0	215					287
7:00AM	0	5	2	0	7	0	6	0	0	6	0	33	0	0	33	7	115	0	0	122					168
7:15AM	1	3	2	0	6	0	3	0	0	3	0	21	0	0	21	8	89	0	0	97					127
7:30AM	1	4	4	0	9	0	13	3	0	16	0	38	0	0	38	6	119	0	0	125					188
7:45AM	2	5	3	0	10	1	6	4	0	11	0	49	0	0	49	11	81	1	0	93					163
Hourly Total	4	17	11	0	32	1	28	7	0	36	0	141	0	0	141	32	404	1	0	437					646
8:00AM	0	0	3	0	3	1	4	2	0	7	1	33	0	0	34	4	68	0	0	72					116
8:15AM	1	2	3	0	6	0	6	2	0	8	1	31	3	0	35	3	56	1	0	60					109
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1					1
Hourly Total	1	2	6	0	9	1	10	4	0	15	2	64	3	0	69	7	125	1	0	133					226
Total	12	114	143	0	269	11	111	35	0	157	25	1652	23	0	1700	94	1473	12	0	1579					3705
% Approach	4.5%	42.4%	53.2%	0%	-	7.0%	70.7%	22.3%	0%	-	1.5%	97.2%	1.4%	0%	-	6.0%	93.3%	0.8%	0%	-					-
% Total	0.3%	3.1%	3.9%	0%	7.3%	0.3%	3.0%	0.9%	0%	4.2%	0.7%	44.6%	0.6%	0%	45.9%	2.5%	39.8%	0.3%	0%	42.6%					-
Lights and Motorcycles	12	108	141	0	261	11	107	33	0	151	25	1611	23	0	1659	86	1438	10	0	1534					3605
% Lights and Motorcycles	100%	94.7%	98.6%	0%	97.0%	100%	96.4%	94.3%	0%	96.2%	100%	97.5%	100%	0%	97.6%	91.5%	97.6%	83.3%	0%	97.2%					97.3%
Heavy	0	6	2	0	8	0	4	2	0	6	0	41	0	0	41	8	35	2	0	45					100
% Heavy	0%	5.3%	1.4%	0%	3.0%	0%	3.6%	5.7%	0%	3.8%	0%	2.5%	0%	0%	2.4%	8.5%	2.4%	16.7%	0%	2.8%					2.7%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PRAIRIE BAPTIST RD - TMC

Fri Sep 21, 2018

AM Peak (Sep 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565483, Location: 40.057774, -85.900934



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-21 7:00AM	0	5	2	0	7	0	6	0	0	6	0	33	0	0	33	7	115	0	0	122	168
7:15AM	1	3	2	0	6	0	3	0	0	3	0	21	0	0	21	8	89	0	0	97	127
7:30AM	1	4	4	0	9	0	13	3	0	16	0	38	0	0	38	6	119	0	0	125	188
7:45AM	2	5	3	0	10	1	6	4	0	11	0	49	0	0	49	11	81	1	0	93	163
Total	4	17	11	0	32	1	28	7	0	36	0	141	0	0	141	32	404	1	0	437	646
% Approach	12.5%	53.1%	34.4%	0%	-	2.8%	77.8%	19.4%	0%	-	0%	100%	0%	0%	-	7.3%	92.4%	0.2%	0%	-	-
% Total	0.6%	2.6%	1.7%	0%	5.0%	0.2%	4.3%	1.1%	0%	5.6%	0%	21.8%	0%	0%	21.8%	5.0%	62.5%	0.2%	0%	67.6%	-
PHF	0.500	0.850	0.688	-	0.800	0.250	0.538	0.438	-	0.563	-	0.719	-	-	0.719	0.727	0.849	0.250	-	0.874	0.859
Lights and Motorcycles	4	17	11	0	32	1	27	7	0	35	0	137	0	0	137	31	390	1	0	422	626
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	96.4%	100%	0%	97.2%	0%	97.2%	0%	0%	97.2%	96.9%	96.5%	100%	0%	96.6%	96.9%
Heavy	0	0	0	0	0	0	1	0	0	1	0	4	0	0	4	1	14	0	0	15	20
% Heavy	0%	0%	0%	0%	0%	0%	3.6%	0%	0%	2.8%	0%	2.8%	0%	0%	2.8%	3.1%	3.5%	0%	0%	3.4%	3.1%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PRAIRIE BAPTIST RD - TMC

Thu Sep 20, 2018

PM Peak (Sep 20 2018 4:30PM - 5:30PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565483, Location: 40.057774, -85.900934



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-20																						
4:30PM	0	10	15	0	25	1	5	1	0	7	1	92	0	0	93	2	57	1	0	60	185	
4:45PM	1	4	12	0	17	0	2	1	0	3	2	100	2	0	104	4	54	0	0	58	182	
5:00PM	0	6	9	0	15	0	5	2	0	7	1	87	0	0	88	2	54	0	0	56	166	
5:15PM	1	8	8	0	17	2	7	0	0	9	1	133	0	0	134	3	63	1	0	67	227	
Total	2	28	44	0	74	3	19	4	0	26	5	412	2	0	419	11	228	2	0	241	760	
% Approach	2.7%	37.8%	59.5%	0%	-	11.5%	73.1%	15.4%	0%	-	1.2%	98.3%	0.5%	0%	-	4.6%	94.6%	0.8%	0%	-	-	
% Total	0.3%	3.7%	5.8%	0%	9.7%	0.4%	2.5%	0.5%	0%	3.4%	0.7%	54.2%	0.3%	0%	55.1%	1.4%	30.0%	0.3%	0%	31.7%	-	
PHF	0.500	0.700	0.733	-	0.740	0.375	0.679	0.500	-	0.722	0.625	0.774	0.250	-	0.782	0.688	0.905	0.500	-	0.899	0.837	
Lights and Motorcycles	2	28	44	0	74	3	19	4	0	26	5	398	2	0	405	11	226	2	0	239	744	
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	96.6%	100%	0%	96.7%	100%	99.1%	100%	0%	99.2%	97.9%	
Heavy	0	0	0	0	0	0	0	0	0	0	0	14	0	0	14	0	2	0	0	2	16	
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	3.4%	0%	0%	3.3%	0%	0.9%	0%	0%	0.8%	2.1%	

*L: Left, R: Right, T: Thru, U: U-Turn

MIDDLETOWN AVE & PRAIRIE BAPTIST RD - TMC

Wed May 15, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656573, Location: 40.053816, -85.900912, Site Code: i-96



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15																					
6:30AM	1	3	0	0	4	0	14	2	0	16	3	2	0	0	5	0	16	0	0	16	41
6:45AM	0	6	0	0	6	2	15	2	0	19	2	4	0	0	6	3	14	0	0	17	48
Hourly Total	1	9	0	0	10	2	29	4	0	35	5	6	0	0	11	3	30	0	0	33	89
7:00AM	0	2	0	0	2	0	11	1	0	12	1	6	0	0	7	2	13	1	0	16	37
7:15AM	1	4	0	0	5	0	14	3	0	17	0	5	0	0	5	7	13	0	0	20	47
7:30AM	0	8	1	0	9	0	16	3	0	19	3	8	0	0	11	1	9	0	0	10	49
7:45AM	0	5	1	0	6	0	12	6	0	18	2	4	0	0	6	5	18	0	0	23	53
Hourly Total	1	19	2	0	22	0	53	13	0	66	6	23	0	0	29	15	53	1	0	69	186
8:00AM	0	3	1	0	4	2	11	0	0	13	2	7	0	0	9	2	9	0	0	11	37
8:15AM	0	6	2	0	8	0	9	2	0	11	1	5	0	0	6	1	20	0	0	21	46
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	9	3	0	12	2	20	2	0	24	3	12	0	0	15	3	29	0	0	32	83
3:00PM	0	9	1	0	10	1	8	1	0	10	3	17	0	0	20	0	9	0	0	9	49
3:15PM	0	12	1	0	13	0	3	2	0	5	1	9	0	0	10	1	8	1	0	10	38
3:30PM	0	8	3	0	11	2	7	3	0	12	8	16	0	0	24	2	7	0	0	9	56
3:45PM	0	3	2	0	5	1	4	1	0	6	5	20	1	0	26	0	8	2	0	10	47
Hourly Total	0	32	7	0	39	4	22	7	0	33	17	62	1	0	80	3	32	3	0	38	190
4:00PM	0	6	4	0	10	0	5	0	0	5	4	15	1	0	20	0	11	0	0	11	46
4:15PM	0	14	6	0	20	2	5	2	0	9	3	19	0	0	22	0	8	0	0	8	59
4:30PM	0	20	3	0	23	0	8	2	0	10	1	22	0	0	23	2	12	3	0	17	73
4:45PM	0	24	4	0	28	0	4	2	0	6	1	16	0	0	17	3	6	1	0	10	61
Hourly Total	0	64	17	0	81	2	22	6	0	30	9	72	1	0	82	5	37	4	0	46	239
5:00PM	0	14	3	0	17	1	4	1	0	6	2	12	0	0	14	0	15	1	0	16	53
5:15PM	1	19	2	0	22	1	5	0	0	6	1	22	1	0	24	1	10	0	0	11	63
5:30PM	0	12	3	0	15	1	9	3	0	13	4	34	0	0	38	0	6	0	0	6	72
5:45PM	0	17	1	0	18	1	9	1	0	11	2	12	0	0	14	1	8	1	0	10	53
Hourly Total	1	62	9	0	72	4	27	5	0	36	9	80	1	0	90	2	39	2	0	43	241
6:00PM	0	10	1	0	11	1	6	0	0	7	3	8	0	0	11	0	4	0	0	4	33
6:15PM	0	13	0	0	13	3	5	0	0	8	3	12	0	0	15	2	8	3	0	13	49
6:30PM	0	8	0	0	8	0	4	1	0	5	1	19	0	0	20	0	5	0	0	5	38
6:45PM	0	6	2	0	8	1	6	0	0	7	1	9	0	0	10	2	4	1	0	7	32
Hourly Total	0	37	3	0	40	5	21	1	0	27	8	48	0	0	56	4	21	4	0	29	152
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	3	232	41	0	276	19	194	38	0	251	57	303	3	0	363	35	241	14	0	290	1180
% Approach	1.1%	84.1%	14.9%	0%	-	7.6%	77.3%	15.1%	0%	-	15.7%	83.5%	0.8%	0%	-	12.1%	83.1%	4.8%	0%	-	-
% Total	0.3%	19.7%	3.5%	0%	23.4%	1.6%	16.4%	3.2%	0%	21.3%	4.8%	25.7%	0.3%	0%	30.8%	3.0%	20.4%	1.2%	0%	24.6%	-
Lights and Motorcycles	2	230	39	0	271	15	188	34	0	237	53	298	2	0	353	34	239	13	0	286	1147
% Lights and Motorcycles	66.7%	99.1%	95.1%	0%	98.2%	78.9%	96.9%	89.5%	0%	94.4%	93.0%	98.3%	66.7%	0%	97.2%	97.1%	99.2%	92.9%	0%	98.6%	97.2%
Heavy	1	2	2	0	5	4	6	4	0	14	4	5	1	0	10	1	2	1	0	4	33
% Heavy	33.3%	0.9%	4.9%	0%	1.8%	21.1%	3.1%	10.5%	0%	5.6%	7.0%	1.7%	33.3%	0%	2.8%	2.9%	0.8%	7.1%	0%	1.4%	2.8%

* L: Left, R: Right, T: Thru, U: U-Turn

MIDDLETOWN AVE & PRAIRIE BAPTIST RD - TMC

Wed May 15, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656573, Location: 40.053816, -85.900912, Site Code: i-96



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15																					
7:00AM	0	2	0	0	2	0	11	1	0	12	1	6	0	0	7	2	13	1	0	16	37
7:15AM	1	4	0	0	5	0	14	3	0	17	0	5	0	0	5	7	13	0	0	20	47
7:30AM	0	8	1	0	9	0	16	3	0	19	3	8	0	0	11	1	9	0	0	10	49
7:45AM	0	5	1	0	6	0	12	6	0	18	2	4	0	0	6	5	18	0	0	23	53
Total	1	19	2	0	22	0	53	13	0	66	6	23	0	0	29	15	53	1	0	69	186
% Approach	4.5%	86.4%	9.1%	0%	-	0%	80.3%	19.7%	0%	-	20.7%	79.3%	0%	0%	-	21.7%	76.8%	1.4%	0%	-	-
% Total	0.5%	10.2%	1.1%	0%	11.8%	0%	28.5%	7.0%	0%	35.5%	3.2%	12.4%	0%	0%	15.6%	8.1%	28.5%	0.5%	0%	37.1%	-
PHF	0.250	0.594	0.500	-	0.611	-	0.828	0.542	-	0.868	0.500	0.719	-	-	0.659	0.536	0.736	0.250	-	0.750	0.877
Lights and Motorcycles	1	19	2	0	22	0	53	13	0	66	5	23	0	0	28	15	53	1	0	69	185
% Lights and Motorcycles	100%	100%	100%	0%	100%	0%	100%	100%	0%	100%	83.3%	100%	0%	0%	96.6%	100%	100%	100%	0%	100%	99.5%
Heavy	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	16.7%	0%	0%	0%	3.4%	0%	0%	0%	0%	0%	0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

MIDDLETOWN AVE & PRAIRIE BAPTIST RD - TMC

Wed May 15, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656573, Location: 40.053816, -85.900912, Site Code: i-96



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-15																						
4:30PM	0	20	3	0	23	0	8	2	0	10	1	22	0	0	23	2	12	3	0	17	73	
4:45PM	0	24	4	0	28	0	4	2	0	6	1	16	0	0	17	3	6	1	0	10	61	
5:00PM	0	14	3	0	17	1	4	1	0	6	2	12	0	0	14	0	15	1	0	16	53	
5:15PM	1	19	2	0	22	1	5	0	0	6	1	22	1	0	24	1	10	0	0	11	63	
Total	1	77	12	0	90	2	21	5	0	28	5	72	1	0	78	6	43	5	0	54	250	
% Approach	1.1%	85.6%	13.3%	0%	-	7.1%	75.0%	17.9%	0%	-	6.4%	92.3%	1.3%	0%	-	11.1%	79.6%	9.3%	0%	-	-	
% Total	0.4%	30.8%	4.8%	0%	36.0%	0.8%	8.4%	2.0%	0%	11.2%	2.0%	28.8%	0.4%	0%	31.2%	2.4%	17.2%	2.0%	0%	21.6%	-	
PHF	0.250	0.802	0.750	-	0.804	0.500	0.656	0.625	-	0.700	0.625	0.818	0.250	-	0.813	0.500	0.717	0.417	-	0.794	0.856	
Lights and Motorcycles	1	77	12	0	90	2	20	5	0	27	5	71	1	0	77	5	43	5	0	53	247	
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	95.2%	100%	0%	96.4%	100%	98.6%	100%	0%	98.7%	83.3%	100%	100%	0%	98.1%	98.8%	
Heavy	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	0	0	1	3	
% Heavy	0%	0%	0%	0%	0%	0%	4.8%	0%	0%	3.6%	0%	1.4%	0%	0%	1.3%	16.7%	0%	0%	0%	1.9%	1.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & DURBIN RD - TMC

Thu Sep 20, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565497, Location: 40.056372, -85.910407



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-20																					
3:00PM	1	2	11	0	14	0	2	3	0	5	0	63	3	0	66	3	31	1	0	35	120
3:15PM	1	6	4	0	11	0	4	0	0	4	0	67	3	0	70	7	47	0	0	54	139
3:30PM	3	5	6	0	14	0	2	0	0	2	3	74	1	0	78	11	50	0	0	61	155
3:45PM	3	3	8	0	14	0	2	0	0	2	0	84	1	0	85	10	28	0	0	38	139
Hourly Total	8	16	29	0	53	0	10	3	0	13	3	288	8	0	299	31	156	1	0	188	553
4:00PM	3	3	8	0	14	2	2	0	0	4	0	91	1	0	92	2	43	0	0	45	155
4:15PM	1	7	8	0	16	0	3	1	0	4	1	86	0	0	87	9	43	1	0	53	160
4:30PM	2	5	5	0	12	0	1	1	0	2	0	92	2	0	94	13	46	0	0	59	167
4:45PM	0	5	10	0	15	0	4	0	0	4	0	93	2	0	95	9	44	1	0	54	168
Hourly Total	6	20	31	0	57	2	10	2	0	14	1	362	5	0	368	33	176	2	0	211	650
5:00PM	0	4	8	0	12	0	5	1	0	6	0	81	1	0	82	9	48	0	0	57	157
5:15PM	1	5	13	0	19	0	0	0	0	0	2	115	1	0	118	10	57	1	0	68	205
5:30PM	1	7	13	0	21	0	5	0	0	5	1	88	3	0	92	7	43	0	0	50	168
5:45PM	2	0	7	0	9	0	3	0	0	3	0	95	2	0	97	13	37	0	0	50	159
Hourly Total	4	16	41	0	61	0	13	1	0	14	3	379	7	0	389	39	185	1	0	225	689
6:00PM	3	2	10	1	16	1	2	0	0	3	0	71	2	0	73	8	34	1	0	43	135
6:15PM	0	3	7	0	10	0	0	0	0	0	1	91	2	0	94	10	36	1	0	47	151
6:30PM	1	1	10	0	12	1	1	0	0	2	1	60	0	0	61	7	30	0	0	37	112
6:45PM	1	6	2	0	9	0	0	1	0	1	0	60	1	0	61	6	30	0	0	36	107
Hourly Total	5	12	29	1	47	2	3	1	0	6	2	282	5	0	289	31	130	2	0	163	505
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-21																					
6:30AM	2	0	3	0	5	0	3	0	0	3	0	20	1	0	21	8	107	0	0	115	144
6:45AM	1	0	4	0	5	0	1	1	0	2	0	21	2	0	23	14	89	0	0	103	133
Hourly Total	3	0	7	0	10	0	4	1	0	5	0	41	3	0	44	22	196	0	0	218	277
7:00AM	1	2	5	0	8	0	9	1	0	10	0	21	0	0	21	11	94	0	0	105	144
7:15AM	0	0	5	0	5	0	4	0	0	4	0	23	2	0	25	9	82	0	0	91	125
7:30AM	2	2	7	0	11	1	5	0	0	6	0	26	4	0	30	7	100	0	0	107	154
7:45AM	1	4	9	0	14	0	5	1	0	6	0	42	4	0	46	10	95	1	0	106	172
Hourly Total	4	8	26	0	38	1	23	2	0	26	0	112	10	0	122	37	371	1	0	409	595
8:00AM	2	1	5	0	8	1	3	1	0	5	0	30	1	0	31	9	55	0	0	64	108
8:15AM	1	0	3	0	4	1	1	0	0	2	0	24	1	0	25	4	51	0	0	55	86
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	3	1	8	0	12	2	4	1	0	7	0	54	2	0	56	13	106	0	0	119	194
Total	33	73	171	1	278	7	67	11	0	85	9	1518	40	0	1567	206	1320	7	0	1533	3463
% Approach	11.9%	26.3%	61.5%	0.4%	-	8.2%	78.8%	12.9%	0%	-	0.6%	96.9%	2.6%	0%	-	13.4%	86.1%	0.5%	0%	-	-
% Total	1.0%	2.1%	4.9%	0%	8.0%	0.2%	1.9%	0.3%	0%	2.5%	0.3%	43.8%	1.2%	0%	45.2%	5.9%	38.1%	0.2%	0%	44.3%	-
Lights and Motorcycles	30	67	162	1	260	7	57	10	0	74	9	1485	39	0	1533	190	1293	7	0	1490	3357
% Lights and Motorcycles	90.9%	91.8%	94.7%	100%	93.5%	100%	85.1%	90.9%	0%	87.1%	100%	97.8%	97.5%	0%	97.8%	92.2%	98.0%	100%	0%	97.2%	96.9%
Heavy	3	6	9	0	18	0	10	1	0	11	0	33	1	0	34	16	27	0	0	43	106
% Heavy	9.1%	8.2%	5.3%	0%	6.5%	0%	14.9%	9.1%	0%	12.9%	0%	2.2%	2.5%	0%	2.2%	7.8%	2.0%	0%	0%	2.8%	3.1%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & DURBIN RD - TMC

Fri Sep 21, 2018

AM Peak (Sep 21 2018 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565497, Location: 40.056372, -85.910407



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-09-21 7:00AM	1	2	5	0	8	0	9	1	0	10	0	21	0	0	21	11	94	0	0	105	144
7:15AM	0	0	5	0	5	0	4	0	0	4	0	23	2	0	25	9	82	0	0	91	125
7:30AM	2	2	7	0	11	1	5	0	0	6	0	26	4	0	30	7	100	0	0	107	154
7:45AM	1	4	9	0	14	0	5	1	0	6	0	42	4	0	46	10	95	1	0	106	172
Total	4	8	26	0	38	1	23	2	0	26	0	112	10	0	122	37	371	1	0	409	595
% Approach	10.5%	21.1%	68.4%	0%	-	3.8%	88.5%	7.7%	0%	-	0%	91.8%	8.2%	0%	-	9.0%	90.7%	0.2%	0%	-	-
% Total	0.7%	1.3%	4.4%	0%	6.4%	0.2%	3.9%	0.3%	0%	4.4%	0%	18.8%	1.7%	0%	20.5%	6.2%	62.4%	0.2%	0%	68.7%	-
PHF	0.500	0.500	0.722	-	0.679	0.250	0.639	0.500	-	0.650	-	0.667	0.625	-	0.663	0.841	0.928	0.250	-	0.956	0.865
Lights and Motorcycles	4	8	25	0	37	1	22	2	0	25	0	109	10	0	119	30	362	1	0	393	574
% Lights and Motorcycles	100%	100%	96.2%	0%	97.4%	100%	95.7%	100%	0%	96.2%	0%	97.3%	100%	0%	97.5%	81.1%	97.6%	100%	0%	96.1%	96.5%
Heavy	0	0	1	0	1	0	1	0	0	1	0	3	0	0	3	7	9	0	0	16	21
% Heavy	0%	0%	3.8%	0%	2.6%	0%	4.3%	0%	0%	3.8%	0%	2.7%	0%	0%	2.5%	18.9%	2.4%	0%	0%	3.9%	3.5%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & DURBIN RD - TMC

Thu Sep 20, 2018

PM Peak (Sep 20 2018 4:45PM - 5:45 PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565497, Location: 40.056372, -85.910407



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-20 4:45PM	0	5	10	0	15	0	4	0	0	4	0	93	2	0	95	9	44	1	0	54	168
5:00PM	0	4	8	0	12	0	5	1	0	6	0	81	1	0	82	9	48	0	0	57	157
5:15PM	1	5	13	0	19	0	0	0	0	0	2	115	1	0	118	10	57	1	0	68	205
5:30PM	1	7	13	0	21	0	5	0	0	5	1	88	3	0	92	7	43	0	0	50	168
Total	2	21	44	0	67	0	14	1	0	15	3	377	7	0	387	35	192	2	0	229	698
% Approach	3.0%	31.3%	65.7%	0%	-	0%	93.3%	6.7%	0%	-	0.8%	97.4%	1.8%	0%	-	15.3%	83.8%	0.9%	0%	-	-
% Total	0.3%	3.0%	6.3%	0%	9.6%	0%	2.0%	0.1%	0%	2.1%	0.4%	54.0%	1.0%	0%	55.4%	5.0%	27.5%	0.3%	0%	32.8%	-
PHF	0.500	0.750	0.846	-	0.798	-	0.700	0.250	-	0.625	0.375	0.820	0.583	-	0.820	0.875	0.842	0.500	-	0.842	0.851
Lights and Motorcycles	2	19	43	0	64	0	13	1	0	14	3	370	7	0	380	35	189	2	0	226	684
% Lights and Motorcycles	100%	90.5%	97.7%	0%	95.5%	0%	92.9%	100%	0%	93.3%	100%	98.1%	100%	0%	98.2%	100%	98.4%	100%	0%	98.7%	98.0%
Heavy	0	2	1	0	3	0	1	0	0	1	0	7	0	0	7	0	3	0	0	3	14
% Heavy	0%	9.5%	2.3%	0%	4.5%	0%	7.1%	0%	0%	6.7%	0%	1.9%	0%	0%	1.8%	0%	1.6%	0%	0%	1.3%	2.0%

*L: Left, R: Right, T: Thru, U: U-Turn

MIDDLETOWN AVE & DURBIN RD - TMC

Wed May 15, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656567, Location: 40.050847, -85.910337, Site Code: i-98



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15 6:30AM	0	5	0	0	5	0	7	6	0	13	7	6	0	0	13	2	15	0	0	17	48
6:45AM	0	3	1	0	4	1	17	11	0	29	5	4	0	0	9	1	13	0	0	14	56
Hourly Total	0	8	1	0	9	1	24	17	0	42	12	10	0	0	22	3	28	0	0	31	104
7:00AM	0	1	0	0	1	1	10	4	0	15	8	3	0	0	11	3	11	0	0	14	41
7:15AM	0	9	0	0	9	0	7	11	0	18	4	7	0	0	11	3	10	5	0	18	56
7:30AM	0	8	0	0	8	1	14	12	0	27	19	10	0	0	29	3	10	1	0	14	78
7:45AM	0	11	1	0	12	0	13	12	0	25	13	2	0	0	15	4	17	1	0	22	74
Hourly Total	0	29	1	0	30	2	44	39	0	85	44	22	0	0	66	13	48	7	0	68	249
8:00AM	0	7	1	0	8	0	5	1	0	6	12	10	1	0	23	3	8	1	0	12	49
8:15AM	0	6	1	0	7	0	5	5	0	10	10	4	0	0	14	1	21	1	0	23	54
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	13	2	0	15	0	10	6	0	16	22	14	1	0	37	4	29	2	0	35	103
3:00PM	0	3	5	0	8	0	3	7	0	10	7	11	0	0	18	1	10	0	0	11	47
3:15PM	0	20	0	0	20	0	7	2	0	9	17	11	0	0	28	3	5	1	0	9	66
3:30PM	0	9	5	0	14	2	19	17	0	38	10	20	0	0	30	2	11	2	0	15	97
3:45PM	0	8	3	0	11	1	17	15	0	33	6	24	0	0	30	1	4	1	0	6	80
Hourly Total	0	40	13	0	53	3	46	41	0	90	40	66	0	0	106	7	30	4	0	41	290
4:00PM	0	5	5	0	10	1	15	14	0	30	15	14	1	0	30	2	8	2	0	12	82
4:15PM	0	11	6	0	17	0	10	10	0	20	11	15	0	0	26	2	8	0	0	10	73
4:30PM	0	10	2	0	12	1	8	12	0	21	6	16	0	0	22	1	11	0	0	12	67
4:45PM	0	11	0	0	11	1	11	8	0	20	4	17	0	0	21	4	8	2	0	14	66
Hourly Total	0	37	13	0	50	3	44	44	0	91	36	62	1	0	99	9	35	4	0	48	288
5:00PM	0	11	5	0	16	1	11	11	0	23	8	14	0	0	22	0	11	3	0	14	75
5:15PM	1	14	4	0	19	1	8	9	0	18	17	21	0	0	38	1	6	0	0	7	82
5:30PM	1	21	6	0	28	3	21	9	0	33	11	23	0	0	34	1	8	1	0	10	105
5:45PM	0	12	4	0	16	1	8	9	0	18	11	10	0	0	21	0	9	0	0	9	64
Hourly Total	2	58	19	0	79	6	48	38	0	92	47	68	0	0	115	2	34	4	0	40	326
6:00PM	0	11	1	0	12	0	8	6	0	14	10	13	0	0	23	0	4	0	0	4	53
6:15PM	0	13	2	0	15	0	6	5	0	11	6	16	0	0	22	0	7	0	0	7	55
6:30PM	0	8	5	0	13	0	6	8	0	14	6	12	0	0	18	1	4	0	0	5	50
6:45PM	0	7	2	0	9	0	9	2	0	11	7	8	0	0	15	0	4	0	0	4	39
Hourly Total	0	39	10	0	49	0	29	21	0	50	29	49	0	0	78	1	19	0	0	20	197
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	224	59	0	285	15	245	206	0	466	230	291	2	0	523	39	223	21	0	283	1557
% Approach	0.7%	78.6%	20.7%	0%	-	3.2%	52.6%	44.2%	0%	-	44.0%	55.6%	0.4%	0%	-	13.8%	78.8%	7.4%	0%	-	-
% Total	0.1%	14.4%	3.8%	0%	18.3%	1.0%	15.7%	13.2%	0%	29.9%	14.8%	18.7%	0.1%	0%	33.6%	2.5%	14.3%	1.3%	0%	18.2%	-
Lights and Motorcycles	2	214	54	0	270	14	234	182	0	430	211	287	1	0	499	38	217	21	0	276	1475
% Lights and Motorcycles	100%	95.5%	91.5%	0%	94.7%	93.3%	95.5%	88.3%	0%	92.3%	91.7%	98.6%	50.0%	0%	95.4%	97.4%	97.3%	100%	0%	97.5%	94.7%
Heavy	0	10	5	0	15	1	11	24	0	36	19	4	1	0	24	1	6	0	0	7	82
% Heavy	0%	4.5%	8.5%	0%	5.3%	6.7%	4.5%	11.7%	0%	7.7%	8.3%	1.4%	50.0%	0%	4.6%	2.6%	2.7%	0%	0%	2.5%	5.3%

*L: Left, R: Right, T: Thru, U: U-Turn

MIDDLETOWN AVE & DURBIN RD - TMC

Wed May 15, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656567, Location: 40.050847, -85.910337, Site Code: i-98



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-15																						
7:15AM	0	9	0	0	9	0	7	11	0	18	4	7	0	0	11	3	10	5	0	18	56	
7:30AM	0	8	0	0	8	1	14	12	0	27	19	10	0	0	29	3	10	1	0	14	78	
7:45AM	0	11	1	0	12	0	13	12	0	25	13	2	0	0	15	4	17	1	0	22	74	
8:00AM	0	7	1	0	8	0	5	1	0	6	12	10	1	0	23	3	8	1	0	12	49	
Total	0	35	2	0	37	1	39	36	0	76	48	29	1	0	78	13	45	8	0	66	257	
% Approach	0%	94.6%	5.4%	0%	-	1.3%	51.3%	47.4%	0%	-	61.5%	37.2%	1.3%	0%	-	19.7%	68.2%	12.1%	0%	-	-	
% Total	0%	13.6%	0.8%	0%	14.4%	0.4%	15.2%	14.0%	0%	29.6%	18.7%	11.3%	0.4%	0%	30.4%	5.1%	17.5%	3.1%	0%	25.7%	-	
PHF	-	0.795	0.500	-	0.771	0.250	0.696	0.750	-	0.704	0.632	0.725	0.250	-	0.672	0.813	0.662	0.400	-	0.750	0.824	
Lights and Motorcycles	0	33	1	0	34	1	36	31	0	68	45	29	0	0	74	13	45	8	0	66	242	
% Lights and Motorcycles	0%	94.3%	50.0%	0%	91.9%	100%	92.3%	86.1%	0%	89.5%	93.8%	100%	0%	0%	94.9%	100%	100%	100%	0%	100%	94.2%	
Heavy	0	2	1	0	3	0	3	5	0	8	3	0	1	0	4	0	0	0	0	0	15	
% Heavy	0%	5.7%	50.0%	0%	8.1%	0%	7.7%	13.9%	0%	10.5%	6.3%	0%	100%	0%	5.1%	0%	0%	0%	0%	0%	5.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

MIDDLETOWN AVE & DURBIN RD - TMC

Wed May 15, 2019

PM Peak (3:30 PM - 4:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656567, Location: 40.050847, -85.910337, Site Code: i-98



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-15																						
3:30PM	0	9	5	0	14	2	19	17	0	38	10	20	0	0	30	2	11	2	0	15	97	
3:45PM	0	8	3	0	11	1	17	15	0	33	6	24	0	0	30	1	4	1	0	6	80	
4:00PM	0	5	5	0	10	1	15	14	0	30	15	14	1	0	30	2	8	2	0	12	82	
4:15PM	0	11	6	0	17	0	10	10	0	20	11	15	0	0	26	2	8	0	0	10	73	
Total	0	33	19	0	52	4	61	56	0	121	42	73	1	0	116	7	31	5	0	43	332	
% Approach	0%	63.5%	36.5%	0%	-	3.3%	50.4%	46.3%	0%	-	36.2%	62.9%	0.9%	0%	-	16.3%	72.1%	11.6%	0%	-	-	
% Total	0%	9.9%	5.7%	0%	15.7%	1.2%	18.4%	16.9%	0%	36.4%	12.7%	22.0%	0.3%	0%	34.9%	2.1%	9.3%	1.5%	0%	13.0%	-	
PHF	-	0.750	0.792	-	0.765	0.500	0.803	0.824	-	0.796	0.700	0.760	0.250	-	0.967	0.875	0.705	0.625	-	0.717	0.856	
Lights and Motorcycles	0	31	16	0	47	3	59	44	0	106	37	72	1	0	110	7	30	5	0	42	305	
% Lights and Motorcycles	0%	93.9%	84.2%	0%	90.4%	75.0%	96.7%	78.6%	0%	87.6%	88.1%	98.6%	100%	0%	94.8%	100%	96.8%	100%	0%	97.7%	91.9%	
Heavy	0	2	3	0	5	1	2	12	0	15	5	1	0	0	6	0	1	0	0	1	27	
% Heavy	0%	6.1%	15.8%	0%	9.6%	25.0%	3.3%	21.4%	0%	12.4%	11.9%	1.4%	0%	0%	5.2%	0%	3.2%	0%	0%	2.3%	8.1%	

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PENNINGTON - TMC

Wed May 15, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656562, Location: 40.052143, -85.9293, Site Code: i-99



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-15																						
6:30AM	1	0	1	0	2	0	0	1	0	1	0	24	2	0	26	0	149	0	0	149		178
6:45AM	0	0	0	0	0	0	3	3	0	6	1	37	0	0	38	2	112	0	0	114		158
Hourly Total	1	0	1	0	2	0	3	4	0	7	1	61	2	0	64	2	261	0	0	263		336
7:00AM	2	1	1	0	4	0	5	0	0	5	1	36	1	0	38	1	117	0	0	118		165
7:15AM	2	1	0	0	3	0	2	0	0	2	1	55	0	0	56	2	114	0	0	116		177
7:30AM	0	1	1	0	2	0	2	1	0	3	1	58	2	0	61	0	111	0	0	111		177
7:45AM	1	2	0	0	3	0	1	0	0	1	1	51	1	0	53	2	130	0	0	132		189
Hourly Total	5	5	2	0	12	0	10	1	0	11	4	200	4	0	208	5	472	0	0	477		708
8:00AM	0	1	2	0	3	0	3	0	0	3	0	47	2	0	49	0	95	0	0	95		150
8:15AM	0	1	0	0	1	0	5	0	0	5	0	38	1	0	39	0	104	0	0	104		149
Hourly Total	0	2	2	0	4	0	8	0	0	8	0	85	3	0	88	0	199	0	0	199		299
3:00PM	1	1	0	0	2	0	2	2	0	4	1	79	1	0	81	0	46	1	0	47		134
3:15PM	3	2	2	0	7	0	0	1	0	1	3	98	2	0	103	0	51	1	0	52		163
3:30PM	3	3	0	0	6	0	1	1	0	2	2	100	2	0	104	2	65	1	0	68		180
3:45PM	2	2	1	0	5	0	0	0	0	0	1	98	0	0	99	4	62	0	0	66		170
Hourly Total	9	8	3	0	20	0	3	4	0	7	7	375	5	0	387	6	224	3	0	233		647
4:00PM	2	1	2	0	5	0	2	0	0	2	0	131	1	0	132	0	65	0	0	65		204
4:15PM	1	0	2	0	3	0	1	1	0	2	0	114	0	0	114	2	87	0	0	89		208
4:30PM	1	2	2	0	5	0	0	0	0	0	0	123	0	0	123	1	65	0	0	66		194
4:45PM	1	4	1	0	6	0	0	0	0	0	1	131	2	0	134	3	80	0	0	83		223
Hourly Total	5	7	7	0	19	0	3	1	0	4	1	499	3	0	503	6	297	0	0	303		829
5:00PM	0	4	2	0	6	0	1	2	0	3	1	119	3	0	123	4	70	1	0	75		207
5:15PM	1	4	0	0	5	0	1	1	0	2	2	148	3	0	153	1	52	0	0	53		213
5:30PM	1	2	0	0	3	0	1	1	0	2	0	113	1	0	114	0	58	0	0	58		177
5:45PM	1	2	2	0	5	0	2	0	0	2	0	96	0	0	96	2	67	0	0	69		172
Hourly Total	3	12	4	0	19	0	5	4	0	9	3	476	7	0	486	7	247	1	0	255		769
6:00PM	1	1	0	0	2	0	2	2	0	4	2	82	1	0	85	2	61	0	0	63		154
6:15PM	0	2	1	0	3	0	1	1	0	2	1	118	2	0	121	2	53	0	0	55		181
6:30PM	0	6	0	0	6	0	1	1	0	2	1	85	1	0	87	0	41	0	0	41		136
6:45PM	1	3	0	0	4	0	2	0	0	2	1	67	0	0	68	1	29	0	0	30		104
Hourly Total	2	12	1	0	15	0	6	4	0	10	5	352	4	0	361	5	184	0	0	189		575
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Total	25	46	20	0	91	0	38	18	0	56	21	2048	28	0	2097	31	1884	4	0	1919		4163
% Approach	27.5%	50.5%	22.0%	0%	-	0%	67.9%	32.1%	0%	-	1.0%	97.7%	1.3%	0%	-	1.6%	98.2%	0.2%	0%	-		-
% Total	0.6%	1.1%	0.5%	0%	2.2%	0%	0.9%	0.4%	0%	1.3%	0.5%	49.2%	0.7%	0%	50.4%	0.7%	45.3%	0.1%	0%	46.1%		-
Lights and Motorcycles	24	41	17	0	82	0	34	18	0	52	21	1987	26	0	2034	27	1830	3	0	1860		4028
% Lights and Motorcycles	96.0%	89.1%	85.0%	0%	90.1%	0%	89.5%	100%	0%	92.9%	100%	97.0%	92.9%	0%	97.0%	87.1%	97.1%	75.0%	0%	96.9%		96.8%
Heavy	1	5	3	0	9	0	4	0	0	4	0	61	2	0	63	4	54	1	0	59		135
% Heavy	4.0%	10.9%	15.0%	0%	9.9%	0%	10.5%	0%	0%	7.1%	0%	3.0%	7.1%	0%	3.0%	12.9%	2.9%	25.0%	0%	3.1%		3.2%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PENNINGTON - TMC

Wed May 15, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656562, Location: 40.052143, -85.9293, Site Code: i-99



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15 7:00AM	2	1	1	0	4	0	5	0	0	5	1	36	1	0	38	1	117	0	0	118	165
7:15AM	2	1	0	0	3	0	2	0	0	2	1	55	0	0	56	2	114	0	0	116	177
7:30AM	0	1	1	0	2	0	2	1	0	3	1	58	2	0	61	0	111	0	0	111	177
7:45AM	1	2	0	0	3	0	1	0	0	1	1	51	1	0	53	2	130	0	0	132	189
Total	5	5	2	0	12	0	10	1	0	11	4	200	4	0	208	5	472	0	0	477	708
% Approach	41.7%	41.7%	16.7%	0%	-	0%	90.9%	9.1%	0%	-	1.9%	96.2%	1.9%	0%	-	1.0%	99.0%	0%	0%	-	-
% Total	0.7%	0.7%	0.3%	0%	1.7%	0%	1.4%	0.1%	0%	1.6%	0.6%	28.2%	0.6%	0%	29.4%	0.7%	66.7%	0%	0%	67.4%	-
PHF	0.625	0.625	0.500	-	0.750	-	0.500	0.250	-	0.550	1.000	0.862	0.500	-	0.852	0.625	0.908	-	-	0.903	0.937
Lights and Motorcycles	5	4	2	0	11	0	10	1	0	11	4	195	4	0	203	5	460	0	0	465	690
% Lights and Motorcycles	100%	80.0%	100%	0%	91.7%	0%	100%	100%	0%	100%	100%	97.5%	100%	0%	97.6%	100%	97.5%	0%	0%	97.5%	97.5%
Heavy	0	1	0	0	1	0	0	0	0	0	0	5	0	0	5	0	12	0	0	12	18
% Heavy	0%	20.0%	0%	0%	8.3%	0%	0%	0%	0%	0%	0%	2.5%	0%	0%	2.4%	0%	2.5%	0%	0%	2.5%	2.5%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PENNINGTON - TMC

Wed May 15, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656562, Location: 40.052143, -85.9293, Site Code: i-99



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-05-15																						
4:30PM	1	2	2	0	5	0	0	0	0	0	0	123	0	0	123	1	65	0	0	66	194	
4:45PM	1	4	1	0	6	0	0	0	0	0	1	131	2	0	134	3	80	0	0	83	223	
5:00PM	0	4	2	0	6	0	1	2	0	3	1	119	3	0	123	4	70	1	0	75	207	
5:15PM	1	4	0	0	5	0	1	1	0	2	2	148	3	0	153	1	52	0	0	53	213	
Total	3	14	5	0	22	0	2	3	0	5	4	521	8	0	533	9	267	1	0	277	837	
% Approach	13.6%	63.6%	22.7%	0%	-	0%	40.0%	60.0%	0%	-	0.8%	97.7%	1.5%	0%	-	3.2%	96.4%	0.4%	0%	-	-	
% Total	0.4%	1.7%	0.6%	0%	2.6%	0%	0.2%	0.4%	0%	0.6%	0.5%	62.2%	1.0%	0%	63.7%	1.1%	31.9%	0.1%	0%	33.1%	-	
PHF	0.750	0.875	0.625	-	0.917	-	0.500	0.375	-	0.417	0.500	0.880	0.667	-	0.871	0.563	0.834	0.250	-	0.834	0.938	
Lights and Motorcycles	3	14	4	0	21	0	1	3	0	4	4	510	8	0	522	9	259	1	0	269	816	
% Lights and Motorcycles	100%	100%	80.0%	0%	95.5%	0%	50.0%	100%	0%	80.0%	100%	97.9%	100%	0%	97.9%	100%	97.0%	100%	0%	97.1%	97.5%	
Heavy	0	0	1	0	1	0	1	0	0	1	0	11	0	0	11	0	8	0	0	8	21	
% Heavy	0%	0%	20.0%	0%	4.5%	0%	50.0%	0%	0%	20.0%	0%	2.1%	0%	0%	2.1%	0%	3.0%	0%	0%	2.9%	2.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & DESHANE AVE - TMC

Thu Feb 21, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641172, Location: 40.051615, -85.941124, Site Code: i-100



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-21 6:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
6:45AM	0	1	0	1	0	1	0	1	0	0	0	0	2
Hourly Total	0	1	0	1	0	1	0	1	0	0	0	0	2
7:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0
7:15AM	0	0	0	0	0	0	0	0	4	0	0	4	4
7:30AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:45AM	0	0	0	0	0	1	0	1	0	1	0	1	2
Hourly Total	1	0	0	1	0	1	0	1	4	1	0	5	7
8:00AM	0	1	0	1	0	1	0	1	1	0	0	1	3
8:15AM	0	2	0	2	0	0	0	0	3	1	0	4	6
Hourly Total	0	3	0	3	0	1	0	1	4	1	0	5	9
3:00PM	1	0	1	2	0	0	1	1	0	0	0	0	3
3:15PM	0	1	0	1	0	0	0	0	0	1	0	1	2
3:30PM	1	3	0	4	0	0	0	0	0	0	0	0	4
3:45PM	0	1	0	1	1	1	0	2	1	0	0	1	4
Hourly Total	2	5	1	8	1	1	1	3	1	1	0	2	13
4:00PM	0	2	0	2	2	0	0	2	1	0	0	1	5
4:15PM	0	0	0	0	0	1	0	1	1	0	0	1	2
4:30PM	2	0	0	2	3	0	0	3	0	3	0	3	8
4:45PM	0	0	0	0	0	1	0	1	1	1	0	2	3
Hourly Total	2	2	0	4	5	2	0	7	3	4	0	7	18
5:00PM	1	0	0	1	1	0	0	1	0	0	0	0	2
5:15PM	3	4	0	7	3	3	0	6	1	0	0	1	14
5:30PM	1	3	0	4	1	1	0	2	0	2	0	2	8
5:45PM	2	0	0	2	1	0	0	1	0	0	0	0	3
Hourly Total	7	7	0	14	6	4	0	10	1	2	0	3	27
6:00PM	0	3	0	3	0	0	0	0	0	1	0	1	4
6:15PM	0	2	0	2	0	2	0	2	0	1	0	1	5
6:30PM	0	0	0	0	1	1	0	2	0	0	0	0	2
6:45PM	2	0	0	2	0	1	0	1	3	0	0	3	6
Hourly Total	2	5	0	7	1	4	0	5	3	2	0	5	17
Total	14	23	1	38	13	14	1	28	16	11	0	27	93
% Approach	36.8%	60.5%	2.6%	-	46.4%	50.0%	3.6%	-	59.3%	40.7%	0%	-	-
% Total	15.1%	24.7%	1.1%	40.9%	14.0%	15.1%	1.1%	30.1%	17.2%	11.8%	0%	29.0%	-
Lights and Motorcycles	14	22	1	37	13	14	1	28	13	11	0	24	89
% Lights and Motorcycles	100%	95.7%	100%	97.4%	100%	100%	100%	100%	81.3%	100%	0%	88.9%	95.7%
Heavy	0	1	0	1	0	0	0	0	3	0	0	3	4
% Heavy	0%	4.3%	0%	2.6%	0%	0%	0%	0%	18.8%	0%	0%	11.1%	4.3%

* L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & DESHANE AVE - TMC

Thu Feb 21, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641172, Location: 40.051615, -85.941124, Site Code: i-100



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-21 7:30AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:45AM	0	0	0	0	0	1	0	1	0	1	0	1	2
8:00AM	0	1	0	1	0	1	0	1	1	0	0	1	3
8:15AM	0	2	0	2	0	0	0	0	3	1	0	4	6
Total	1	3	0	4	0	2	0	2	4	2	0	6	12
% Approach	25.0%	75.0%	0%	-	0%	100%	0%	-	66.7%	33.3%	0%	-	-
% Total	8.3%	25.0%	0%	33.3%	0%	16.7%	0%	16.7%	33.3%	16.7%	0%	50.0%	-
PHF	0.250	0.375	-	0.500	-	0.500	-	0.500	0.333	0.500	-	0.375	0.500
Lights and Motorcycles	1	2	0	3	0	2	0	2	4	2	0	6	11
% Lights and Motorcycles	100%	66.7%	0%	75.0%	0%	100%	0%	100%	100%	100%	0%	100%	91.7%
Heavy	0	1	0	1	0	0	0	0	0	0	0	0	1
% Heavy	0%	33.3%	0%	25.0%	0%	0%	0%	0%	0%	0%	0%	0%	8.3%

* L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & DESHANE AVE - TMC

Thu Feb 21, 2019

PM Peak (5:15 PM - 6:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641172, Location: 40.051615, -85.941124, Site Code: i-100



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
Time													
2019-02-21 5:15PM	3	4	0	7	3	3	0	6	1	0	0	1	14
5:30PM	1	3	0	4	1	1	0	2	0	2	0	2	8
5:45PM	2	0	0	2	1	0	0	1	0	0	0	0	3
6:00PM	0	3	0	3	0	0	0	0	0	1	0	1	4
Total	6	10	0	16	5	4	0	9	1	3	0	4	29
% Approach	37.5%	62.5%	0%	-	55.6%	44.4%	0%	-	25.0%	75.0%	0%	-	-
% Total	20.7%	34.5%	0%	55.2%	17.2%	13.8%	0%	31.0%	3.4%	10.3%	0%	13.8%	-
PHF	0.500	0.625	-	0.571	0.417	0.333	-	0.375	0.250	0.375	-	0.500	0.518
Lights and Motorcycles	6	10	0	16	5	4	0	9	1	3	0	4	29
% Lights and Motorcycles	100%	100%	0%	100%	100%	100%	0%	100%	100%	100%	0%	100%	100%
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & 176TH ST (DESHANE) - TMC

Thu Sep 20, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565479, Location: 40.049837, -85.941111



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-20																						
3:00PM	0	0	2	0	2	0	0	2	0	2	2	69	0	0	71	0	27	2	0	29		104
3:15PM	0	0	0	0	0	0	0	0	0	0	0	75	0	0	75	0	47	0	0	47		122
3:30PM	0	0	0	0	0	0	0	3	0	3	1	80	0	0	81	0	57	1	0	58		142
3:45PM	0	0	0	0	0	0	0	1	0	1	2	83	0	0	85	0	30	1	0	31		117
Hourly Total	0	0	2	0	2	0	0	6	0	6	5	307	0	0	312	0	161	4	0	165		485
4:00PM	0	3	0	0	3	0	1	1	0	2	1	93	0	0	94	0	34	0	0	34		133
4:15PM	0	0	0	0	0	0	0	0	0	0	1	86	0	0	87	0	50	0	0	50		137
4:30PM	0	1	0	0	1	0	0	0	0	0	2	94	0	0	96	0	44	1	0	45		142
4:45PM	0	0	0	0	0	1	0	1	0	2	0	89	0	0	89	0	51	0	0	51		142
Hourly Total	0	4	0	0	4	1	1	2	0	4	4	362	0	0	366	0	179	1	0	180		554
5:00PM	1	0	1	0	2	0	0	0	0	0	1	84	1	0	86	0	54	1	0	55		143
5:15PM	0	0	0	0	0	0	0	2	0	2	1	128	0	0	129	0	55	1	0	56		187
5:30PM	0	0	0	0	0	0	1	1	0	2	3	98	1	0	102	0	43	0	0	43		147
5:45PM	0	0	0	0	0	1	0	1	0	2	0	94	0	0	94	0	41	1	0	42		138
Hourly Total	1	0	1	0	2	1	1	4	0	6	5	404	2	0	411	0	193	3	0	196		615
6:00PM	0	0	0	0	0	2	0	2	0	4	2	80	0	0	82	0	34	2	0	36		122
6:15PM	0	0	0	0	0	0	1	1	0	2	3	94	0	0	97	0	33	1	0	34		133
6:30PM	0	1	0	0	1	1	1	1	0	3	2	63	0	0	65	0	40	0	0	40		109
6:45PM	0	0	0	0	0	0	0	3	0	3	0	63	0	0	63	0	33	1	0	34		100
Hourly Total	0	1	0	0	1	3	2	7	0	12	7	300	0	0	307	0	140	4	0	144		464
7:00PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0		2
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0		2
2018-09-21																						
6:30AM	0	0	0	0	0	0	0	1	0	1	0	25	0	0	25	0	105	1	0	106		132
6:45AM	0	1	0	0	1	2	0	4	0	6	0	19	0	0	19	0	106	0	0	106		132
Hourly Total	0	1	0	0	1	2	0	5	0	7	0	44	0	0	44	0	211	1	0	212		264
7:00AM	0	0	1	0	1	0	0	4	0	4	1	27	0	0	28	0	89	0	0	89		122
7:15AM	1	0	0	0	1	0	0	0	0	0	2	18	0	0	20	0	85	1	0	86		107
7:30AM	0	1	0	0	1	1	0	2	0	3	0	28	0	0	28	1	95	0	0	96		128
7:45AM	0	0	1	0	1	1	0	2	0	3	2	43	0	0	45	0	105	1	0	106		155
Hourly Total	1	1	2	0	4	2	0	8	0	10	5	116	0	0	121	1	374	2	0	377		512
8:00AM	0	0	0	0	0	1	0	1	0	2	0	30	0	0	30	1	66	0	0	67		99
8:15AM	0	1	0	0	1	2	0	0	0	2	1	30	0	0	31	0	59	0	0	59		93
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hourly Total	0	1	0	0	1	3	0	1	0	4	1	60	0	0	61	1	125	0	0	126		192
Total	2	8	5	0	15	12	4	33	0	49	27	1595	2	0	1624	2	1383	15	0	1400		3088
% Approach	13.3%	53.3%	33.3%	0%	-	24.5%	8.2%	67.3%	0%	-	1.7%	98.2%	0.1%	0%	-	0.1%	98.8%	1.1%	0%	-		-
% Total	0.1%	0.3%	0.2%	0%	0.5%	0.4%	0.1%	1.1%	0%	1.6%	0.9%	51.7%	0.1%	0%	52.6%	0.1%	44.8%	0.5%	0%	45.3%		-
Lights and Motorcycles	2	6	5	0	13	12	3	27	0	42	26	1559	2	0	1587	2	1355	13	0	1370		3012
% Lights and Motorcycles	100%	75.0%	100%	0%	86.7%	100%	75.0%	81.8%	0%	85.7%	96.3%	97.7%	100%	0%	97.7%	100%	98.0%	86.7%	0%	97.9%		97.5%
Heavy	0	2	0	0	2	0	1	6	0	7	1	36	0	0	37	0	28	2	0	30		76
% Heavy	0%	25.0%	0%	0%	13.3%	0%	25.0%	18.2%	0%	14.3%	3.7%	2.3%	0%	0%	2.3%	0%	2.0%	13.3%	0%	2.1%		2.5%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & 176TH ST (DESHANE) - TMC

Fri Sep 21, 2018

AM Peak (Sep 21 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565479, Location: 40.049837, -85.941111



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-09-21 7:00AM	0	0	1	0	1	0	0	4	0	4	1	27	0	0	28	0	89	0	0	89	122
7:15AM	1	0	0	0	1	0	0	0	0	0	2	18	0	0	20	0	85	1	0	86	107
7:30AM	0	1	0	0	1	1	0	2	0	3	0	28	0	0	28	1	95	0	0	96	128
7:45AM	0	0	1	0	1	1	0	2	0	3	2	43	0	0	45	0	105	1	0	106	155
Total	1	1	2	0	4	2	0	8	0	10	5	116	0	0	121	1	374	2	0	377	512
% Approach	25.0%	25.0%	50.0%	0%	-	20.0%	0%	80.0%	0%	-	4.1%	95.9%	0%	0%	-	0.3%	99.2%	0.5%	0%	-	-
% Total	0.2%	0.2%	0.4%	0%	0.8%	0.4%	0%	1.6%	0%	2.0%	1.0%	22.7%	0%	0%	23.6%	0.2%	73.0%	0.4%	0%	73.6%	-
PHF	0.250	0.250	0.500	-	1.000	0.500	-	0.500	-	0.625	0.625	0.674	-	-	0.672	0.250	0.890	0.500	-	0.889	0.826
Lights and Motorcycles	1	1	2	0	4	2	0	6	0	8	5	113	0	0	118	1	363	2	0	366	496
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	0%	75.0%	0%	80.0%	100%	97.4%	0%	0%	97.5%	100%	97.1%	100%	0%	97.1%	96.9%
Heavy	0	0	0	0	0	0	0	2	0	2	0	3	0	0	3	0	11	0	0	11	16
% Heavy	0%	0%	0%	0%	0%	0%	0%	25.0%	0%	20.0%	0%	2.6%	0%	0%	2.5%	0%	2.9%	0%	0%	2.9%	3.1%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & 176TH ST (DESHANE) - TMC

Thu Sep 20, 2018

PM Peak (Sep 20 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565479, Location: 40.049837, -85.941111



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-20 4:45PM	0	0	0	0	0	1	0	1	0	2	0	89	0	0	89	0	51	0	0	51	142
5:00PM	1	0	1	0	2	0	0	0	0	0	1	84	1	0	86	0	54	1	0	55	143
5:15PM	0	0	0	0	0	0	0	2	0	2	1	128	0	0	129	0	55	1	0	56	187
5:30PM	0	0	0	0	0	0	1	1	0	2	3	98	1	0	102	0	43	0	0	43	147
Total	1	0	1	0	2	1	1	4	0	6	5	399	2	0	406	0	203	2	0	205	619
% Approach	50.0%	0%	50.0%	0%	-	16.7%	16.7%	66.7%	0%	-	1.2%	98.3%	0.5%	0%	-	0%	99.0%	1.0%	0%	-	-
% Total	0.2%	0%	0.2%	0%	0.3%	0.2%	0.2%	0.6%	0%	1.0%	0.8%	64.5%	0.3%	0%	65.6%	0%	32.8%	0.3%	0%	33.1%	-
PHF	0.250	-	0.250	-	0.250	0.250	0.250	0.500	-	0.750	0.417	0.779	0.500	-	0.787	-	0.923	0.500	-	0.915	0.828
Lights and Motorcycles	1	0	1	0	2	1	1	4	0	6	4	391	2	0	397	0	200	2	0	202	607
% Lights and Motorcycles	100%	0%	100%	0%	100%	100%	100%	100%	0%	100%	80.0%	98.0%	100%	0%	97.8%	0%	98.5%	100%	0%	98.5%	98.1%
Heavy	0	0	0	0	0	0	0	0	0	0	1	8	0	0	9	0	3	0	0	3	12
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20.0%	2.0%	0%	0%	2.2%	0%	1.5%	0%	0%	1.5%	1.9%

*L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & MALLERY RD (E 115TH ST) - TMC

Thu Feb 21, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641171, Location: 40.051401, -85.96243, Site Code: i-102



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-02-21 6:30AM	0	4	0	4	0	0	0	0	0	0	0	0	4
6:45AM	1	0	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	1	4	0	5	0	0	0	0	0	0	0	0	5
7:00AM	0	2	0	2	0	1	0	1	0	0	0	0	3
7:15AM	0	0	0	0	1	0	0	1	0	0	0	0	1
7:30AM	0	1	0	1	0	1	0	1	1	0	0	1	3
7:45AM	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly Total	0	3	0	3	1	2	0	3	2	0	0	2	8
8:00AM	0	1	0	1	0	0	0	0	0	0	0	0	1
8:15AM	0	1	0	1	0	0	0	0	2	0	0	2	3
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	2	0	2	0	0	0	0	2	0	0	2	4
3:00PM	0	1	0	1	1	0	0	1	0	0	0	0	2
3:15PM	0	2	0	2	0	1	0	1	1	0	0	1	4
3:30PM	1	2	0	3	1	3	0	4	2	1	0	3	10
3:45PM	0	4	0	4	1	0	0	1	0	0	0	0	5
Hourly Total	1	9	0	10	3	4	0	7	3	1	0	4	21
4:00PM	1	0	0	1	1	1	0	2	1	0	0	1	4
4:15PM	0	0	0	0	4	3	0	7	0	0	0	0	7
4:30PM	0	1	0	1	3	1	0	4	1	0	0	1	6
4:45PM	0	0	0	0	2	1	0	3	1	1	0	2	5
Hourly Total	1	1	0	2	10	6	0	16	3	1	0	4	22
5:00PM	0	1	0	1	4	2	0	6	0	1	0	1	8
5:15PM	0	0	0	0	2	6	0	8	0	0	0	0	8
5:30PM	1	1	0	2	0	2	0	2	1	1	0	2	6
5:45PM	0	1	0	1	3	1	0	4	5	0	0	5	10
Hourly Total	1	3	0	4	9	11	0	20	6	2	0	8	32
6:00PM	0	1	0	1	0	0	0	0	1	0	0	1	2
6:15PM	2	0	0	2	0	1	0	1	0	1	0	1	4
6:30PM	0	2	0	2	2	1	0	3	2	0	0	2	7
6:45PM	0	2	0	2	0	0	0	0	0	0	0	0	2
Hourly Total	2	5	0	7	2	2	0	4	3	1	0	4	15
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	6	27	0	33	25	25	0	50	19	5	0	24	107
% Approach	18.2%	81.8%	0%	-	50.0%	50.0%	0%	-	79.2%	20.8%	0%	-	-
% Total	5.6%	25.2%	0%	30.8%	23.4%	23.4%	0%	46.7%	17.8%	4.7%	0%	22.4%	-
Lights and Motorcycles	6	23	0	29	24	25	0	49	19	5	0	24	102
% Lights and Motorcycles	100%	85.2%	0%	87.9%	96.0%	100%	0%	98.0%	100%	100%	0%	100%	95.3%
Heavy	0	4	0	4	1	0	0	1	0	0	0	0	5
% Heavy	0%	14.8%	0%	12.1%	4.0%	0%	0%	2.0%	0%	0%	0%	0%	4.7%

*L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & MALLERY RD (E 115TH ST) - TMC

Thu Feb 21, 2019

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641171, Location: 40.051401, -85.96243, Site Code: i-102



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
Time													
2019-02-21 6:30AM	0	4	0	4	0	0	0	0	0	0	0	0	4
6:45AM	1	0	0	1	0	0	0	0	0	0	0	0	1
7:00AM	0	2	0	2	0	1	0	1	0	0	0	0	3
7:15AM	0	0	0	0	1	0	0	1	0	0	0	0	1
Total	1	6	0	7	1	1	0	2	0	0	0	0	9
% Approach	14.3%	85.7%	0%	-	50.0%	50.0%	0%	-	0%	0%	0%	-	-
% Total	11.1%	66.7%	0%	77.8%	11.1%	11.1%	0%	22.2%	0%	0%	0%	0%	-
PHF	0.250	0.375	-	0.438	0.250	0.250	-	0.500	-	-	-	-	0.563
Lights and Motorcycles	1	5	0	6	1	1	0	2	0	0	0	0	8
% Lights and Motorcycles	100%	83.3%	0%	85.7%	100%	100%	0%	100%	0%	0%	0%	-	88.9%
Heavy	0	1	0	1	0	0	0	0	0	0	0	0	1
% Heavy	0%	16.7%	0%	14.3%	0%	0%	0%	0%	0%	0%	0%	-	11.1%

* L: Left, R: Right, T: Thru, U: U-Turn

18 1ST ST & MALLERY RD (E 115TH ST) - TMC

Thu Feb 21, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641171, Location: 40.051401, -85.96243, Site Code: i-102



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-02-21 5:00PM	0	1	0	1	4	2	0	6	0	1	0	1	8
5:15PM	0	0	0	0	2	6	0	8	0	0	0	0	8
5:30PM	1	1	0	2	0	2	0	2	1	1	0	2	6
5:45PM	0	1	0	1	3	1	0	4	5	0	0	5	10
Total	1	3	0	4	9	11	0	20	6	2	0	8	32
% Approach	25.0%	75.0%	0%	-	45.0%	55.0%	0%	-	75.0%	25.0%	0%	-	-
% Total	3.1%	9.4%	0%	12.5%	28.1%	34.4%	0%	62.5%	18.8%	6.3%	0%	25.0%	-
PHF	0.250	0.750	-	0.500	0.563	0.458	-	0.625	0.300	0.500	-	0.400	0.800
Lights and Motorcycles	1	3	0	4	9	11	0	20	6	2	0	8	32
% Lights and Motorcycles	100%	100%	0%	100%	100%	100%	0%	100%	100%	100%	0%	100%	100%
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

* L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & PROMISE RD - TMC

Thu Feb 21, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641168, Location: 40.051049, -85.971907, Site Code: i-103



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-02-21 6:30AM	12	0	0	12	0	37	0	37	4	0	0	4	53
6:45AM	18	0	0	18	0	51	0	51	0	0	0	0	69
Hourly Total	30	0	0	30	0	88	0	88	4	0	0	4	122
7:00AM	29	1	0	30	0	42	0	42	2	0	0	2	74
7:15AM	21	1	0	22	0	56	0	56	0	0	0	0	78
7:30AM	18	0	0	18	1	65	0	66	0	1	0	1	85
7:45AM	30	0	0	30	0	60	0	60	2	0	0	2	92
Hourly Total	98	2	0	100	1	223	0	224	4	1	0	5	329
8:00AM	20	0	0	20	0	32	0	32	0	1	0	1	53
8:15AM	18	0	0	18	0	55	0	55	3	0	0	3	76
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	38	0	0	38	0	87	0	87	3	1	0	4	129
3:00PM	34	1	0	35	1	39	0	40	0	1	0	1	76
3:15PM	36	0	0	36	0	44	0	44	3	0	0	3	83
3:30PM	37	3	0	40	1	44	0	45	3	1	0	4	89
3:45PM	32	1	0	33	0	36	0	36	3	1	0	4	73
Hourly Total	139	5	0	144	2	163	0	165	9	3	0	12	321
4:00PM	40	1	0	41	1	39	0	40	1	0	0	1	82
4:15PM	40	6	0	46	2	57	0	59	0	0	0	0	105
4:30PM	58	2	0	60	0	56	0	56	2	0	0	2	118
4:45PM	47	4	0	51	0	59	0	59	1	0	0	1	111
Hourly Total	185	13	0	198	3	211	0	214	4	0	0	4	416
5:00PM	69	5	0	74	0	55	0	55	2	0	0	2	131
5:15PM	80	8	0	88	0	59	0	59	0	0	0	0	147
5:30PM	54	1	0	55	2	47	0	49	4	0	0	4	108
5:45PM	51	4	0	55	0	39	0	39	4	2	0	6	100
Hourly Total	254	18	0	272	2	200	0	202	10	2	0	12	486
6:00PM	43	0	0	43	0	41	0	41	2	0	0	2	86
6:15PM	49	1	0	50	0	33	0	33	0	0	0	0	83
6:30PM	36	3	0	39	0	20	0	20	4	0	0	4	63
6:45PM	33	0	0	33	0	19	0	19	2	0	0	2	54
Hourly Total	161	4	0	165	0	113	0	113	8	0	0	8	286
Total	905	42	0	947	8	1085	0	1093	42	7	0	49	2089
% Approach	95.6%	4.4%	0%	-	0.7%	99.3%	0%	-	85.7%	14.3%	0%	-	-
% Total	43.3%	2.0%	0%	45.3%	0.4%	51.9%	0%	52.3%	2.0%	0.3%	0%	2.3%	-
Lights and Motorcycles	889	41	0	930	8	1067	0	1075	40	4	0	44	2049
% Lights and Motorcycles	98.2%	97.6%	0%	98.2%	100%	98.3%	0%	98.4%	95.2%	57.1%	0%	89.8%	98.1%
Heavy	16	1	0	17	0	18	0	18	2	3	0	5	40
% Heavy	1.8%	2.4%	0%	1.8%	0%	1.7%	0%	1.6%	4.8%	42.9%	0%	10.2%	1.9%

*L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & PROMISE RD - TMC

Thu Feb 21, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641168, Location: 40.051049, -85.971907, Site Code: i-103



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-02-21 7:00AM	29	1	0	30	0	42	0	42	2	0	0	2	74
7:15AM	21	1	0	22	0	56	0	56	0	0	0	0	78
7:30AM	18	0	0	18	1	65	0	66	0	1	0	1	85
7:45AM	30	0	0	30	0	60	0	60	2	0	0	2	92
Total	98	2	0	100	1	223	0	224	4	1	0	5	329
% Approach	98.0%	2.0%	0%	-	0.4%	99.6%	0%	-	80.0%	20.0%	0%	-	-
% Total	29.8%	0.6%	0%	30.4%	0.3%	67.8%	0%	68.1%	1.2%	0.3%	0%	1.5%	-
PHF	0.817	0.500	-	0.833	0.250	0.858	-	0.848	0.500	0.250	-	0.625	0.894
Lights and Motorcycles	96	2	0	98	1	219	0	220	3	1	0	4	322
% Lights and Motorcycles	98.0%	100%	0%	98.0%	100%	98.2%	0%	98.2%	75.0%	100%	0%	80.0%	97.9%
Heavy	2	0	0	2	0	4	0	4	1	0	0	1	7
% Heavy	2.0%	0%	0%	2.0%	0%	1.8%	0%	1.8%	25.0%	0%	0%	20.0%	2.1%

* L: Left, R: Right, T: Thru, U: U-Turn

181ST ST & PROMISE RD - TMC

Thu Feb 21, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641168, Location: 40.051049, -85.971907, Site Code: i-103



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-02-21 4:30PM	58	2	0	60	0	56	0	56	2	0	0	2	118
4:45PM	47	4	0	51	0	59	0	59	1	0	0	1	111
5:00PM	69	5	0	74	0	55	0	55	2	0	0	2	131
5:15PM	80	8	0	88	0	59	0	59	0	0	0	0	147
Total	254	19	0	273	0	229	0	229	5	0	0	5	507
% Approach	93.0%	7.0%	0%	-	0%	100%	0%	-	100%	0%	0%	-	-
% Total	50.1%	3.7%	0%	53.8%	0%	45.2%	0%	45.2%	1.0%	0%	0%	1.0%	-
PHF	0.794	0.594	-	0.776	-	0.970	-	0.970	0.625	-	-	0.625	0.862
Lights and Motorcycles	252	19	0	271	0	229	0	229	4	0	0	4	504
% Lights and Motorcycles	99.2%	100%	0%	99.3%	0%	100%	0%	100%	80.0%	0%	0%	80.0%	99.4%
Heavy	2	0	0	2	0	0	0	0	1	0	0	1	3
% Heavy	0.8%	0%	0%	0.7%	0%	0%	0%	0%	20.0%	0%	0%	20.0%	0.6%

* L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & MONUMENT ST - TMC

Wed Feb 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619357, Location: 40.051086, -85.99572, Site Code: i-104



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-02-06 6:30AM	3	18	0	21	30	0	0	30	2	13	0	15	66
6:45AM	12	51	0	63	32	5	0	37	5	16	0	21	121
Hourly Total	15	69	0	84	62	5	0	67	7	29	0	36	187
7:00AM	61	150	0	211	81	19	0	100	5	10	0	15	326
7:15AM	71	158	0	229	91	30	0	121	5	13	0	18	368
7:30AM	7	43	0	50	102	14	0	116	5	15	0	20	186
7:45AM	11	45	0	56	45	8	0	53	7	16	0	23	132
Hourly Total	150	396	0	546	319	71	0	390	22	54	0	76	1012
8:00AM	8	25	0	33	37	8	0	45	5	19	0	24	102
8:15AM	13	36	0	49	44	8	0	52	5	16	0	21	122
8:30AM	1	0	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	22	61	0	83	81	16	0	97	10	35	0	45	225
3:00PM	28	46	0	74	78	4	0	82	3	18	0	21	177
3:15PM	18	57	0	75	61	7	0	68	9	17	0	26	169
3:30PM	19	60	0	79	74	17	0	91	7	21	0	28	198
3:45PM	24	58	0	82	70	6	0	76	6	30	0	36	194
Hourly Total	89	221	0	310	283	34	0	317	25	86	0	111	738
4:00PM	37	60	0	97	62	8	0	70	5	30	0	35	202
4:15PM	35	73	0	108	65	1	0	66	6	32	0	38	212
4:30PM	28	67	0	95	79	9	0	88	9	29	0	38	221
4:45PM	29	78	0	107	49	9	0	58	10	29	0	39	204
Hourly Total	129	278	0	407	255	27	0	282	30	120	0	150	839
5:00PM	22	74	0	96	74	9	0	83	5	26	0	31	210
5:15PM	18	76	0	94	54	7	0	61	6	32	0	38	193
5:30PM	17	71	0	88	46	4	0	50	8	19	0	27	165
5:45PM	20	75	0	95	51	7	0	58	7	22	0	29	182
Hourly Total	77	296	0	373	225	27	0	252	26	99	0	125	750
6:00PM	23	42	0	65	54	7	0	61	4	21	0	25	151
6:15PM	27	59	0	86	42	10	0	52	2	27	0	29	167
6:30PM	29	53	0	82	53	9	0	62	4	13	0	17	161
6:45PM	27	58	0	85	44	12	0	56	2	16	0	18	159
Hourly Total	106	212	0	318	193	38	0	231	12	77	0	89	638
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	588	1533	0	2121	1418	218	0	1636	132	500	0	632	4389
% Approach	27.7%	72.3%	0%	-	86.7%	13.3%	0%	-	20.9%	79.1%	0%	-	-
% Total	13.4%	34.9%	0%	48.3%	32.3%	5.0%	0%	37.3%	3.0%	11.4%	0%	14.4%	-
Lights and Motorcycles	578	1512	0	2090	1402	209	0	1611	126	485	0	611	4312
% Lights and Motorcycles	98.3%	98.6%	0%	98.5%	98.9%	95.9%	0%	98.5%	95.5%	97.0%	0%	96.7%	98.2%
Heavy	10	21	0	31	16	9	0	25	6	15	0	21	77
% Heavy	1.7%	1.4%	0%	1.5%	1.1%	4.1%	0%	1.5%	4.5%	3.0%	0%	3.3%	1.8%

*L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & MONUMENT ST - TMC

Wed Feb 6, 2019

AM Peak (7 AM - 8 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619357, Location: 40.051086, -85.99572, Site Code: i-104



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-02-06 7:00AM	61	150	0	211	81	19	0	100	5	10	0	15	326
7:15AM	71	158	0	229	91	30	0	121	5	13	0	18	368
7:30AM	7	43	0	50	102	14	0	116	5	15	0	20	186
7:45AM	11	45	0	56	45	8	0	53	7	16	0	23	132
Total	150	396	0	546	319	71	0	390	22	54	0	76	1012
% Approach	27.5%	72.5%	0%	-	81.8%	18.2%	0%	-	28.9%	71.1%	0%	-	-
% Total	14.8%	39.1%	0%	54.0%	31.5%	7.0%	0%	38.5%	2.2%	5.3%	0%	7.5%	-
PHF	0.528	0.627	-	0.596	0.782	0.592	-	0.806	0.786	0.844	-	0.826	0.688
Lights and Motorcycles	144	392	0	536	316	69	0	385	21	46	0	67	988
% Lights and Motorcycles	96.0%	99.0%	0%	98.2%	99.1%	97.2%	0%	98.7%	95.5%	85.2%	0%	88.2%	97.6%
Heavy	6	4	0	10	3	2	0	5	1	8	0	9	24
% Heavy	4.0%	1.0%	0%	1.8%	0.9%	2.8%	0%	1.3%	4.5%	14.8%	0%	11.8%	2.4%

* L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & MONUMENT ST - TMC

Wed Feb 6, 2019

PM Peak (4:15 PM - 5:15 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619357, Location: 40.051086, -85.99572, Site Code: i-104



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				
Time	L	T	U	App	T	R	U	App	L	R	U	App	Int
2019-02-06 4:15PM	35	73	0	108	65	1	0	66	6	32	0	38	212
4:30PM	28	67	0	95	79	9	0	88	9	29	0	38	221
4:45PM	29	78	0	107	49	9	0	58	10	29	0	39	204
5:00PM	22	74	0	96	74	9	0	83	5	26	0	31	210
Total	114	292	0	406	267	28	0	295	30	116	0	146	847
% Approach	28.1%	71.9%	0%	-	90.5%	9.5%	0%	-	20.5%	79.5%	0%	-	-
% Total	13.5%	34.5%	0%	47.9%	31.5%	3.3%	0%	34.8%	3.5%	13.7%	0%	17.2%	-
PHF	0.814	0.936	-	0.940	0.845	0.778	-	0.838	0.750	0.906	-	0.936	0.958
Lights and Motorcycles	114	292	0	406	266	27	0	293	30	115	0	145	844
% Lights and Motorcycles	100%	100%	0%	100%	99.6%	96.4%	0%	99.3%	100%	99.1%	0%	99.3%	99.6%
Heavy	0	0	0	0	1	1	0	2	0	1	0	1	3
% Heavy	0%	0%	0%	0%	0.4%	3.6%	0%	0.7%	0%	0.9%	0%	0.7%	0.4%

* L: Left, R: Right, T: Thru, U: U-Turn

MONUMENT ST & 16TH ST - TMC

Tue Feb 5, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619354, Location: 40.051125, -86.005188, Site Code: i-105



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-05																					
6:30AM	4	2	3	0	9	3	6	2	0	11	0	11	2	0	13	0	4	1	0	5	38
6:45AM	1	6	5	0	12	8	6	0	0	14	2	12	0	0	14	2	4	0	0	6	46
Hourly Total	5	8	8	0	21	11	12	2	0	25	2	23	2	0	27	2	8	1	0	11	84
7:00AM	0	26	16	0	42	18	11	3	0	32	1	89	1	0	91	2	9	10	0	21	186
7:15AM	3	26	23	0	52	9	27	1	0	37	1	56	2	0	59	7	24	10	0	41	189
7:30AM	4	6	3	0	13	9	26	3	0	38	0	9	3	0	12	3	24	8	0	35	98
7:45AM	1	6	3	0	10	3	10	1	0	14	2	9	1	0	12	2	9	2	0	13	49
Hourly Total	8	64	45	0	117	39	74	8	0	121	4	163	7	0	174	14	66	30	0	110	522
8:00AM	2	5	1	0	8	3	7	3	0	13	0	4	1	0	5	3	7	1	0	11	37
8:15AM	5	2	2	0	9	7	13	1	0	21	0	5	1	0	6	0	13	4	0	17	53
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	7	7	3	0	17	10	20	4	0	34	0	9	2	0	11	3	20	5	0	28	90
3:00PM	6	10	3	0	19	4	10	0	0	14	0	9	1	0	10	7	19	6	0	32	75
3:15PM	4	11	3	0	18	4	11	1	0	16	1	7	3	0	11	6	12	5	0	23	68
3:30PM	1	17	8	0	26	5	11	0	0	16	1	13	5	0	19	3	15	4	0	22	83
3:45PM	2	17	5	0	24	3	13	0	0	16	0	13	1	0	14	5	13	3	0	21	75
Hourly Total	13	55	19	0	87	16	45	1	0	62	2	42	10	0	54	21	59	18	0	98	301
4:00PM	3	17	4	0	24	3	9	2	0	14	0	9	2	0	11	7	24	5	0	36	85
4:15PM	3	23	9	0	35	6	13	3	0	22	3	16	1	0	20	7	13	7	0	27	104
4:30PM	0	26	10	0	36	7	9	0	0	16	1	14	3	0	18	7	21	7	0	35	105
4:45PM	1	29	12	0	42	6	9	1	0	16	2	14	2	0	18	4	17	10	0	31	107
Hourly Total	7	95	35	0	137	22	40	6	0	68	6	53	8	0	67	25	75	29	0	129	401
5:00PM	4	27	11	0	42	3	14	1	0	18	2	22	5	0	29	3	22	11	0	36	125
5:15PM	0	26	12	0	38	2	18	0	0	20	0	17	2	0	19	6	15	7	0	28	105
5:30PM	2	21	15	0	38	9	8	2	0	19	0	18	1	0	19	5	12	4	0	21	97
5:45PM	5	24	12	0	41	3	20	0	0	23	0	14	1	0	15	1	11	6	0	18	97
Hourly Total	11	98	50	0	159	17	60	3	0	80	2	71	9	0	82	15	60	28	0	103	424
6:00PM	2	15	3	0	20	10	12	0	0	22	4	14	0	0	18	5	11	7	0	23	83
6:15PM	0	18	3	0	21	9	7	1	0	17	0	9	3	0	12	4	18	8	0	30	80
6:30PM	2	16	5	0	23	3	8	0	0	11	2	10	4	0	16	3	6	2	0	11	61
6:45PM	1	17	7	0	25	4	10	1	0	15	0	20	0	0	20	3	10	5	0	18	78
Hourly Total	5	66	18	0	89	26	37	2	0	65	6	53	7	0	66	15	45	22	0	82	302
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	56	393	178	0	627	141	288	26	0	455	22	414	45	0	481	95	333	133	0	561	2124
% Approach	8.9%	62.7%	28.4%	0%	-	31.0%	63.3%	5.7%	0%	-	4.6%	86.1%	9.4%	0%	-	16.9%	59.4%	23.7%	0%	-	-
% Total	2.6%	18.5%	8.4%	0%	29.5%	6.6%	13.6%	1.2%	0%	21.4%	1.0%	19.5%	2.1%	0%	22.6%	4.5%	15.7%	6.3%	0%	26.4%	-
Lights and Motorcycles	52	377	177	0	606	131	272	25	0	428	22	408	41	0	471	93	328	125	0	546	2051
% Lights and Motorcycles	92.9%	95.9%	99.4%	0%	96.7%	92.9%	94.4%	96.2%	0%	94.1%	100%	98.6%	91.1%	0%	97.9%	97.9%	98.5%	94.0%	0%	97.3%	96.6%
Heavy	4	16	1	0	21	10	16	1	0	27	0	6	4	0	10	2	5	8	0	15	73
% Heavy	7.1%	4.1%	0.6%	0%	3.3%	7.1%	5.6%	3.8%	0%	5.9%	0%	1.4%	8.9%	0%	2.1%	2.1%	1.5%	6.0%	0%	2.7%	3.4%

*L: Left, R: Right, T: Thru, U: U-Turn

MONUMENT ST & 16TH ST - TMC

Tue Feb 5, 2019

AM Peak (7 AM - 8 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619354, Location: 40.051125, -86.005188, Site Code: i-105



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-02-05																									
7:00AM	0	26	16	0	42	18	11	3	0	32	1	89	1	0	91	2	9	10	0	21	186				
7:15AM	3	26	23	0	52	9	27	1	0	37	1	56	2	0	59	7	24	10	0	41	189				
7:30AM	4	6	3	0	13	9	26	3	0	38	0	9	3	0	12	3	24	8	0	35	98				
7:45AM	1	6	3	0	10	3	10	1	0	14	2	9	1	0	12	2	9	2	0	13	49				
Total	8	64	45	0	117	39	74	8	0	121	4	163	7	0	174	14	66	30	0	110	522				
% Approach	6.8%	54.7%	38.5%	0%	-	32.2%	61.2%	6.6%	0%	-	2.3%	93.7%	4.0%	0%	-	12.7%	60.0%	27.3%	0%	-	-				
% Total	1.5%	12.3%	8.6%	0%	22.4%	7.5%	14.2%	1.5%	0%	23.2%	0.8%	31.2%	1.3%	0%	33.3%	2.7%	12.6%	5.7%	0%	21.1%	-				
PHF	0.500	0.615	0.489	-	0.563	0.542	0.685	0.667	-	0.796	0.500	0.458	0.583	-	0.478	0.500	0.688	0.750	-	0.671	0.690				
Lights and Motorcycles	8	52	45	0	105	33	59	7	0	99	4	161	7	0	172	14	66	24	0	104	480				
% Lights and Motorcycles	100%	81.3%	100%	0%	89.7%	84.6%	79.7%	87.5%	0%	81.8%	100%	98.8%	100%	0%	98.9%	100%	100%	80.0%	0%	94.5%	92.0%				
Heavy	0	12	0	0	12	6	15	1	0	22	0	2	0	0	2	0	0	6	0	6	42				
% Heavy	0%	18.8%	0%	0%	10.3%	15.4%	20.3%	12.5%	0%	18.2%	0%	1.2%	0%	0%	1.1%	0%	0%	20.0%	0%	5.5%	8.0%				

*L: Left, R: Right, T: Thru, U: U-Turn

MONUMENT ST & 16TH ST - TMC

Tue Feb 5, 2019

PM Peak (4:30 PM - 5:30 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619354, Location: 40.051125, -86.005188, Site Code: i-105



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-02-05																						
4:30PM	0	26	10	0	36	7	9	0	0	16	1	14	3	0	18	7	21	7	0	35	105	
4:45PM	1	29	12	0	42	6	9	1	0	16	2	14	2	0	18	4	17	10	0	31	107	
5:00PM	4	27	11	0	42	3	14	1	0	18	2	22	5	0	29	3	22	11	0	36	125	
5:15PM	0	26	12	0	38	2	18	0	0	20	0	17	2	0	19	6	15	7	0	28	105	
Total	5	108	45	0	158	18	50	2	0	70	5	67	12	0	84	20	75	35	0	130	442	
% Approach	3.2%	68.4%	28.5%	0%	-	25.7%	71.4%	2.9%	0%	-	6.0%	79.8%	14.3%	0%	-	15.4%	57.7%	26.9%	0%	-	-	
% Total	1.1%	24.4%	10.2%	0%	35.7%	4.1%	11.3%	0.5%	0%	15.8%	1.1%	15.2%	2.7%	0%	19.0%	4.5%	17.0%	7.9%	0%	29.4%	-	
PHF	0.313	0.931	0.938	-	0.940	0.643	0.694	0.500	-	0.875	0.625	0.761	0.600	-	0.724	0.714	0.852	0.795	-	0.903	0.884	
Lights and Motorcycles	5	108	45	0	158	18	50	2	0	70	5	67	12	0	84	20	75	35	0	130	442	
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	

* L: Left, R: Right, T: Thru, U: U-Turn

MONUMENT ST & 10TH ST - TMC

Tue Feb 5, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619353, Location: 40.051136, -86.012233, Site Code: i-106



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-05																					
6:30AM	0	7	6	0	13	0	16	0	0	16	0	0	0	0	0	7	2	2	0	11	40
6:45AM	0	17	15	0	32	2	31	2	0	35	0	0	0	0	0	1	1	1	0	3	70
Hourly Total	0	24	21	0	45	2	47	2	0	51	0	0	0	0	0	8	3	3	0	14	110
7:00AM	0	27	92	0	119	12	30	0	0	42	0	1	1	0	2	6	3	7	0	16	179
7:15AM	1	34	35	0	70	9	55	1	0	65	0	3	0	0	3	17	6	6	0	29	167
7:30AM	0	20	9	0	29	5	59	4	0	68	1	1	2	0	4	18	9	4	0	31	132
7:45AM	0	8	11	0	19	12	67	8	0	87	0	2	0	0	2	6	4	0	0	10	118
Hourly Total	1	89	147	0	237	38	211	13	0	262	1	7	3	0	11	47	22	17	0	86	596
8:00AM	0	16	5	0	21	8	43	4	0	55	1	1	0	0	2	3	5	2	0	10	88
8:15AM	1	21	20	0	42	21	44	3	0	68	0	2	1	0	3	7	6	4	0	17	130
Hourly Total	1	37	25	0	63	29	87	7	0	123	1	3	1	0	5	10	11	6	0	27	218
3:00PM	0	37	22	0	59	13	29	0	0	42	0	0	0	0	0	9	7	2	0	18	119
3:15PM	4	54	14	0	72	11	30	0	0	41	1	0	1	0	2	8	6	5	0	19	134
3:30PM	2	57	15	0	74	1	32	1	0	34	0	1	1	0	2	14	9	4	0	27	137
3:45PM	1	63	9	0	73	4	32	0	0	36	0	2	1	0	3	11	7	1	0	19	131
Hourly Total	7	211	60	0	278	29	123	1	0	153	1	3	3	0	7	42	29	12	0	83	521
4:00PM	1	61	10	0	72	6	19	1	0	26	0	0	0	0	0	12	13	4	0	29	127
4:15PM	1	63	17	0	81	13	23	0	0	36	0	3	2	0	5	9	5	4	0	18	140
4:30PM	0	126	21	0	147	7	43	0	0	50	1	1	1	0	3	8	8	7	0	23	223
4:45PM	1	97	21	0	119	1	24	1	0	26	0	4	1	0	5	7	12	8	0	27	177
Hourly Total	3	347	69	0	419	27	109	2	0	138	1	8	4	0	13	36	38	23	0	97	667
5:00PM	0	99	25	0	124	2	22	2	0	26	0	2	1	1	4	14	5	5	0	24	178
5:15PM	1	73	16	0	90	1	36	2	0	39	1	2	2	0	5	8	10	2	0	20	154
5:30PM	0	77	24	0	101	2	27	0	0	29	0	1	1	0	2	11	2	2	0	15	147
5:45PM	0	68	16	0	84	4	27	1	0	32	0	1	1	0	2	4	8	4	0	16	134
Hourly Total	1	317	81	0	399	9	112	5	0	126	1	6	5	1	13	37	25	13	0	75	613
6:00PM	0	61	18	0	79	2	31	1	0	34	0	1	0	0	1	5	3	2	0	10	124
6:15PM	0	56	11	0	67	2	31	0	0	33	0	1	1	0	2	11	6	3	0	20	122
6:30PM	0	59	18	0	77	1	26	1	0	28	0	1	0	0	1	9	3	2	0	14	120
6:45PM	0	50	14	0	64	2	25	1	0	28	1	2	0	0	3	4	1	2	0	7	102
Hourly Total	0	226	61	0	287	7	113	3	0	123	1	5	1	0	7	29	13	9	0	51	468
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	13	1251	464	0	1728	141	802	33	0	976	6	32	17	1	56	209	141	83	0	433	3193
% Approach	0.8%	72.4%	26.9%	0%	-	14.4%	82.2%	3.4%	0%	-	10.7%	57.1%	30.4%	1.8%	-	48.3%	32.6%	19.2%	0%	-	-
% Total	0.4%	39.2%	14.5%	0%	54.1%	4.4%	25.1%	1.0%	0%	30.6%	0.2%	1.0%	0.5%	0%	1.8%	6.5%	4.4%	2.6%	0%	13.6%	-
Lights and Motorcycles	13	1230	455	0	1698	130	787	33	0	950	6	31	17	1	55	204	138	73	0	415	3118
% Lights and Motorcycles	100%	98.3%	98.1%	0%	98.3%	92.2%	98.1%	100%	0%	97.3%	100%	96.9%	100%	100%	98.2%	97.6%	97.9%	88.0%	0%	95.8%	97.7%
Heavy	0	21	9	0	30	11	15	0	0	26	0	1	0	0	1	5	3	10	0	18	75
% Heavy	0%	1.7%	1.9%	0%	1.7%	7.8%	1.9%	0%	0%	2.7%	0%	3.1%	0%	0%	1.8%	2.4%	2.1%	12.0%	0%	4.2%	2.3%

* L: Left, R: Right, T: Thru, U: U-Turn

MONUMENT ST & 10TH ST - TMC

Tue Feb 5, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619353, Location: 40.051136, -86.012233, Site Code: i-106



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-02-05																						
7:00AM	0	27	92	0	119	12	30	0	0	42	0	1	1	0	2	6	3	7	0	16	179	
7:15AM	1	34	35	0	70	9	55	1	0	65	0	3	0	0	3	17	6	6	0	29	167	
7:30AM	0	20	9	0	29	5	59	4	0	68	1	1	2	0	4	18	9	4	0	31	132	
7:45AM	0	8	11	0	19	12	67	8	0	87	0	2	0	0	2	6	4	0	0	10	118	
Total	1	89	147	0	237	38	211	13	0	262	1	7	3	0	11	47	22	17	0	86	596	
% Approach	0.4%	37.6%	62.0%	0%	-	14.5%	80.5%	5.0%	0%	-	9.1%	63.6%	27.3%	0%	-	54.7%	25.6%	19.8%	0%	-	-	
% Total	0.2%	14.9%	24.7%	0%	39.8%	6.4%	35.4%	2.2%	0%	44.0%	0.2%	1.2%	0.5%	0%	1.8%	7.9%	3.7%	2.9%	0%	14.4%	-	
PHF	0.250	0.654	0.399	-	0.498	0.792	0.787	0.406	-	0.753	0.250	0.583	0.375	-	0.688	0.653	0.611	0.607	-	0.694	0.832	
Lights and Motorcycles	1	85	147	0	233	36	208	13	0	257	1	7	3	0	11	46	21	16	0	83	584	
% Lights and Motorcycles	100%	95.5%	100%	0%	98.3%	94.7%	98.6%	100%	0%	98.1%	100%	100%	100%	0%	100%	97.9%	95.5%	94.1%	0%	96.5%	98.0%	
Heavy	0	4	0	0	4	2	3	0	0	5	0	0	0	0	0	1	1	1	0	3	12	
% Heavy	0%	4.5%	0%	0%	1.7%	5.3%	1.4%	0%	0%	1.9%	0%	0%	0%	0%	0%	2.1%	4.5%	5.9%	0%	3.5%	2.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

MONUMENT ST & 10TH ST - TMC

Tue Feb 5, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619353, Location: 40.051136, -86.012233, Site Code: i-106



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-05																					
4:30PM	0	126	21	0	147	7	43	0	0	50	1	1	1	0	3	8	8	7	0	23	223
4:45PM	1	97	21	0	119	1	24	1	0	26	0	4	1	0	5	7	12	8	0	27	177
5:00PM	0	99	25	0	124	2	22	2	0	26	0	2	1	1	4	14	5	5	0	24	178
5:15PM	1	73	16	0	90	1	36	2	0	39	1	2	2	0	5	8	10	2	0	20	154
Total	2	395	83	0	480	11	125	5	0	141	2	9	5	1	17	37	35	22	0	94	732
% Approach	0.4%	82.3%	17.3%	0%	-	7.8%	88.7%	3.5%	0%	-	11.8%	52.9%	29.4%	5.9%	-	39.4%	37.2%	23.4%	0%	-	-
% Total	0.3%	54.0%	11.3%	0%	65.6%	1.5%	17.1%	0.7%	0%	19.3%	0.3%	1.2%	0.7%	0.1%	2.3%	5.1%	4.8%	3.0%	0%	12.8%	-
PHF	0.500	0.784	0.830	-	0.816	0.393	0.727	0.625	-	0.705	0.500	0.563	0.625	0.250	0.850	0.661	0.729	0.688	-	0.870	0.821
Lights and Motorcycles	2	393	83	0	478	11	124	5	0	140	2	9	5	1	17	37	35	22	0	94	729
% Lights and Motorcycles	100%	99.5%	100%	0%	99.6%	100%	99.2%	100%	0%	99.3%	100%	100%	100%	100%	100%	100%	100%	100%	0%	100%	99.6%
Heavy	0	2	0	0	2	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	3
% Heavy	0%	0.5%	0%	0%	0.4%	0%	0.8%	0%	0%	0.7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.4%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & LOGAN ST - TMC

Thu May 16, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656591, Location: 40.049204, -86.025584, Site Code: i-107



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-16																						
6:30AM	0	41	3	0	44	22	80	1	0	103	1	6	0	0	7	15	17	13	0	45	199	
6:45AM	0	60	9	0	69	36	104	2	0	142	4	14	1	0	19	10	21	16	0	47	277	
Hourly Total	0	101	12	0	113	58	184	3	0	245	5	20	1	0	26	25	38	29	0	92	476	
7:00AM	2	57	5	0	64	72	83	1	0	156	5	39	0	0	44	6	26	13	0	45	309	
7:15AM	0	59	6	0	65	45	104	3	0	152	10	31	1	0	42	16	45	44	0	105	364	
7:30AM	5	67	3	0	75	35	112	4	0	151	4	19	2	0	25	17	56	31	0	104	355	
7:45AM	2	60	5	0	67	54	124	3	0	181	5	34	4	0	43	20	54	28	0	102	393	
Hourly Total	9	243	19	0	271	206	423	11	0	640	24	123	7	0	154	59	181	116	0	356	1421	
8:00AM	1	53	12	0	66	28	108	4	0	140	3	25	2	0	30	16	50	26	0	92	328	
8:15AM	4	50	12	0	66	43	101	3	0	147	2	33	3	0	38	32	41	25	0	98	349	
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	5	103	24	0	132	71	209	7	0	287	5	58	5	0	68	48	91	51	0	190	677	
3:00PM	3	94	17	0	114	24	84	1	0	109	12	49	7	0	68	28	53	64	0	145	436	
3:15PM	4	94	13	0	111	29	100	4	0	133	14	44	4	0	62	29	42	76	0	147	453	
3:30PM	6	90	23	0	119	35	88	2	0	125	11	46	3	0	60	28	37	53	0	118	422	
3:45PM	3	102	21	0	126	39	91	3	0	133	5	47	1	0	53	19	36	44	0	99	411	
Hourly Total	16	380	74	0	470	127	363	10	0	500	42	186	15	0	243	104	168	237	0	509	1722	
4:00PM	3	88	23	0	114	37	115	1	0	153	11	32	7	0	50	26	36	49	0	111	428	
4:15PM	3	99	17	0	119	36	112	4	0	152	11	53	4	0	68	25	50	36	0	111	450	
4:30PM	7	114	16	0	137	38	138	8	0	184	20	63	7	0	90	18	39	70	0	127	538	
4:45PM	5	113	13	0	131	59	133	10	0	202	15	68	5	0	88	27	44	70	0	141	562	
Hourly Total	18	414	69	0	501	170	498	23	0	691	57	216	23	0	296	96	169	225	0	490	1978	
5:00PM	8	107	28	0	143	54	133	7	0	194	22	67	8	0	97	19	43	57	0	119	553	
5:15PM	5	110	11	0	126	38	92	3	0	133	22	51	6	0	79	27	41	64	0	132	470	
5:30PM	3	117	17	0	137	49	99	1	0	149	18	46	5	0	69	22	29	48	0	99	454	
5:45PM	4	95	13	0	112	59	116	0	0	175	9	40	1	0	50	14	25	33	0	72	409	
Hourly Total	20	429	69	0	518	200	440	11	0	651	71	204	20	0	295	82	138	202	0	422	1886	
6:00PM	4	98	11	0	113	47	121	5	0	173	9	57	4	0	70	20	38	42	0	100	456	
6:15PM	6	80	16	0	102	81	110	3	0	194	5	61	6	0	72	17	21	25	0	63	431	
6:30PM	2	72	14	0	88	39	116	2	0	157	3	50	2	0	55	13	18	38	0	69	369	
6:45PM	1	84	13	0	98	26	84	3	0	113	6	38	3	0	47	15	17	45	0	77	335	
Hourly Total	13	334	54	0	401	193	431	13	0	637	23	206	15	0	244	65	94	150	0	309	1591	
Total	81	2004	321	0	2406	1025	2548	78	0	3651	227	1013	86	0	1326	479	879	1010	0	2368	9751	
% Approach	3.4%	83.3%	13.3%	0%	-	28.1%	69.8%	2.1%	0%	-	17.1%	76.4%	6.5%	0%	-	20.2%	37.1%	42.7%	0%	-	-	
% Total	0.8%	20.6%	3.3%	0%	24.7%	10.5%	26.1%	0.8%	0%	37.4%	2.3%	10.4%	0.9%	0%	13.6%	4.9%	9.0%	10.4%	0%	24.3%	-	
Lights and Motorcycles	79	1932	311	0	2322	1005	2486	75	0	3566	221	986	86	0	1293	475	863	995	0	2333	9514	
% Lights and Motorcycles	97.5%	96.4%	96.9%	0%	96.5%	98.0%	97.6%	96.2%	0%	97.7%	97.4%	97.3%	100%	0%	97.5%	99.2%	98.2%	98.5%	0%	98.5%	97.6%	
Heavy	2	72	10	0	84	20	62	3	0	85	6	27	0	0	33	4	16	15	0	35	237	
% Heavy	2.5%	3.6%	3.1%	0%	3.5%	2.0%	2.4%	3.8%	0%	2.3%	2.6%	2.7%	0%	0%	2.5%	0.8%	1.8%	1.5%	0%	1.5%	2.4%	

* L: Left, R: Right, T: Thru, U: U-Turn

SR38 & LOGAN ST - TMC

Thu May 16, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656591, Location: 40.049204, -86.025584, Site Code: i-107



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-05-16																						
7:15AM	0	59	6	0	65	45	104	3	0	152	10	31	1	0	42	16	45	44	0	105	364	
7:30AM	5	67	3	0	75	35	112	4	0	151	4	19	2	0	25	17	56	31	0	104	355	
7:45AM	2	60	5	0	67	54	124	3	0	181	5	34	4	0	43	20	54	28	0	102	393	
8:00AM	1	53	12	0	66	28	108	4	0	140	3	25	2	0	30	16	50	26	0	92	328	
Total	8	239	26	0	273	162	448	14	0	624	22	109	9	0	140	69	205	129	0	403	1440	
% Approach	2.9%	87.5%	9.5%	0%	-	26.0%	71.8%	2.2%	0%	-	15.7%	77.9%	6.4%	0%	-	17.1%	50.9%	32.0%	0%	-	-	
% Total	0.6%	16.6%	1.8%	0%	19.0%	11.3%	31.1%	1.0%	0%	43.3%	1.5%	7.6%	0.6%	0%	9.7%	4.8%	14.2%	9.0%	0%	28.0%	-	
PHF	0.400	0.892	0.542	-	0.910	0.750	0.903	0.875	-	0.862	0.550	0.801	0.563	-	0.814	0.863	0.915	0.733	-	0.960	0.916	
Lights and Motorcycles	8	223	25	0	256	161	439	14	0	614	20	100	9	0	129	68	198	121	0	387	1386	
% Lights and Motorcycles	100%	93.3%	96.2%	0%	93.8%	99.4%	98.0%	100%	0%	98.4%	90.9%	91.7%	100%	0%	92.1%	98.6%	96.6%	93.8%	0%	96.0%	96.3%	
Heavy	0	16	1	0	17	1	9	0	0	10	2	9	0	0	11	1	7	8	0	16	54	
% Heavy	0%	6.7%	3.8%	0%	6.2%	0.6%	2.0%	0%	0%	1.6%	9.1%	8.3%	0%	0%	7.9%	1.4%	3.4%	6.2%	0%	4.0%	3.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & LOGAN ST - TMC

Thu May 16, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656591, Location: 40.049204, -86.025584, Site Code: i-107



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-16																						
4:30PM	7	114	16	0	137	38	138	8	0	184	20	63	7	0	90	18	39	70	0	127	538	
4:45PM	5	113	13	0	131	59	133	10	0	202	15	68	5	0	88	27	44	70	0	141	562	
5:00PM	8	107	28	0	143	54	133	7	0	194	22	67	8	0	97	19	43	57	0	119	553	
5:15PM	5	110	11	0	126	38	92	3	0	133	22	51	6	0	79	27	41	64	0	132	470	
Total	25	444	68	0	537	189	496	28	0	713	79	249	26	0	354	91	167	261	0	519	2123	
% Approach	4.7%	82.7%	12.7%	0%	-	26.5%	69.6%	3.9%	0%	-	22.3%	70.3%	7.3%	0%	-	17.5%	32.2%	50.3%	0%	-	-	
% Total	1.2%	20.9%	3.2%	0%	25.3%	8.9%	23.4%	1.3%	0%	33.6%	3.7%	11.7%	1.2%	0%	16.7%	4.3%	7.9%	12.3%	0%	24.4%	-	
PHF	0.781	0.974	0.607	-	0.939	0.801	0.899	0.700	-	0.882	0.898	0.915	0.813	-	0.912	0.843	0.949	0.932	-	0.920	0.944	
Lights and Motorcycles	24	433	67	0	524	186	486	25	0	697	79	247	26	0	352	91	165	260	0	516	2089	
% Lights and Motorcycles	96.0%	97.5%	98.5%	0%	97.6%	98.4%	98.0%	89.3%	0%	97.8%	100%	99.2%	100%	0%	99.4%	100%	98.8%	99.6%	0%	99.4%	98.4%	
Heavy	1	11	1	0	13	3	10	3	0	16	0	2	0	0	2	0	2	1	0	3	34	
% Heavy	4.0%	2.5%	1.5%	0%	2.4%	1.6%	2.0%	10.7%	0%	2.2%	0%	0.8%	0%	0%	0.6%	0%	1.2%	0.4%	0%	0.6%	1.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & RIVER RD - TMC

Thu Apr 25, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647302, Location: 40.051065, -86.02727, Site Code: i-107



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-25																					
6:30AM	4	0	0	0	4	0	2	0	0	2	1	105	28	0	134	0	61	0	0	61	201
6:45AM	9	0	0	0	9	1	2	0	0	3	0	157	28	0	185	0	65	0	0	65	262
Hourly Total	13	0	0	0	13	1	4	0	0	5	1	262	56	0	319	0	126	0	0	126	463
7:00AM	8	0	0	0	8	1	2	3	0	6	0	184	26	0	210	1	98	0	0	99	323
7:15AM	14	0	0	0	14	0	3	5	0	8	0	160	48	0	208	0	91	1	0	92	322
7:30AM	7	0	1	0	8	2	7	0	0	9	0	149	29	0	178	1	114	0	0	115	310
7:45AM	12	1	1	0	14	1	3	0	0	4	0	191	38	0	229	1	107	0	0	108	355
Hourly Total	41	1	2	0	44	4	15	8	0	27	0	684	141	0	825	3	410	1	0	414	1310
8:00AM	5	2	3	0	10	3	3	0	0	6	1	148	26	0	175	1	89	1	0	91	282
8:15AM	8	1	2	0	11	2	3	0	0	5	1	143	33	0	177	0	86	2	0	88	281
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	13	3	5	0	21	5	6	0	0	11	2	291	59	0	352	1	175	3	0	179	563
3:00PM	13	3	4	0	20	1	1	0	0	2	2	98	19	0	119	4	182	0	0	186	327
3:15PM	12	3	2	0	17	0	3	2	0	5	2	122	19	0	143	0	164	2	0	166	331
3:30PM	12	1	3	0	16	0	2	3	0	5	5	122	15	0	142	1	175	3	0	179	342
3:45PM	19	1	4	0	24	3	2	3	0	8	5	146	17	0	168	2	151	4	0	157	357
Hourly Total	56	8	13	0	77	4	8	8	0	20	14	488	70	0	572	7	672	9	0	688	1357
4:00PM	9	1	1	0	11	1	0	4	0	5	3	161	20	0	184	3	159	3	0	165	365
4:15PM	13	3	3	0	19	3	1	1	0	5	2	157	28	0	187	0	201	4	0	205	416
4:30PM	26	2	5	0	33	0	2	2	0	4	1	155	29	0	185	1	186	4	0	191	413
4:45PM	8	0	4	0	12	2	0	1	0	3	7	168	29	0	204	1	186	6	0	193	412
Hourly Total	56	6	13	0	75	6	3	8	0	17	13	641	106	0	760	5	732	17	0	754	1606
5:00PM	10	2	5	0	17	0	0	1	0	1	1	173	21	0	195	3	217	3	0	223	436
5:15PM	15	3	2	0	20	0	0	7	0	7	3	181	21	0	205	1	206	1	0	208	440
5:30PM	12	2	5	0	19	0	1	3	0	4	4	209	25	0	238	0	179	7	0	186	447
5:45PM	8	4	5	0	17	0	1	0	0	1	1	160	25	0	186	0	172	1	0	173	377
Hourly Total	45	11	17	0	73	0	2	11	0	13	9	723	92	0	824	4	774	12	0	790	1700
6:00PM	7	2	4	0	13	2	1	2	0	5	3	153	17	0	173	2	140	5	0	147	338
6:15PM	15	2	2	0	19	0	0	1	0	1	1	150	20	0	171	0	149	3	0	152	343
6:30PM	8	2	0	0	10	1	0	0	0	1	1	115	17	0	133	0	132	3	0	135	279
6:45PM	12	1	1	0	14	1	2	0	0	3	2	104	10	0	116	0	117	5	0	122	255
Hourly Total	42	7	7	0	56	4	3	3	0	10	7	522	64	0	593	2	538	16	0	556	1215
Total	266	36	57	0	359	24	41	38	0	103	46	3611	588	0	4245	22	3427	58	0	3507	8214
% Approach	74.1%	10.0%	15.9%	0%	-	23.3%	39.8%	36.9%	0%	-	1.1%	85.1%	13.9%	0%	-	0.6%	97.7%	1.7%	0%	-	-
% Total	3.2%	0.4%	0.7%	0%	4.4%	0.3%	0.5%	0.5%	0%	1.3%	0.6%	44.0%	7.2%	0%	51.7%	0.3%	41.7%	0.7%	0%	42.7%	-
Lights and Motorcycles	249	36	57	0	342	24	41	37	0	102	45	3536	560	0	4141	21	3344	57	0	3422	8007
% Lights and Motorcycles	93.6%	100%	100%	0%	95.3%	100%	100%	97.4%	0%	99.0%	97.8%	97.9%	95.2%	0%	97.6%	95.5%	97.6%	98.3%	0%	97.6%	97.5%
Heavy	17	0	0	0	17	0	0	1	0	1	1	75	28	0	104	1	83	1	0	85	207
% Heavy	6.4%	0%	0%	0%	4.7%	0%	0%	2.6%	0%	1.0%	2.2%	2.1%	4.8%	0%	2.4%	4.5%	2.4%	1.7%	0%	2.4%	2.5%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & RIVER RD - TMC

Thu Apr 25, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647302, Location: 40.051065, -86.02727, Site Code: i-107



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-25																						
7:00AM	8	0	0	0	8	1	2	3	0	6	0	184	26	0	210	1	98	0	0	99	323	
7:15AM	14	0	0	0	14	0	3	5	0	8	0	160	48	0	208	0	91	1	0	92	322	
7:30AM	7	0	1	0	8	2	7	0	0	9	0	149	29	0	178	1	114	0	0	115	310	
7:45AM	12	1	1	0	14	1	3	0	0	4	0	191	38	0	229	1	107	0	0	108	355	
Total	41	1	2	0	44	4	15	8	0	27	0	684	141	0	825	3	410	1	0	414	1310	
% Approach	93.2%	2.3%	4.5%	0%	-	14.8%	55.6%	29.6%	0%	-	0%	82.9%	17.1%	0%	-	0.7%	99.0%	0.2%	0%	-	-	
% Total	3.1%	0.1%	0.2%	0%	3.4%	0.3%	1.1%	0.6%	0%	2.1%	0%	52.2%	10.8%	0%	63.0%	0.2%	31.3%	0.1%	0%	31.6%	-	
PHF	0.732	0.250	0.500	-	0.786	0.500	0.536	0.400	-	0.750	-	0.895	0.734	-	0.901	0.750	0.899	0.250	-	0.900	0.923	
Lights and Motorcycles	37	1	2	0	40	4	15	8	0	27	0	664	129	0	793	3	385	1	0	389	1249	
% Lights and Motorcycles	90.2%	100%	100%	0%	90.9%	100%	100%	100%	0%	100%	0%	97.1%	91.5%	0%	96.1%	100%	93.9%	100%	0%	94.0%	95.3%	
Heavy	4	0	0	0	4	0	0	0	0	0	0	20	12	0	32	0	25	0	0	25	61	
% Heavy	9.8%	0%	0%	0%	9.1%	0%	0%	0%	0%	0%	0%	2.9%	8.5%	0%	3.9%	0%	6.1%	0%	0%	6.0%	4.7%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & RIVER RD - TMC

Thu Apr 25, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647302, Location: 40.051065, -86.02727, Site Code: i-107



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2019-04-25																										
4:45PM	8	0	4	0	12	2	0	1	0	3	7	168	29	0	204	1	186	6	0	193						412
5:00PM	10	2	5	0	17	0	0	1	0	1	1	173	21	0	195	3	217	3	0	223						436
5:15PM	15	3	2	0	20	0	0	7	0	7	3	181	21	0	205	1	206	1	0	208						440
5:30PM	12	2	5	0	19	0	1	3	0	4	4	209	25	0	238	0	179	7	0	186						447
Total	45	7	16	0	68	2	1	12	0	15	15	731	96	0	842	5	788	17	0	810						1735
% Approach	66.2%	10.3%	23.5%	0%	-	13.3%	6.7%	80.0%	0%	-	1.8%	86.8%	11.4%	0%	-	0.6%	97.3%	2.1%	0%	-						-
% Total	2.6%	0.4%	0.9%	0%	3.9%	0.1%	0.1%	0.7%	0%	0.9%	0.9%	42.1%	5.5%	0%	48.5%	0.3%	45.4%	1.0%	0%	46.7%						-
PHF	0.750	0.583	0.800	-	0.850	0.250	0.250	0.429	-	0.536	0.536	0.874	0.828	-	0.884	0.417	0.908	0.607	-	0.908						0.970
Lights and Motorcycles	44	7	16	0	67	2	1	12	0	15	15	725	96	0	836	4	781	17	0	802						1720
% Lights and Motorcycles	97.8%	100%	100%	0%	98.5%	100%	100%	100%	0%	100%	100%	99.2%	100%	0%	99.3%	80.0%	99.1%	100%	0%	99.0%						99.1%
Heavy	1	0	0	0	1	0	0	0	0	0	0	6	0	0	6	1	7	0	0	8						15
% Heavy	2.2%	0%	0%	0%	1.5%	0%	0%	0%	0%	0%	0%	0.8%	0%	0%	0.7%	20.0%	0.9%	0%	0%	1.0%						0.9%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & HAGUE RD - TMC

Tue Apr 23, 2019

Full Length (7 PM-7 PM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646826, Location: 40.055052, -86.038266, Site Code: i-109



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-23																					
7:00PM	11	40	0	0	51	19	33	24	0	76	28	89	5	0	122	1	105	23	0	129	378
7:15PM	9	40	1	0	50	28	77	34	0	139	19	67	4	0	90	0	100	26	0	126	405
7:30PM	8	32	0	0	40	16	27	29	0	72	17	75	2	0	94	0	95	32	0	127	333
7:45PM	4	28	0	0	32	14	29	14	0	57	17	72	0	0	89	1	123	24	0	148	326
Hourly Total	32	140	1	0	173	77	166	101	0	344	81	303	11	0	395	2	423	105	0	530	1442
8:00PM	4	46	0	0	50	9	27	22	0	58	15	63	2	0	80	0	92	27	0	119	307
8:15PM	7	28	1	0	36	15	34	29	0	78	16	58	1	0	75	0	116	34	0	150	339
8:30PM	6	28	1	0	35	11	15	15	0	41	14	57	0	0	71	1	67	23	0	91	238
8:45PM	4	29	1	0	34	15	16	12	0	43	12	59	1	0	72	0	71	16	0	87	236
Hourly Total	21	131	3	0	155	50	92	78	0	220	57	237	4	0	298	1	346	100	0	447	1120
9:00PM	4	17	0	0	21	9	19	14	0	42	13	32	0	0	45	1	74	18	0	93	201
9:15PM	1	17	0	0	18	6	10	13	0	29	10	31	1	0	42	0	62	23	0	85	174
9:30PM	4	18	0	0	22	7	11	3	0	21	3	27	0	0	30	0	50	10	0	60	133
9:45PM	3	10	1	0	14	5	8	5	0	18	4	20	0	0	24	1	56	7	0	64	120
Hourly Total	12	62	1	0	75	27	48	35	0	110	30	110	1	0	141	2	242	58	0	302	628
10:00PM	2	16	0	0	18	7	4	3	0	14	8	24	0	0	32	0	32	13	0	45	109
10:15PM	2	5	0	0	7	6	0	2	0	8	4	19	0	0	23	0	34	3	0	37	75
10:30PM	3	8	0	0	11	0	2	3	0	5	4	19	1	0	24	0	23	5	0	28	68
10:45PM	2	7	0	0	9	3	3	3	0	9	4	9	0	0	13	0	18	3	0	21	52
Hourly Total	9	36	0	0	45	16	9	11	0	36	20	71	1	0	92	0	107	24	0	131	304
11:00PM	2	2	0	0	4	3	4	0	0	7	0	13	0	0	13	0	21	7	0	28	52
11:15PM	0	7	0	0	7	0	2	1	0	3	3	12	0	0	15	0	21	2	0	23	48
11:30PM	0	8	0	0	8	2	3	1	0	6	2	11	0	0	13	0	15	3	0	18	45
11:45PM	0	2	0	0	2	4	0	1	0	5	1	5	0	0	6	0	8	2	0	10	23
Hourly Total	2	19	0	0	21	9	9	3	0	21	6	41	0	0	47	0	65	14	0	79	168
2019-04-24																					
12:00AM	1	2	0	0	3	0	0	1	0	1	0	7	0	0	7	0	10	4	0	14	25
12:15AM	0	0	0	0	0	0	0	2	0	2	1	2	0	0	3	0	5	4	0	9	14
12:30AM	0	3	1	0	4	0	3	2	0	5	2	5	0	0	7	0	3	2	0	5	21
12:45AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	2	1	0	3	9
Hourly Total	1	5	1	0	7	0	3	5	0	8	3	20	0	0	23	0	20	11	0	31	69
1:00AM	0	1	1	0	2	0	0	1	0	1	0	5	0	0	5	0	4	3	0	7	15
1:15AM	0	0	0	0	0	1	1	1	0	3	2	2	0	0	4	0	3	2	0	5	12
1:30AM	0	0	0	0	0	0	0	2	0	2	0	3	0	0	3	0	1	2	0	3	8
1:45AM	1	0	0	0	1	1	0	2	0	3	1	1	0	0	2	0	3	1	0	4	10
Hourly Total	1	1	1	0	3	2	1	6	0	9	3	11	0	0	14	0	11	8	0	19	45
2:00AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	6	0	0	6	8
2:15AM	0	1	0	0	1	0	0	1	0	1	0	2	0	0	2	0	6	0	0	6	10
2:30AM	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	0	2	1	0	3	6
2:45AM	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	0	3	0	0	3	5
Hourly Total	0	1	0	0	1	1	2	2	0	5	1	4	0	0	5	0	17	1	0	18	29
3:00AM	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	0	1	1	0	2	5
3:15AM	0	1	0	0	1	0	0	1	0	1	0	5	0	0	5	0	4	0	0	4	11
3:30AM	0	2	0	0	2	1	1	2	0	4	1	13	0	0	14	0	5	1	0	6	26
3:45AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	2
Hourly Total	0	3	0	0	3	1	2	3	0	6	1	21	0	0	22	0	11	2	0	13	44
4:00AM	0	1	0	0	1	2	2	1	0	5	0	4	0	0	4	0	4	1	0	5	15
4:15AM	0	0	0	0	0	2	2	1	0	5	1	11	0	0	12	0	9	0	0	9	26
4:30AM	0	0	0	0	0	3	6	2	0	11	1	18	0	0	19	0	6	0	0	6	36
4:45AM	0	2	0	0	2	3	4	3	0	10	0	20	0	0	20	0	16	0	0	16	48
Hourly Total	0	3	0	0	3	10	14	7	0	31	2	53	0	0	55	0	35	1	0	36	125
5:00AM	0	0	0	0	0	4	6	2	0	12	3	19	0	0	22	0	10	1	0	11	45
5:15AM	0	0	0	0	0	6	17	7	0	30	3	37	1	0	41	0	15	0	0	15	86
5:30AM	1	1	0	0	2	11	15	10	0	36	4	36	0	0	40	0	29	3	0	32	110
5:45AM	0	4	0	0	4	20	12	10	0	42	7	48	0	0	55	0	19	4	0	23	124

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
Hourly Total	1	5	0	0	6	41	50	29	0	120	17	140	1	0	158	0	73	8	0	81	365
6:00AM	3	7	0	0	10	23	32	18	0	73	8	64	1	0	73	1	38	8	0	47	203
6:15AM	1	2	0	0	3	22	40	20	0	82	11	65	3	0	79	0	39	1	0	40	204
6:30AM	0	17	0	0	17	30	56	33	0	119	13	109	0	0	122	1	60	1	0	62	320
6:45AM	3	28	0	0	31	22	52	48	0	122	36	163	1	0	200	2	60	9	0	71	424
Hourly Total	7	54	0	0	61	97	180	119	0	396	68	401	5	0	474	4	197	19	0	220	1151
7:00AM	5	46	0	0	51	41	47	46	0	134	43	221	6	0	270	1	82	17	0	100	555
7:15AM	0	28	3	0	31	49	57	70	0	176	41	146	4	0	191	2	103	17	0	122	520
7:30AM	1	20	1	0	22	39	71	50	0	160	16	165	4	1	186	0	86	12	0	98	466
7:45AM	6	26	0	0	32	38	61	46	0	145	27	176	7	0	210	1	81	19	0	101	488
Hourly Total	12	120	4	0	136	167	236	212	0	615	127	708	21	1	857	4	352	65	0	421	2029
8:00AM	0	18	0	0	18	35	43	61	0	139	15	139	4	0	158	0	88	11	0	99	414
8:15AM	2	20	0	0	22	31	60	39	0	130	22	155	6	0	183	0	88	11	0	99	434
8:30AM	6	51	0	0	57	22	40	24	0	86	43	157	4	0	204	1	80	28	0	109	456
8:45AM	4	17	1	0	22	33	50	36	0	119	20	153	6	0	179	1	71	14	0	86	406
Hourly Total	12	106	1	0	119	121	193	160	0	474	100	604	20	0	724	2	327	64	0	393	1710
9:00AM	5	20	0	0	25	24	27	25	0	76	15	97	4	0	116	0	81	14	0	95	312
9:15AM	5	17	0	0	22	31	36	20	0	87	9	95	6	0	110	0	74	13	0	87	306
9:30AM	3	15	1	0	19	17	27	20	0	64	12	102	3	0	117	2	77	20	0	99	299
9:45AM	7	17	2	0	26	19	24	20	0	63	11	112	4	0	127	0	78	19	0	97	313
Hourly Total	20	69	3	0	92	91	114	85	0	290	47	406	17	0	470	2	310	66	0	378	1230
10:00AM	5	17	0	0	22	21	32	10	0	63	13	73	5	0	91	1	74	17	0	92	268
10:15AM	6	22	0	0	28	27	28	7	0	62	15	99	0	0	114	0	68	17	0	85	289
10:30AM	4	21	0	0	25	21	25	7	0	53	8	107	2	0	117	0	76	21	0	97	292
10:45AM	4	25	3	0	32	21	23	17	0	61	19	105	2	0	126	3	87	22	0	112	331
Hourly Total	19	85	3	0	107	90	108	41	0	239	55	384	9	0	448	4	305	77	0	386	1180
11:00AM	11	17	1	0	29	27	24	14	0	65	11	103	7	0	121	2	82	14	0	98	313
11:15AM	9	19	1	0	29	23	24	16	0	63	17	104	8	0	129	0	106	21	0	127	348
11:30AM	8	20	3	0	31	24	21	9	0	54	16	100	6	0	122	0	87	13	0	100	307
11:45AM	6	27	0	0	33	26	21	15	0	62	13	95	4	0	112	3	79	18	0	100	307
Hourly Total	34	83	5	0	122	100	90	54	0	244	57	402	25	0	484	5	354	66	0	425	1275
12:00PM	6	25	2	0	33	24	23	6	0	53	14	98	3	0	115	0	114	23	0	137	338
12:15PM	3	33	1	0	37	14	25	12	0	51	17	99	3	0	119	0	83	25	0	108	315
12:30PM	8	29	0	0	37	18	25	12	0	55	24	120	6	0	150	1	83	26	0	110	352
12:45PM	9	32	1	0	42	30	16	19	0	65	9	122	10	0	141	0	102	28	0	130	378
Hourly Total	26	119	4	0	149	86	89	49	0	224	64	439	22	0	525	1	382	102	0	485	1383
1:00PM	10	19	1	0	30	17	21	10	0	48	17	88	3	0	108	2	108	29	0	139	325
1:15PM	5	43	0	0	48	13	22	14	0	49	18	88	2	0	108	2	97	21	0	120	325
1:30PM	3	28	2	0	33	23	19	12	0	54	30	88	7	0	125	1	85	34	0	120	332
1:45PM	10	23	1	0	34	25	24	18	0	67	15	116	4	0	135	1	91	27	0	119	355
Hourly Total	28	113	4	0	145	78	86	54	0	218	80	380	16	0	476	6	381	111	0	498	1337
2:00PM	9	34	1	0	44	24	30	23	0	77	20	79	2	0	101	0	107	25	0	132	354
2:15PM	13	37	1	0	51	29	38	25	0	92	21	93	0	0	114	3	151	27	0	181	438
2:30PM	5	27	2	0	34	26	30	25	0	81	18	119	5	0	142	3	133	32	0	168	425
2:45PM	14	43	0	0	57	23	22	22	0	67	19	124	3	0	146	3	128	35	0	166	436
Hourly Total	41	141	4	0	186	102	120	95	0	317	78	415	10	0	503	9	519	119	0	647	1653
3:00PM	5	49	2	0	56	29	45	27	0	101	33	120	3	0	156	1	142	24	0	167	480
3:15PM	9	44	1	0	54	28	30	36	0	94	34	125	6	0	165	1	122	32	0	155	468
3:30PM	9	41	2	0	52	22	38	30	0	90	29	116	1	0	146	0	155	29	0	184	472
3:45PM	15	34	1	0	50	40	36	27	0	103	28	138	3	0	169	2	136	31	0	169	491
Hourly Total	38	168	6	0	212	119	149	120	0	388	124	499	13	0	636	4	555	116	0	675	1911
4:00PM	14	44	0	0	58	25	35	31	0	91	39	141	3	0	183	1	117	34	0	152	484
4:15PM	14	46	0	0	60	28	26	21	0	75	43	171	2	0	216	1	162	28	0	191	542
4:30PM	13	65	2	0	80	35	41	23	0	99	44	172	7	0	223	2	181	33	0	216	618
4:45PM	12	61	2	0	75	29	39	33	0	101	79	176	6	0	261	2	168	63	0	233	670
Hourly Total	53	216	4	0	273	117	141	108	0	366	205	660	18	0	883	6	628	158	0	792	2314
5:00PM	24	76	2	0	102	22	42	34	0	98	64	204	4	0	272	1	178	44	0	223	695
5:15PM	12	85	4	0	101	32	37	41	0	110	71	215	1	0	287	2	176	51	0	229	727
5:30PM	7	71	12	0	90	28	34	36	0	98	71	184	2	0	257	2	152	34	0	188	633
5:45PM	9	65	7	0	81	18	29	31	0	78	50	195	5	0	250	1	161	40	0	202	611
Hourly Total	52	297	25	0	374	100	142	142	0	384	256	798	12	0	1066	6	667	169	0	842	2666
6:00PM	15	54	3	0	72	22	40	25	0	87	55	168	2	0	225	2	160	27	0	189	573

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
6:15PM	17	60	2	0	79	22	32	40	0	94	61	142	4	0	207	2	148	45	0	195	575
6:30PM	10	46	1	0	57	26	41	34	0	101	36	126	1	0	163	0	116	36	0	152	473
6:45PM	5	38	0	0	43	20	24	18	0	62	21	92	6	0	119	1	107	31	0	139	363
Hourly Total	47	198	6	0	251	90	137	117	0	344	173	528	13	0	714	5	531	139	0	675	1984
Total	468	2175	76	0	2719	1592	2181	1636	0	5409	1655	7635	219	1	9510	63	6858	1603	0	8524	26162
% Approach	17.2%	80.0%	2.8%	0%	-	29.4%	40.3%	30.2%	0%	-	17.4%	80.3%	2.3%	0%	-	0.7%	80.5%	18.8%	0%	-	-
% Total	1.8%	8.3%	0.3%	0%	10.4%	6.1%	8.3%	6.3%	0%	20.7%	6.3%	29.2%	0.8%	0%	36.4%	0.2%	26.2%	6.1%	0%	32.6%	-
Lights and Motorcycles	433	2058	74	0	2565	1529	2087	1554	0	5170	1566	7380	202	1	9149	61	6624	1546	0	8231	25115
% Lights and Motorcycles	92.5%	94.6%	97.4%	0%	94.3%	96.0%	95.7%	95.0%	0%	95.6%	94.6%	96.7%	92.2%	100%	96.2%	96.8%	96.6%	96.4%	0%	96.6%	96.0%
Heavy	35	117	2	0	154	63	94	82	0	239	89	255	17	0	361	2	234	57	0	293	1047
% Heavy	7.5%	5.4%	2.6%	0%	5.7%	4.0%	4.3%	5.0%	0%	4.4%	5.4%	3.3%	7.8%	0%	3.8%	3.2%	3.4%	3.6%	0%	3.4%	4.0%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & HAGUE RD - TMC

Wed Apr 24, 2019

AM Peak (Apr 24 2019 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646826, Location: 40.055052, -86.038266, Site Code: i-109



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-24 7:00AM	5	46	0	0	51	41	47	46	0	134	43	221	6	0	270	1	82	17	0	100	555
7:15AM	0	28	3	0	31	49	57	70	0	176	41	146	4	0	191	2	103	17	0	122	520
7:30AM	1	20	1	0	22	39	71	50	0	160	16	165	4	1	186	0	86	12	0	98	466
7:45AM	6	26	0	0	32	38	61	46	0	145	27	176	7	0	210	1	81	19	0	101	488
Total	12	120	4	0	136	167	236	212	0	615	127	708	21	1	857	4	352	65	0	421	2029
% Approach	8.8%	88.2%	2.9%	0%	-	27.2%	38.4%	34.5%	0%	-	14.8%	82.6%	2.5%	0.1%	-	1.0%	83.6%	15.4%	0%	-	-
% Total	0.6%	5.9%	0.2%	0%	6.7%	8.2%	11.6%	10.4%	0%	30.3%	6.3%	34.9%	1.0%	0%	42.2%	0.2%	17.3%	3.2%	0%	20.7%	-
PHF	0.500	0.652	0.333	-	0.667	0.852	0.831	0.757	-	0.874	0.738	0.801	0.750	0.250	0.794	0.500	0.854	0.855	-	0.863	0.914
Lights and Motorcycles	9	104	3	0	116	153	229	203	0	585	119	692	19	1	831	4	330	60	0	394	1926
% Lights and Motorcycles	75.0%	86.7%	75.0%	0%	85.3%	91.6%	97.0%	95.8%	0%	95.1%	93.7%	97.7%	90.5%	100%	97.0%	100%	93.8%	92.3%	0%	93.6%	94.9%
Heavy	3	16	1	0	20	14	7	9	0	30	8	16	2	0	26	0	22	5	0	27	103
% Heavy	25.0%	13.3%	25.0%	0%	14.7%	8.4%	3.0%	4.2%	0%	4.9%	6.3%	2.3%	9.5%	0%	3.0%	0%	6.3%	7.7%	0%	6.4%	5.1%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & HAGUERD - TMC

Wed Apr 24, 2019

PM Peak (Apr 24 2019 4:45PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646826, Location: 40.055052, -86.038266, Site Code: i-109



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-24 4:45PM	12	61	2	0	75	29	39	33	0	101	79	176	6	0	261	2	168	63	0	233	670
5:00PM	24	76	2	0	102	22	42	34	0	98	64	204	4	0	272	1	178	44	0	223	695
5:15PM	12	85	4	0	101	32	37	41	0	110	71	215	1	0	287	2	176	51	0	229	727
5:30PM	7	71	12	0	90	28	34	36	0	98	71	184	2	0	257	2	152	34	0	188	633
Total	55	293	20	0	368	111	152	144	0	407	285	779	13	0	1077	7	674	192	0	873	2725
% Approach	14.9%	79.6%	5.4%	0%	-	27.3%	37.3%	35.4%	0%	-	26.5%	72.3%	1.2%	0%	-	0.8%	77.2%	22.0%	0%	-	-
% Total	2.0%	10.8%	0.7%	0%	13.5%	4.1%	5.6%	5.3%	0%	14.9%	10.5%	28.6%	0.5%	0%	39.5%	0.3%	24.7%	7.0%	0%	32.0%	-
PHF	0.573	0.862	0.417	-	0.902	0.867	0.905	0.878	-	0.925	0.902	0.906	0.542	-	0.938	0.875	0.947	0.762	-	0.937	0.937
Lights and Motorcycles	54	290	20	0	364	110	152	141	0	403	279	772	13	0	1064	7	666	188	0	861	2692
% Lights and Motorcycles	98.2%	99.0%	100%	0%	98.9%	99.1%	100%	97.9%	0%	99.0%	97.9%	99.1%	100%	0%	98.8%	100%	98.8%	97.9%	0%	98.6%	98.8%
Heavy	1	3	0	0	4	1	0	3	0	4	6	7	0	0	13	0	8	4	0	12	33
% Heavy	1.8%	1.0%	0%	0%	1.1%	0.9%	0%	2.1%	0%	1.0%	2.1%	0.9%	0%	0%	1.2%	0%	1.2%	2.1%	0%	1.4%	1.2%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & MOONTOWN RD - TMC

Tue Aug 21, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555458, Location: 40.043013, -86.089789, Site Code: I-110

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-21																					
3:00PM	3	8	18	0	29	5	8	6	0	19	8	164	12	0	184	13	135	10	0	158	390
3:15PM	13	12	22	0	47	11	11	9	0	31	8	196	14	0	218	20	167	5	0	192	488
3:30PM	9	14	24	0	47	4	5	11	0	20	8	179	9	0	196	25	148	7	0	180	443
3:45PM	14	11	25	0	50	7	14	6	0	27	21	198	9	0	228	18	179	14	0	211	516
Hourly Total	39	45	89	0	173	27	38	32	0	97	45	737	44	0	826	76	629	36	0	741	1837
4:00PM	11	9	32	0	52	9	12	4	0	25	4	204	9	0	217	10	159	8	0	177	471
4:15PM	7	18	29	0	54	18	6	11	0	35	14	219	14	0	247	15	164	14	0	193	529
4:30PM	6	16	27	0	49	11	14	11	0	36	16	223	11	0	250	15	150	11	0	176	511
4:45PM	10	18	26	0	54	7	8	8	0	23	16	197	11	0	224	19	193	15	0	227	528
Hourly Total	34	61	114	0	209	45	40	34	0	119	50	843	45	0	938	59	666	48	0	773	2039
5:00PM	17	15	37	0	69	13	18	8	0	39	11	207	14	0	232	21	152	11	0	184	524
5:15PM	11	17	49	0	77	4	17	7	0	28	19	225	15	0	259	30	157	11	0	198	562
5:30PM	16	30	30	0	76	9	10	9	0	28	12	212	16	0	240	17	118	9	0	144	488
5:45PM	11	16	25	0	52	9	11	3	0	23	15	213	13	0	241	15	147	8	0	170	486
Hourly Total	55	78	141	0	274	35	56	27	0	118	57	857	58	0	972	83	574	39	0	696	2060
6:00PM	10	13	24	0	47	14	11	16	0	41	21	163	18	0	202	26	137	12	0	175	465
6:15PM	11	13	21	0	45	6	11	2	0	19	12	193	13	0	218	7	128	9	0	144	426
6:30PM	12	9	20	0	41	5	9	8	0	22	16	188	13	0	217	14	127	7	0	148	428
6:45PM	6	12	25	0	43	5	4	10	0	19	12	116	12	0	140	13	87	8	0	108	310
Hourly Total	39	47	90	0	176	30	35	36	0	101	61	660	56	0	777	60	479	36	0	575	1629
7:00PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
2018-08-22																					
6:30AM	5	3	5	0	13	3	10	10	0	23	0	73	1	0	74	10	136	1	0	147	257
6:45AM	3	6	11	0	20	12	9	11	0	32	2	90	2	0	94	17	196	7	0	220	366
Hourly Total	8	9	16	0	33	15	19	21	0	55	2	163	3	0	168	27	332	8	0	367	623
7:00AM	8	4	18	0	30	15	7	13	0	35	4	94	5	0	103	18	235	6	0	259	427
7:15AM	3	4	17	0	24	9	9	7	0	25	2	96	1	0	99	13	204	3	0	220	368
7:30AM	6	11	20	0	37	12	17	12	0	41	2	123	3	0	128	14	204	9	0	227	433
7:45AM	7	14	21	0	42	11	17	13	0	41	3	120	11	0	134	22	184	4	0	210	427
Hourly Total	24	33	76	0	133	47	50	45	0	142	11	433	20	0	464	67	827	22	0	916	1655
8:00AM	11	5	14	0	30	15	16	11	0	42	3	129	6	0	138	20	178	2	0	200	410
8:15AM	10	8	22	0	40	8	24	10	0	42	8	137	14	0	159	16	181	12	0	209	450
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	21	13	36	0	70	23	40	21	0	84	11	266	20	0	297	36	359	14	0	409	860
Total	220	286	562	0	1068	222	278	216	0	716	237	3960	246	0	4443	408	3866	203	0	4477	10704
% Approach	20.6%	26.8%	52.6%	0%	-	31.0%	38.8%	30.2%	0%	-	5.3%	89.1%	5.5%	0%	-	9.1%	86.4%	4.5%	0%	-	-
% Total	2.1%	2.7%	5.3%	0%	10.0%	2.1%	2.6%	2.0%	0%	6.7%	2.2%	37.0%	2.3%	0%	41.5%	3.8%	36.1%	1.9%	0%	41.8%	-
Lights and Motorcycles	212	281	544	0	1037	213	268	210	0	691	228	3779	237	0	4244	403	3691	193	0	4287	10259
% Lights and Motorcycles	96.4%	98.3%	96.8%	0%	97.1%	95.9%	96.4%	97.2%	0%	96.5%	96.2%	95.4%	96.3%	0%	95.5%	98.8%	95.5%	95.1%	0%	95.8%	95.8%
Heavy	8	5	18	0	31	9	10	6	0	25	9	181	9	0	199	5	175	10	0	190	445
% Heavy	3.6%	1.7%	3.2%	0%	2.9%	4.1%	3.6%	2.8%	0%	3.5%	3.8%	4.6%	3.7%	0%	4.5%	1.2%	4.5%	4.9%	0%	4.2%	4.2%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & MOONTOWN RD - TMC

Wed Aug 22, 2018

AM Peak (Aug 22 2018 7:30AM - 8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555458, Location: 40.043013, -86.089789, Site Code: I-110

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-08-22																						
7:30AM	6	11	20	0	37	12	17	12	0	41	2	123	3	0	128	14	204	9	0	227	433	
7:45AM	7	14	21	0	42	11	17	13	0	41	3	120	11	0	134	22	184	4	0	210	427	
8:00AM	11	5	14	0	30	15	16	11	0	42	3	129	6	0	138	20	178	2	0	200	410	
8:15AM	10	8	22	0	40	8	24	10	0	42	8	137	14	0	159	16	181	12	0	209	450	
Total	34	38	77	0	149	46	74	46	0	166	16	509	34	0	559	72	747	27	0	846	1720	
% Approach	22.8%	25.5%	51.7%	0%	-	27.7%	44.6%	27.7%	0%	-	2.9%	91.1%	6.1%	0%	-	8.5%	88.3%	3.2%	0%	-	-	
% Total	2.0%	2.2%	4.5%	0%	8.7%	2.7%	4.3%	2.7%	0%	9.7%	0.9%	29.6%	2.0%	0%	32.5%	4.2%	43.4%	1.6%	0%	49.2%	-	
PHF	0.773	0.679	0.875	-	0.887	0.767	0.771	0.885	-	0.988	0.500	0.929	0.607	-	0.879	0.818	0.915	0.563	-	0.932	0.956	
Lights and Motorcycles	32	37	73	0	142	45	73	45	0	163	11	458	29	0	498	70	681	26	0	777	1580	
% Lights and Motorcycles	94.1%	97.4%	94.8%	0%	95.3%	97.8%	98.6%	97.8%	0%	98.2%	68.8%	90.0%	85.3%	0%	89.1%	97.2%	91.2%	96.3%	0%	91.8%	91.9%	
Heavy	2	1	4	0	7	1	1	1	0	3	5	51	5	0	61	2	66	1	0	69	140	
% Heavy	5.9%	2.6%	5.2%	0%	4.7%	2.2%	1.4%	2.2%	0%	1.8%	31.3%	10.0%	14.7%	0%	10.9%	2.8%	8.8%	3.7%	0%	8.2%	8.1%	

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & MOONTOWN RD - TMC

Tue Aug 21, 2018

PM Peak (Aug 21 2018 4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555458, Location: 40.043013, -86.089789, Site Code: I-110

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-08-21																						
4:30PM	6	16	27	0	49	11	14	11	0	36	16	223	11	0	250	15	150	11	0	176	511	
4:45PM	10	18	26	0	54	7	8	8	0	23	16	197	11	0	224	19	193	15	0	227	528	
5:00PM	17	15	37	0	69	13	18	8	0	39	11	207	14	0	232	21	152	11	0	184	524	
5:15PM	11	17	49	0	77	4	17	7	0	28	19	225	15	0	259	30	157	11	0	198	562	
Total	44	66	139	0	249	35	57	34	0	126	62	852	51	0	965	85	652	48	0	785	2125	
% Approach	17.7%	26.5%	55.8%	0%	-	27.8%	45.2%	27.0%	0%	-	6.4%	88.3%	5.3%	0%	-	10.8%	83.1%	6.1%	0%	-	-	
% Total	2.1%	3.1%	6.5%	0%	11.7%	1.6%	2.7%	1.6%	0%	5.9%	2.9%	40.1%	2.4%	0%	45.4%	4.0%	30.7%	2.3%	0%	36.9%	-	
PHF	0.647	0.917	0.709	-	0.808	0.673	0.792	0.773	-	0.808	0.816	0.947	0.850	-	0.931	0.708	0.845	0.800	-	0.865	0.945	
Lights and Motorcycles	43	65	139	0	247	35	57	33	0	125	62	839	50	0	951	84	636	47	0	767	2090	
% Lights and Motorcycles	97.7%	98.5%	100%	0%	99.2%	100%	100%	97.1%	0%	99.2%	100%	98.5%	98.0%	0%	98.5%	98.8%	97.5%	97.9%	0%	97.7%	98.4%	
Heavy	1	1	0	0	2	0	0	1	0	1	0	13	1	0	14	1	16	1	0	18	35	
% Heavy	2.3%	1.5%	0%	0%	0.8%	0%	0%	2.9%	0%	0.8%	0%	1.5%	2.0%	0%	1.5%	1.2%	2.5%	2.1%	0%	2.3%	1.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO RD & SR 32 - TMC

Tue Aug 21, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555465, Location: 40.043244, -86.070886, Site Code: I-111

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-21																					
3:00PM	25	31	40	0	96	16	28	12	0	56	11	129	28	0	168	40	161	17	0	218	538
3:15PM	26	49	44	0	119	23	36	20	0	79	23	156	26	0	205	39	151	12	1	203	606
3:30PM	30	49	46	0	125	20	40	10	0	70	31	165	35	0	231	34	159	15	0	208	634
3:45PM	30	44	48	0	122	21	43	17	0	81	21	169	29	0	219	48	165	15	0	228	650
Hourly Total	111	173	178	0	462	80	147	59	0	286	86	619	118	0	823	161	636	59	1	857	2428
4:00PM	35	44	51	0	130	22	31	22	0	75	29	141	34	0	204	34	145	17	0	196	605
4:15PM	28	76	65	0	169	24	46	21	0	91	26	204	23	0	253	42	132	15	0	189	702
4:30PM	34	62	42	0	138	31	53	13	0	97	15	198	22	0	235	44	167	21	0	232	702
4:45PM	33	67	51	0	151	31	53	24	0	108	30	142	25	0	197	49	150	7	0	206	662
Hourly Total	130	249	209	0	588	108	183	80	0	371	100	685	104	0	889	169	594	60	0	823	2671
5:00PM	38	87	44	0	169	25	60	12	0	97	24	158	26	0	208	43	119	19	0	181	655
5:15PM	34	72	59	0	165	24	82	11	0	117	38	181	33	0	252	42	145	13	0	200	734
5:30PM	32	85	74	0	191	28	50	14	0	92	26	189	37	0	252	47	119	17	0	183	718
5:45PM	43	65	47	0	155	17	56	13	0	86	32	178	28	0	238	29	115	10	0	154	633
Hourly Total	147	309	224	0	680	94	248	50	0	392	120	706	124	0	950	161	498	59	0	718	2740
6:00PM	39	62	47	0	148	23	59	12	0	94	22	146	31	0	199	34	139	18	0	191	632
6:15PM	27	70	59	0	156	23	55	13	1	92	24	149	23	0	196	35	102	7	0	144	588
6:30PM	16	45	45	2	108	19	43	9	0	71	20	151	20	0	191	31	90	5	0	126	496
6:45PM	29	40	44	0	113	12	41	9	0	62	16	96	14	0	126	30	77	10	0	117	418
Hourly Total	111	217	195	2	525	77	198	43	1	319	82	542	88	0	712	130	408	40	0	578	2134
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-08-22																					
6:30AM	11	15	19	0	45	11	74	14	0	99	2	60	11	0	73	34	150	2	0	186	403
6:45AM	24	21	47	0	92	18	73	20	0	111	8	98	14	0	120	30	175	6	0	211	534
Hourly Total	35	36	66	0	137	29	147	34	0	210	10	158	25	0	193	64	325	8	0	397	937
7:00AM	22	26	62	0	110	23	68	11	0	102	2	107	29	0	138	38	193	8	0	239	589
7:15AM	23	45	41	0	109	29	88	19	0	136	2	93	18	0	113	41	166	7	0	214	572
7:30AM	18	26	23	0	67	20	71	13	0	104	5	103	19	0	127	60	187	12	0	259	557
7:45AM	29	35	49	0	113	27	71	22	1	121	5	127	21	0	153	49	151	15	0	215	602
Hourly Total	92	132	175	0	399	99	298	65	1	463	14	430	87	0	531	188	697	42	0	927	2320
8:00AM	33	37	35	0	105	18	62	31	0	111	12	106	29	0	147	44	140	12	1	197	560
8:15AM	38	34	45	0	117	14	109	27	0	150	9	117	21	0	147	52	149	14	0	215	629
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	71	71	80	0	222	32	171	58	0	261	21	223	50	0	294	96	289	26	1	412	1189
Total	697	1187	1127	2	3013	519	1392	389	2	2302	433	3363	596	0	4392	969	3447	294	2	4712	14419
% Approach	23.1%	39.4%	37.4%	0.1%	-	22.5%	60.5%	16.9%	0.1%	-	9.9%	76.6%	13.6%	0%	-	20.6%	73.2%	6.2%	0%	-	-
% Total	4.8%	8.2%	7.8%	0%	20.9%	3.6%	9.7%	2.7%	0%	16.0%	3.0%	23.3%	4.1%	0%	30.5%	6.7%	23.9%	2.0%	0%	32.7%	-
Lights and Motorcycles	673	1173	1089	2	2937	498	1377	367	2	2244	418	3186	569	0	4173	940	3267	276	2	4485	13839
% Lights and Motorcycles	96.6%	98.8%	96.6%	100%	97.5%	96.0%	98.9%	94.3%	100%	97.5%	96.5%	94.7%	95.5%	0%	95.0%	97.0%	94.8%	93.9%	100%	95.2%	96.0%
Heavy	24	14	38	0	76	21	15	22	0	58	15	177	27	0	219	29	180	18	0	227	580
% Heavy	3.4%	1.2%	3.4%	0%	2.5%	4.0%	1.1%	5.7%	0%	2.5%	3.5%	5.3%	4.5%	0%	5.0%	3.0%	5.2%	6.1%	0%	4.8%	4.0%

*L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO RD & SR 32 - TMC

Wed Aug 22, 2018

AM Peak (Aug 22 2018 7:30AM - 8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555465, Location: 40.043244, -86.070886, Site Code: I-111

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-08-22																						
7:30AM	18	26	23	0	67	20	71	13	0	104	5	103	19	0	127	60	187	12	0	259	557	
7:45AM	29	35	49	0	113	27	71	22	1	121	5	127	21	0	153	49	151	15	0	215	602	
8:00AM	33	37	35	0	105	18	62	31	0	111	12	106	29	0	147	44	140	12	1	197	560	
8:15AM	38	34	45	0	117	14	109	27	0	150	9	117	21	0	147	52	149	14	0	215	629	
Total	118	132	152	0	402	79	313	93	1	486	31	453	90	0	574	205	627	53	1	886	2348	
% Approach	29.4%	32.8%	37.8%	0%	-	16.3%	64.4%	19.1%	0.2%	-	5.4%	78.9%	15.7%	0%	-	23.1%	70.8%	6.0%	0.1%	-	-	
% Total	5.0%	5.6%	6.5%	0%	17.1%	3.4%	13.3%	4.0%	0%	20.7%	1.3%	19.3%	3.8%	0%	24.4%	8.7%	26.7%	2.3%	0%	37.7%	-	
PHF	0.776	0.892	0.776	-	0.859	0.731	0.718	0.750	0.250	0.810	0.646	0.892	0.776	-	0.938	0.854	0.838	0.883	0.250	0.855	0.933	
Lights and Motorcycles	112	129	149	0	390	71	311	82	1	465	26	409	83	0	518	195	551	46	1	793	2166	
% Lights and Motorcycles	94.9%	97.7%	98.0%	0%	97.0%	89.9%	99.4%	88.2%	100%	95.7%	83.9%	90.3%	92.2%	0%	90.2%	95.1%	87.9%	86.8%	100%	89.5%	92.2%	
Heavy	6	3	3	0	12	8	2	11	0	21	5	44	7	0	56	10	76	7	0	93	182	
% Heavy	5.1%	2.3%	2.0%	0%	3.0%	10.1%	0.6%	11.8%	0%	4.3%	16.1%	9.7%	7.8%	0%	9.8%	4.9%	12.1%	13.2%	0%	10.5%	7.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

LITTLE CHICAGO RD & SR 32 - TMC

Tue Aug 21, 2018

PM Peak (Aug 21 2018 4:45PM - 5:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555465, Location: 40.043244, -86.070886, Site Code: I-111

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-08-21 4:45PM	33	67	51	0	151	31	53	24	0	108	30	142	25	0	197	49	150	7	0	206	662
5:00PM	38	87	44	0	169	25	60	12	0	97	24	158	26	0	208	43	119	19	0	181	655
5:15PM	34	72	59	0	165	24	82	11	0	117	38	181	33	0	252	42	145	13	0	200	734
5:30PM	32	85	74	0	191	28	50	14	0	92	26	189	37	0	252	47	119	17	0	183	718
Total	137	311	228	0	676	108	245	61	0	414	118	670	121	0	909	181	533	56	0	770	2769
% Approach	20.3%	46.0%	33.7%	0%	-	26.1%	59.2%	14.7%	0%	-	13.0%	73.7%	13.3%	0%	-	23.5%	69.2%	7.3%	0%	-	-
% Total	4.9%	11.2%	8.2%	0%	24.4%	3.9%	8.8%	2.2%	0%	15.0%	4.3%	24.2%	4.4%	0%	32.8%	6.5%	19.2%	2.0%	0%	27.8%	-
PHF	0.901	0.894	0.770	-	0.885	0.871	0.747	0.635	-	0.885	0.776	0.886	0.818	-	0.902	0.923	0.888	0.737	-	0.934	0.943
Lights and Motorcycles	135	310	225	0	670	106	244	60	0	410	118	658	119	0	895	177	522	56	0	755	2730
% Lights and Motorcycles	98.5%	99.7%	98.7%	0%	99.1%	98.1%	99.6%	98.4%	0%	99.0%	100%	98.2%	98.3%	0%	98.5%	97.8%	97.9%	100%	0%	98.1%	98.6%
Heavy	2	1	3	0	6	2	1	1	0	4	0	12	2	0	14	4	11	0	0	15	39
% Heavy	1.5%	0.3%	1.3%	0%	0.9%	1.9%	0.4%	1.6%	0%	1.0%	0%	1.8%	1.7%	0%	1.5%	2.2%	2.1%	0%	0%	1.9%	1.4%

*L: Left, R: Right, T: Thru, U: U-Turn

MILL CREEK RD & SR 32 - TMC

Tue Aug 21, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555477, Location: 40.043298, -86.061215, Site Code: I-112

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-21 3:00PM	1	7	0	8	176	2	0	178	5	213	0	218	404
3:15PM	1	1	0	2	215	0	0	215	6	207	0	213	430
3:30PM	2	13	0	15	215	4	0	219	4	222	0	226	460
3:45PM	4	7	0	11	228	4	0	232	7	203	1	211	454
Hourly Total	8	28	0	36	834	10	0	844	22	845	1	868	1748
4:00PM	3	10	0	13	205	2	0	207	5	194	0	199	419
4:15PM	2	10	0	12	268	2	0	270	9	198	0	207	489
4:30PM	6	13	0	19	263	2	0	265	9	219	0	228	512
4:45PM	2	11	0	13	223	1	0	224	4	208	0	212	449
Hourly Total	13	44	0	57	959	7	0	966	27	819	0	846	1869
5:00PM	0	10	0	10	222	3	0	225	8	191	0	199	434
5:15PM	2	8	0	10	260	6	0	266	9	192	0	201	477
5:30PM	4	16	0	20	283	4	0	287	14	188	0	202	509
5:45PM	1	7	0	8	229	5	0	234	7	166	0	173	415
Hourly Total	7	41	0	48	994	18	0	1012	38	737	0	775	1835
6:00PM	2	8	0	10	200	5	0	205	7	182	0	189	404
6:15PM	4	6	0	10	218	3	0	221	4	139	0	143	374
6:30PM	5	7	0	12	209	7	0	216	6	122	0	128	356
6:45PM	0	7	0	7	145	4	0	149	5	123	0	128	284
Hourly Total	11	28	0	39	772	19	0	791	22	566	0	588	1418
2018-08-22 6:30AM	4	5	0	9	86	0	0	86	3	189	0	192	287
6:45AM	0	17	0	17	157	13	0	170	18	204	0	222	409
Hourly Total	4	22	0	26	243	13	0	256	21	393	0	414	696
7:00AM	4	18	0	22	189	4	0	193	6	227	0	233	448
7:15AM	2	9	0	11	164	4	0	168	11	206	0	217	396
7:30AM	2	10	0	12	138	5	0	143	15	250	0	265	420
7:45AM	4	13	0	17	200	4	0	204	7	204	0	211	432
Hourly Total	12	50	0	62	691	17	0	708	39	887	0	926	1696
8:00AM	5	6	0	11	158	3	0	161	8	193	0	201	373
8:15AM	7	9	0	16	175	7	0	182	18	211	0	229	427
Hourly Total	12	15	0	27	333	10	0	343	26	404	0	430	800
Total	67	228	0	295	4826	94	0	4920	195	4651	1	4847	10062
% Approach	22.7%	77.3%	0%	-	98.1%	1.9%	0%	-	4.0%	96.0%	0%	-	-
% Total	0.7%	2.3%	0%	2.9%	48.0%	0.9%	0%	48.9%	1.9%	46.2%	0%	48.2%	-
Lights and Motorcycles	60	218	0	278	4590	82	0	4672	181	4429	1	4611	9561
% Lights and Motorcycles	89.6%	95.6%	0%	94.2%	95.1%	87.2%	0%	95.0%	92.8%	95.2%	100%	95.1%	95.0%
Heavy	7	10	0	17	236	12	0	248	14	222	0	236	501
% Heavy	10.4%	4.4%	0%	5.8%	4.9%	12.8%	0%	5.0%	7.2%	4.8%	0%	4.9%	5.0%

* L: Left, R: Right, T: Thru, U: U-Turn

MILL CREEK RD & SR 32 - TMC

Wed Aug 22, 2018

AM Peak (Aug 22 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555477, Location: 40.043298, -86.061215, Site Code: I-112

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-22 7:00AM	4	18	0	22	189	4	0	193	6	227	0	233	448
7:15AM	2	9	0	11	164	4	0	168	11	206	0	217	396
7:30AM	2	10	0	12	138	5	0	143	15	250	0	265	420
7:45AM	4	13	0	17	200	4	0	204	7	204	0	211	432
Total	12	50	0	62	691	17	0	708	39	887	0	926	1696
% Approach	19.4%	80.6%	0%	-	97.6%	2.4%	0%	-	4.2%	95.8%	0%	-	-
% Total	0.7%	2.9%	0%	3.7%	40.7%	1.0%	0%	41.7%	2.3%	52.3%	0%	54.6%	-
PHF	0.750	0.694	-	0.705	0.864	0.850	-	0.868	0.650	0.887	-	0.874	0.946
Lights and Motorcycles	10	47	0	57	636	15	0	651	37	818	0	855	1563
% Lights and Motorcycles	83.3%	94.0%	0%	91.9%	92.0%	88.2%	0%	91.9%	94.9%	92.2%	0%	92.3%	92.2%
Heavy	2	3	0	5	55	2	0	57	2	69	0	71	133
% Heavy	16.7%	6.0%	0%	8.1%	8.0%	11.8%	0%	8.1%	5.1%	7.8%	0%	7.7%	7.8%

* L: Left, R: Right, T: Thru, U: U-Turn

MILL CREEK RD & SR 32 - TMC

Tue Aug 21, 2018

PM Peak (Aug 21 2018 4:15PM - 5:15PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555477, Location: 40.043298, -86.061215, Site Code: I-112

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-21 4:15PM	2	10	0	12	268	2	0	270	9	198	0	207	489
4:30PM	6	13	0	19	263	2	0	265	9	219	0	228	512
4:45PM	2	11	0	13	223	1	0	224	4	208	0	212	449
5:00PM	0	10	0	10	222	3	0	225	8	191	0	199	434
Total	10	44	0	54	976	8	0	984	30	816	0	846	1884
% Approach	18.5%	81.5%	0%	-	99.2%	0.8%	0%	-	3.5%	96.5%	0%	-	-
% Total	0.5%	2.3%	0%	2.9%	51.8%	0.4%	0%	52.2%	1.6%	43.3%	0%	44.9%	-
PHF	0.417	0.846	-	0.711	0.910	0.667	-	0.911	0.833	0.932	-	0.928	0.920
Lights and Motorcycles	10	42	0	52	942	8	0	950	29	795	0	824	1826
% Lights and Motorcycles	100%	95.5%	0%	96.3%	96.5%	100%	0%	96.5%	96.7%	97.4%	0%	97.4%	96.9%
Heavy	0	2	0	2	34	0	0	34	1	21	0	22	58
% Heavy	0%	4.5%	0%	3.7%	3.5%	0%	0%	3.5%	3.3%	2.6%	0%	2.6%	3.1%

* L: Left, R: Right, T: Thru, U: U-Turn

WILLOWVIEW RD & SR 32 - TMC

Tue Aug 21, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555467, Location: 40.043371, -86.05164, Site Code: I-113

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-21 3:00PM	1	5	0	6	167	3	0	170	3	211	0	214	390
3:15PM	3	2	0	5	217	3	0	220	4	215	0	219	444
3:30PM	1	5	0	6	211	3	0	214	7	215	0	222	442
3:45PM	0	8	0	8	237	6	0	243	4	220	0	224	475
Hourly Total	5	20	0	25	832	15	0	847	18	861	0	879	1751
4:00PM	3	7	0	10	219	5	0	224	6	192	0	198	432
4:15PM	3	3	0	6	268	3	0	271	4	197	0	201	478
4:30PM	1	5	0	6	268	2	0	270	6	227	0	233	509
4:45PM	1	1	0	2	237	4	0	241	7	213	0	220	463
Hourly Total	8	16	0	24	992	14	0	1006	23	829	0	852	1882
5:00PM	4	2	0	6	227	4	0	231	9	183	0	192	429
5:15PM	0	3	0	3	261	4	0	265	11	201	0	212	480
5:30PM	2	6	0	8	301	6	0	307	3	187	0	190	505
5:45PM	2	6	0	8	236	8	0	244	5	168	0	173	425
Hourly Total	8	17	0	25	1025	22	0	1047	28	739	0	767	1839
6:00PM	2	4	0	6	207	5	0	212	4	177	0	181	399
6:15PM	0	4	0	4	220	3	0	223	1	151	0	152	379
6:30PM	1	5	0	6	215	1	0	216	5	123	0	128	350
6:45PM	1	1	0	2	163	1	0	164	5	129	0	134	300
Hourly Total	4	14	0	18	805	10	0	815	15	580	0	595	1428
2018-08-22 6:30AM	2	1	0	3	93	0	0	93	1	178	0	179	275
6:45AM	0	2	0	2	152	3	0	155	4	222	0	226	383
Hourly Total	2	3	0	5	245	3	0	248	5	400	0	405	658
7:00AM	0	8	0	8	200	0	0	200	2	246	0	248	456
7:15AM	3	7	0	10	168	0	0	168	2	218	0	220	398
7:30AM	1	2	0	3	136	2	0	138	6	279	0	285	426
7:45AM	2	3	0	5	200	3	0	203	4	223	0	227	435
Hourly Total	6	20	0	26	704	5	0	709	14	966	0	980	1715
8:00AM	0	6	0	6	150	4	0	154	2	203	0	205	365
8:15AM	1	9	0	10	180	6	0	186	3	223	0	226	422
Hourly Total	1	15	0	16	330	10	0	340	5	426	0	431	787
Total	34	105	0	139	4933	79	0	5012	108	4801	0	4909	10060
% Approach	24.5%	75.5%	0%	-	98.4%	1.6%	0%	-	2.2%	97.8%	0%	-	-
% Total	0.3%	1.0%	0%	1.4%	49.0%	0.8%	0%	49.8%	1.1%	47.7%	0%	48.8%	-
Lights and Motorcycles	31	98	0	129	4692	78	0	4770	105	4564	0	4669	9568
% Lights and Motorcycles	91.2%	93.3%	0%	92.8%	95.1%	98.7%	0%	95.2%	97.2%	95.1%	0%	95.1%	95.1%
Heavy	3	7	0	10	241	1	0	242	3	237	0	240	492
% Heavy	8.8%	6.7%	0%	7.2%	4.9%	1.3%	0%	4.8%	2.8%	4.9%	0%	4.9%	4.9%

* L: Left, R: Right, T: Thru, U: U-Turn

WILLOWVIEW RD & SR 32 - TMC

Wed Aug 22, 2018

AM Peak (Aug 22 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555467, Location: 40.043371, -86.05164, Site Code: I-113

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-22 7:00AM	0	8	0	8	200	0	0	200	2	246	0	248	456
7:15AM	3	7	0	10	168	0	0	168	2	218	0	220	398
7:30AM	1	2	0	3	136	2	0	138	6	279	0	285	426
7:45AM	2	3	0	5	200	3	0	203	4	223	0	227	435
Total	6	20	0	26	704	5	0	709	14	966	0	980	1715
% Approach	23.1%	76.9%	0%	-	99.3%	0.7%	0%	-	1.4%	98.6%	0%	-	-
% Total	0.3%	1.2%	0%	1.5%	41.0%	0.3%	0%	41.3%	0.8%	56.3%	0%	57.1%	-
PHF	0.500	0.625	-	0.650	0.880	0.417	-	0.873	0.583	0.866	-	0.860	0.940
Lights and Motorcycles	6	18	0	24	649	5	0	654	13	897	0	910	1588
% Lights and Motorcycles	100%	90.0%	0%	92.3%	92.2%	100%	0%	92.2%	92.9%	92.9%	0%	92.9%	92.6%
Heavy	0	2	0	2	55	0	0	55	1	69	0	70	127
% Heavy	0%	10.0%	0%	7.7%	7.8%	0%	0%	7.8%	7.1%	7.1%	0%	7.1%	7.4%

* L: Left, R: Right, T: Thru, U: U-Turn

WILLOWVIEW RD & SR 32 - TMC

Tue Aug 21, 2018

PM Peak (Aug 21 2018 3:45PM - 4:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555467, Location: 40.043371, -86.05164, Site Code: I-

113

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-08-21 3:45PM	0	8	0	8	237	6	0	243	4	220	0	224	475
4:00PM	3	7	0	10	219	5	0	224	6	192	0	198	432
4:15PM	3	3	0	6	268	3	0	271	4	197	0	201	478
4:30PM	1	5	0	6	268	2	0	270	6	227	0	233	509
Total	7	23	0	30	992	16	0	1008	20	836	0	856	1894
% Approach	23.3%	76.7%	0%	-	98.4%	1.6%	0%	-	2.3%	97.7%	0%	-	-
% Total	0.4%	1.2%	0%	1.6%	52.4%	0.8%	0%	53.2%	1.1%	44.1%	0%	45.2%	-
PHF	0.583	0.719	-	0.750	0.925	0.667	-	0.930	0.833	0.921	-	0.918	0.930
Lights and Motorcycles	6	19	0	25	928	15	0	943	19	805	0	824	1792
% Lights and Motorcycles	85.7%	82.6%	0%	83.3%	93.5%	93.8%	0%	93.6%	95.0%	96.3%	0%	96.3%	94.6%
Heavy	1	4	0	5	64	1	0	65	1	31	0	32	102
% Heavy	14.3%	17.4%	0%	16.7%	6.5%	6.3%	0%	6.4%	5.0%	3.7%	0%	3.7%	5.4%

* L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & SR 32 - TMC

Tue Aug 21, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555946, Location: 40.043568, -86.039659, Site Code: I-114

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-08-21 3:00PM	6	25	0	31	27	144	0	171	204	15	0	219	421
3:15PM	3	30	0	33	34	176	0	210	194	15	0	209	452
3:30PM	13	26	0	39	43	175	0	218	205	18	0	223	480
3:45PM	14	18	0	32	51	185	0	236	193	14	0	207	475
Hourly Total	36	99	0	135	155	680	0	835	796	62	0	858	1828
4:00PM	3	25	0	28	58	180	0	238	178	27	0	205	471
4:15PM	8	44	0	52	63	190	0	253	168	24	0	192	497
4:30PM	7	35	0	42	60	212	0	272	181	20	0	201	515
4:45PM	13	29	0	42	73	170	0	243	185	25	0	210	495
Hourly Total	31	133	0	164	254	752	0	1006	712	96	0	808	1978
5:00PM	8	29	0	37	52	167	0	219	166	35	0	201	457
5:15PM	6	33	0	39	61	197	0	258	189	28	0	217	514
5:30PM	5	33	0	38	76	213	0	289	153	24	0	177	504
5:45PM	8	17	0	25	57	195	0	252	172	26	0	198	475
Hourly Total	27	112	0	139	246	772	0	1018	680	113	0	793	1950
6:00PM	6	30	0	36	42	169	0	211	160	15	0	175	422
6:15PM	9	13	0	22	50	170	0	220	139	23	0	162	404
6:30PM	8	22	0	30	44	174	0	218	112	17	0	129	377
6:45PM	4	14	0	18	36	141	0	177	123	25	0	148	343
Hourly Total	27	79	0	106	172	654	0	826	534	80	0	614	1546
2018-08-22 6:30AM	4	46	0	50	15	67	0	82	126	2	0	128	260
6:45AM	7	73	0	80	18	131	0	149	155	4	0	159	388
Hourly Total	11	119	0	130	33	198	0	231	281	6	0	287	648
7:00AM	3	58	0	61	36	178	0	214	191	7	0	198	473
7:15AM	11	53	0	64	43	140	0	183	163	10	0	173	420
7:30AM	15	73	0	88	17	116	0	133	199	5	0	204	425
7:45AM	12	60	0	72	15	183	0	198	178	9	0	187	457
Hourly Total	41	244	0	285	111	617	0	728	731	31	0	762	1775
8:00AM	14	37	0	51	19	149	0	168	164	5	0	169	388
8:15AM	7	64	0	71	23	154	0	177	181	6	0	187	435
Hourly Total	21	101	0	122	42	303	0	345	345	11	0	356	823
Total	194	887	0	1081	1013	3976	0	4989	4079	399	0	4478	10548
% Approach	17.9%	82.1%	0%	-	20.3%	79.7%	0%	-	91.1%	8.9%	0%	-	-
% Total	1.8%	8.4%	0%	10.2%	9.6%	37.7%	0%	47.3%	38.7%	3.8%	0%	42.5%	-
Lights and Motorcycles	182	860	0	1042	969	3773	0	4742	3858	382	0	4240	10024
% Lights and Motorcycles	93.8%	97.0%	0%	96.4%	95.7%	94.9%	0%	95.0%	94.6%	95.7%	0%	94.7%	95.0%
Heavy	12	27	0	39	44	203	0	247	221	17	0	238	524
% Heavy	6.2%	3.0%	0%	3.6%	4.3%	5.1%	0%	5.0%	5.4%	4.3%	0%	5.3%	5.0%

* L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & SR 32 - TMC

Wed Aug 22, 2018

AM Peak (Aug 22 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555946, Location: 40.043568, -86.039659, Site Code: I-114

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-08-22 7:00AM	3	58	0	61	36	178	0	214	191	7	0	198	473
7:15AM	11	53	0	64	43	140	0	183	163	10	0	173	420
7:30AM	15	73	0	88	17	116	0	133	199	5	0	204	425
7:45AM	12	60	0	72	15	183	0	198	178	9	0	187	457
Total	41	244	0	285	111	617	0	728	731	31	0	762	1775
% Approach	14.4%	85.6%	0%	-	15.2%	84.8%	0%	-	95.9%	4.1%	0%	-	-
% Total	2.3%	13.7%	0%	16.1%	6.3%	34.8%	0%	41.0%	41.2%	1.7%	0%	42.9%	-
PHF	0.683	0.836	-	0.810	0.645	0.843	-	0.850	0.918	0.775	-	0.934	0.938
Lights and Motorcycles	37	238	0	275	100	572	0	672	656	26	0	682	1629
% Lights and Motorcycles	90.2%	97.5%	0%	96.5%	90.1%	92.7%	0%	92.3%	89.7%	83.9%	0%	89.5%	91.8%
Heavy	4	6	0	10	11	45	0	56	75	5	0	80	146
% Heavy	9.8%	2.5%	0%	3.5%	9.9%	7.3%	0%	7.7%	10.3%	16.1%	0%	10.5%	8.2%

* L: Left, R: Right, T: Thru, U: U-Turn

HAGUE RD & SR 32 - TMC

Tue Aug 21, 2018

PM Peak (Aug 21 2018 4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 555946, Location: 40.043568, -86.039659, Site Code: I-114

Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-08-21 4:30PM	7	35	0	42	60	212	0	272	181	20	0	201	515
4:45PM	13	29	0	42	73	170	0	243	185	25	0	210	495
5:00PM	8	29	0	37	52	167	0	219	166	35	0	201	457
5:15PM	6	33	0	39	61	197	0	258	189	28	0	217	514
Total	34	126	0	160	246	746	0	992	721	108	0	829	1981
% Approach	21.3%	78.8%	0%	-	24.8%	75.2%	0%	-	87.0%	13.0%	0%	-	-
% Total	1.7%	6.4%	0%	8.1%	12.4%	37.7%	0%	50.1%	36.4%	5.5%	0%	41.8%	-
PHF	0.654	0.900	-	0.952	0.842	0.880	-	0.912	0.954	0.771	-	0.955	0.962
Lights and Motorcycles	34	122	0	156	243	726	0	969	702	108	0	810	1935
% Lights and Motorcycles	100%	96.8%	0%	97.5%	98.8%	97.3%	0%	97.7%	97.4%	100%	0%	97.7%	97.7%
Heavy	0	4	0	4	3	20	0	23	19	0	0	19	46
% Heavy	0%	3.2%	0%	2.5%	1.2%	2.7%	0%	2.3%	2.6%	0%	0%	2.3%	2.3%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & CHERRY TREE - TMC

Thu Feb 28, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641157, Location: 40.044999, -86.035065, Site Code: i-115



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-28 6:30AM	0	2	0	2	87	3	0	90	5	116	0	121	213
6:45AM	2	16	0	18	114	1	0	115	4	115	0	119	252
Hourly Total	2	18	0	20	201	4	0	205	9	231	0	240	465
7:00AM	0	19	0	19	122	1	0	123	2	152	0	154	296
7:15AM	1	17	0	18	125	3	0	128	11	188	0	199	345
7:30AM	1	13	0	14	156	3	0	159	12	200	0	212	385
7:45AM	0	23	0	23	171	1	0	172	9	165	0	174	369
Hourly Total	2	72	0	74	574	8	0	582	34	705	0	739	1395
8:00AM	0	11	0	11	141	3	0	144	6	156	0	162	317
8:15AM	1	21	0	22	151	0	0	151	3	173	0	176	349
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	32	0	33	292	3	0	295	9	329	0	338	666
3:00PM	1	21	0	22	150	2	0	152	13	195	0	208	382
3:15PM	1	12	0	13	175	2	0	177	22	168	0	190	380
3:30PM	0	16	0	16	162	3	0	165	21	191	0	212	393
3:45PM	2	18	0	20	171	1	0	172	15	182	0	197	389
Hourly Total	4	67	0	71	658	8	0	666	71	736	0	807	1544
4:00PM	0	8	0	8	151	1	0	152	18	205	0	223	383
4:15PM	2	18	0	20	223	2	0	225	13	203	0	216	461
4:30PM	0	15	0	15	217	2	0	219	16	187	0	203	437
4:45PM	0	18	0	18	199	3	0	202	18	184	0	202	422
Hourly Total	2	59	0	61	790	8	0	798	65	779	0	844	1703
5:00PM	2	17	0	19	209	1	0	210	17	215	0	232	461
5:15PM	1	21	0	22	185	2	0	187	15	189	0	204	413
5:30PM	0	16	0	16	208	1	0	209	13	174	1	188	413
5:45PM	1	31	0	32	185	2	0	187	17	166	0	183	402
Hourly Total	4	85	0	89	787	6	0	793	62	744	1	807	1689
6:00PM	1	18	0	19	200	3	0	203	13	151	0	164	386
6:15PM	2	20	0	22	149	1	0	150	9	138	0	147	319
6:30PM	0	16	0	16	131	0	0	131	12	117	0	129	276
6:45PM	1	9	0	10	126	1	0	127	16	133	0	149	286
Hourly Total	4	63	0	67	606	5	0	611	50	539	0	589	1267
Total	19	396	0	415	3908	42	0	3950	300	4063	1	4364	8729
% Approach	4.6%	95.4%	0%	-	98.9%	1.1%	0%	-	6.9%	93.1%	0%	-	-
% Total	0.2%	4.5%	0%	4.8%	44.8%	0.5%	0%	45.3%	3.4%	46.5%	0%	50.0%	-
Lights and Motorcycles	19	391	0	410	3781	33	0	3814	297	3895	1	4193	8417
% Lights and Motorcycles	100%	98.7%	0%	98.8%	96.8%	78.6%	0%	96.6%	99.0%	95.9%	100%	96.1%	96.4%
Heavy	0	5	0	5	127	9	0	136	3	168	0	171	312
% Heavy	0%	1.3%	0%	1.2%	3.2%	21.4%	0%	3.4%	1.0%	4.1%	0%	3.9%	3.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & CHERRY TREE - TMC

Thu Feb 28, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641157, Location: 40.044999, -86.035065, Site Code: i-115



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-28 7:30AM	1	13	0	14	156	3	0	159	12	200	0	212	385
7:45AM	0	23	0	23	171	1	0	172	9	165	0	174	369
8:00AM	0	11	0	11	141	3	0	144	6	156	0	162	317
8:15AM	1	21	0	22	151	0	0	151	3	173	0	176	349
Total	2	68	0	70	619	7	0	626	30	694	0	724	1420
% Approach	2.9%	97.1%	0%	-	98.9%	1.1%	0%	-	4.1%	95.9%	0%	-	-
% Total	0.1%	4.8%	0%	4.9%	43.6%	0.5%	0%	44.1%	2.1%	48.9%	0%	51.0%	-
PHF	0.500	0.739	-	0.761	0.905	0.583	-	0.910	0.625	0.868	-	0.854	0.922
Lights and Motorcycles	2	68	0	70	586	4	0	590	29	626	0	655	1315
% Lights and Motorcycles	100%	100%	0%	100%	94.7%	57.1%	0%	94.2%	96.7%	90.2%	0%	90.5%	92.6%
Heavy	0	0	0	0	33	3	0	36	1	68	0	69	105
% Heavy	0%	0%	0%	0%	5.3%	42.9%	0%	5.8%	3.3%	9.8%	0%	9.5%	7.4%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & CHERRY TREE - TMC

Thu Feb 28, 2019

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641157, Location: 40.044999, -86.035065, Site Code: i-115



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-02-28 4:15PM	2	18	0	20	223	2	0	225	13	203	0	216	461
4:30PM	0	15	0	15	217	2	0	219	16	187	0	203	437
4:45PM	0	18	0	18	199	3	0	202	18	184	0	202	422
5:00PM	2	17	0	19	209	1	0	210	17	215	0	232	461
Total	4	68	0	72	848	8	0	856	64	789	0	853	1781
% Approach	5.6%	94.4%	0%	-	99.1%	0.9%	0%	-	7.5%	92.5%	0%	-	-
% Total	0.2%	3.8%	0%	4.0%	47.6%	0.4%	0%	48.1%	3.6%	44.3%	0%	47.9%	-
PHF	0.500	0.944	-	0.900	0.951	0.667	-	0.951	0.889	0.917	-	0.919	0.966
Lights and Motorcycles	4	68	0	72	828	8	0	836	64	765	0	829	1737
% Lights and Motorcycles	100%	100%	0%	100%	97.6%	100%	0%	97.7%	100%	97.0%	0%	97.2%	97.5%
Heavy	0	0	0	0	20	0	0	20	0	24	0	24	44
% Heavy	0%	0%	0%	0%	2.4%	0%	0%	2.3%	0%	3.0%	0%	2.8%	2.5%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & RIVER RD - TMC

Tue Mar 5, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641196, Location: 40.047009, -86.028038, Site Code: i-116



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-05																					
6:30AM	9	6	12	0	27	1	29	8	0	38	4	62	1	0	67	11	90	2	0	103	235
6:45AM	16	13	14	0	43	0	29	8	0	37	7	101	7	0	115	9	99	4	0	112	307
Hourly Total	25	19	26	0	70	1	58	16	0	75	11	163	8	0	182	20	189	6	0	215	542
7:00AM	14	27	26	0	67	2	27	12	0	41	14	159	10	0	183	11	130	6	0	147	438
7:15AM	17	15	15	0	47	6	42	11	0	59	9	144	10	0	163	19	160	9	0	188	457
7:30AM	10	15	13	0	38	6	34	22	0	62	17	110	8	0	135	21	155	13	0	189	424
7:45AM	22	17	23	0	62	10	43	20	0	73	18	147	14	0	179	15	144	10	0	169	483
Hourly Total	63	74	77	0	214	24	146	65	0	235	58	560	42	0	660	66	589	38	0	693	1802
8:00AM	18	23	27	0	68	5	37	11	0	53	14	124	11	0	149	24	120	8	0	152	422
8:15AM	14	19	27	0	60	5	26	19	0	50	6	128	12	0	146	19	129	12	0	160	416
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	32	42	54	0	128	10	63	30	0	103	20	252	23	0	295	43	249	20	0	312	838
3:00PM	26	25	25	0	76	10	23	25	0	58	14	148	9	0	171	26	168	10	0	204	509
3:15PM	28	29	26	0	83	8	25	26	0	59	17	142	24	0	183	26	142	3	0	171	496
3:30PM	32	29	26	0	87	14	26	17	0	57	10	146	12	0	168	26	136	3	0	165	477
3:45PM	32	31	27	0	90	9	23	18	0	50	14	174	13	0	201	26	134	5	0	165	506
Hourly Total	118	114	104	0	336	41	97	86	0	224	55	610	58	0	723	104	580	21	0	705	1988
4:00PM	20	28	34	0	82	11	23	14	0	48	13	146	14	0	173	24	145	3	0	172	475
4:15PM	34	24	31	0	89	14	21	18	0	53	12	179	15	0	206	26	153	4	0	183	531
4:30PM	30	30	34	0	94	15	36	32	0	83	25	138	16	0	179	22	150	5	0	177	533
4:45PM	38	38	32	0	108	18	19	30	0	67	10	160	18	0	188	32	161	5	0	198	561
Hourly Total	122	120	131	0	373	58	99	94	0	251	60	623	63	0	746	104	609	17	0	730	2100
5:00PM	37	30	31	0	98	9	29	30	0	68	12	161	12	0	185	28	134	6	0	168	519
5:15PM	29	31	46	0	106	23	30	16	0	69	14	194	12	0	220	26	133	1	0	160	555
5:30PM	26	43	46	0	115	12	25	13	0	50	7	196	8	0	211	19	110	8	0	137	513
5:45PM	35	26	34	0	95	10	23	12	0	45	13	181	15	0	209	21	140	5	0	166	515
Hourly Total	127	130	157	0	414	54	107	71	0	232	46	732	47	0	825	94	517	20	0	631	2102
6:00PM	23	17	24	0	64	9	16	15	0	40	8	140	11	0	159	19	109	3	0	131	394
6:15PM	21	19	30	0	70	3	15	7	0	25	11	143	13	0	167	16	94	3	0	113	375
6:30PM	23	18	12	0	53	10	18	14	0	42	5	107	9	0	121	21	123	2	0	146	362
6:45PM	21	15	10	0	46	6	15	13	0	34	8	108	12	0	128	13	98	5	0	116	324
Hourly Total	88	69	76	0	233	28	64	49	0	141	32	498	45	0	575	69	424	13	0	506	1455
Total	575	568	625	0	1768	216	634	411	0	1261	282	3438	286	0	4006	500	3157	135	0	3792	10827
% Approach	32.5%	32.1%	35.4%	0%	-	17.1%	50.3%	32.6%	0%	-	7.0%	85.8%	7.1%	0%	-	13.2%	83.3%	3.6%	0%	-	-
% Total	5.3%	5.2%	5.8%	0%	16.3%	2.0%	5.9%	3.8%	0%	11.6%	2.6%	31.8%	2.6%	0%	37.0%	4.6%	29.2%	1.2%	0%	35.0%	-
Lights and Motorcycles	516	546	599	0	1661	214	607	404	0	1225	275	3347	234	0	3856	474	3059	131	0	3664	10406
% Lights and Motorcycles	89.7%	96.1%	95.8%	0%	93.9%	99.1%	95.7%	98.3%	0%	97.1%	97.5%	97.4%	81.8%	0%	96.3%	94.8%	96.9%	97.0%	0%	96.6%	96.1%
Heavy	59	22	26	0	107	2	27	7	0	36	7	91	52	0	150	26	98	4	0	128	421
% Heavy	10.3%	3.9%	4.2%	0%	6.1%	0.9%	4.3%	1.7%	0%	2.9%	2.5%	2.6%	18.2%	0%	3.7%	5.2%	3.1%	3.0%	0%	3.4%	3.9%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & RIVER RD - TMC

Tue Mar 5, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641196, Location: 40.047009, -86.028038, Site Code: i-116



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-03-05																						
7:00AM	14	27	26	0	67	2	27	12	0	41	14	159	10	0	183	11	130	6	0	147	438	
7:15AM	17	15	15	0	47	6	42	11	0	59	9	144	10	0	163	19	160	9	0	188	457	
7:30AM	10	15	13	0	38	6	34	22	0	62	17	110	8	0	135	21	155	13	0	189	424	
7:45AM	22	17	23	0	62	10	43	20	0	73	18	147	14	0	179	15	144	10	0	169	483	
Total	63	74	77	0	214	24	146	65	0	235	58	560	42	0	660	66	589	38	0	693	1802	
% Approach	29.4%	34.6%	36.0%	0%	-	10.2%	62.1%	27.7%	0%	-	8.8%	84.8%	6.4%	0%	-	9.5%	85.0%	5.5%	0%	-	-	
% Total	3.5%	4.1%	4.3%	0%	11.9%	1.3%	8.1%	3.6%	0%	13.0%	3.2%	31.1%	2.3%	0%	36.6%	3.7%	32.7%	2.1%	0%	38.5%	-	
PHF	0.716	0.685	0.740	-	0.799	0.600	0.849	0.739	-	0.805	0.806	0.881	0.750	-	0.902	0.786	0.920	0.731	-	0.917	0.933	
Lights and Motorcycles	53	68	72	0	193	23	138	63	0	224	56	541	35	0	632	64	562	36	0	662	1711	
% Lights and Motorcycles	84.1%	91.9%	93.5%	0%	90.2%	95.8%	94.5%	96.9%	0%	95.3%	96.6%	96.6%	83.3%	0%	95.8%	97.0%	95.4%	94.7%	0%	95.5%	95.0%	
Heavy	10	6	5	0	21	1	8	2	0	11	2	19	7	0	28	2	27	2	0	31	91	
% Heavy	15.9%	8.1%	6.5%	0%	9.8%	4.2%	5.5%	3.1%	0%	4.7%	3.4%	3.4%	16.7%	0%	4.2%	3.0%	4.6%	5.3%	0%	4.5%	5.0%	

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & RIVER RD - TMC

Tue Mar 5, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641196, Location: 40.047009, -86.028038, Site Code: i-116



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-03-05																						
4:30PM	30	30	34	0	94	15	36	32	0	83	25	138	16	0	179	22	150	5	0	177	533	
4:45PM	38	38	32	0	108	18	19	30	0	67	10	160	18	0	188	32	161	5	0	198	561	
5:00PM	37	30	31	0	98	9	29	30	0	68	12	161	12	0	185	28	134	6	0	168	519	
5:15PM	29	31	46	0	106	23	30	16	0	69	14	194	12	0	220	26	133	1	0	160	555	
Total	134	129	143	0	406	65	114	108	0	287	61	653	58	0	772	108	578	17	0	703	2168	
% Approach	33.0%	31.8%	35.2%	0%	-	22.6%	39.7%	37.6%	0%	-	7.9%	84.6%	7.5%	0%	-	15.4%	82.2%	2.4%	0%	-	-	
% Total	6.2%	6.0%	6.6%	0%	18.7%	3.0%	5.3%	5.0%	0%	13.2%	2.8%	30.1%	2.7%	0%	35.6%	5.0%	26.7%	0.8%	0%	32.4%	-	
PHF	0.882	0.849	0.777	-	0.940	0.707	0.792	0.844	-	0.864	0.610	0.841	0.806	-	0.877	0.844	0.898	0.708	-	0.888	0.966	
Lights and Motorcycles	125	125	139	0	389	65	113	107	0	285	60	640	46	0	746	105	564	17	0	686	2106	
% Lights and Motorcycles	93.3%	96.9%	97.2%	0%	95.8%	100%	99.1%	99.1%	0%	99.3%	98.4%	98.0%	79.3%	0%	96.6%	97.2%	97.6%	100%	0%	97.6%	97.1%	
Heavy	9	4	4	0	17	0	1	1	0	2	1	13	12	0	26	3	14	0	0	17	62	
% Heavy	6.7%	3.1%	2.8%	0%	4.2%	0%	0.9%	0.9%	0%	0.7%	1.6%	2.0%	20.7%	0%	3.4%	2.8%	2.4%	0%	0%	2.4%	2.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & SR 38 - TMC

Tue Mar 5, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 640206, Location: 40.047052, -86.024737, Site Code: i-117



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	Southbound					Northbound					Westbound					Eastbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-05																					
6:30AM	5	3	0	0	8	69	4	3	0	76	3	68	14	0	85	3	113	38	0	154	323
6:45AM	3	2	1	0	6	84	0	13	0	97	5	103	7	0	115	4	126	38	0	168	386
Hourly Total	8	5	1	0	14	153	4	16	0	173	8	171	21	0	200	7	239	76	0	322	709
7:00AM	2	2	3	0	7	78	4	7	0	89	12	166	11	0	189	2	154	62	0	218	503
7:15AM	2	4	5	0	11	84	8	13	0	105	3	154	1	0	158	11	179	69	0	259	533
7:30AM	3	1	3	0	7	84	8	9	0	101	6	120	11	0	137	11	179	70	0	260	505
7:45AM	8	2	2	0	12	96	12	12	0	120	10	156	9	0	175	11	159	55	0	225	532
Hourly Total	15	9	13	0	37	342	32	41	0	415	31	596	32	0	659	35	671	256	0	962	2073
8:00AM	3	2	1	0	6	69	11	7	0	87	15	126	18	0	159	4	149	63	0	216	468
8:15AM	6	3	4	0	13	93	9	23	0	125	5	123	12	0	140	7	156	63	0	226	504
Hourly Total	9	5	5	0	19	162	20	30	0	212	20	249	30	0	299	11	305	126	0	442	972
3:00PM	18	6	6	0	30	68	2	22	0	92	21	194	3	0	218	8	167	68	0	243	583
3:15PM	9	5	15	0	29	69	5	17	0	91	18	168	4	0	190	1	166	81	0	248	558
3:30PM	16	16	11	0	43	59	5	18	0	82	14	182	10	0	206	4	155	66	0	225	556
3:45PM	18	12	6	0	36	77	1	19	0	97	21	185	4	0	210	6	149	70	0	225	568
Hourly Total	61	39	38	0	138	273	13	76	0	362	74	729	21	0	824	19	637	285	0	941	2265
4:00PM	14	11	3	0	28	79	5	10	0	94	20	191	3	0	214	3	150	83	0	236	572
4:15PM	21	14	8	0	43	90	9	23	0	122	21	199	3	0	223	6	156	96	0	258	646
4:30PM	14	16	10	0	40	101	6	21	0	128	19	205	4	0	228	3	162	97	1	263	659
4:45PM	21	13	3	0	37	90	6	20	0	116	21	211	6	0	238	4	165	107	0	276	667
Hourly Total	70	54	24	0	148	360	26	74	0	460	81	806	16	0	903	16	633	383	1	1033	2544
5:00PM	9	10	11	0	30	102	3	17	0	122	23	195	4	0	222	2	155	85	0	242	616
5:15PM	6	15	6	0	27	116	2	13	0	131	26	236	4	0	266	4	143	91	0	238	662
5:30PM	8	15	3	0	26	104	4	14	0	122	24	236	4	0	264	4	139	103	0	246	658
5:45PM	15	3	2	0	20	97	1	16	0	114	22	195	1	0	218	2	156	76	0	234	586
Hourly Total	38	43	22	0	103	419	10	60	0	489	95	862	13	0	970	12	593	355	0	960	2522
6:00PM	0	5	3	0	8	83	3	23	0	109	11	187	5	0	203	3	135	66	0	204	524
6:15PM	4	4	1	0	9	67	0	14	0	81	17	162	2	0	181	1	97	84	0	182	453
6:30PM	3	2	1	0	6	70	1	19	0	90	23	123	3	0	149	5	127	73	0	205	450
6:45PM	5	1	8	0	14	62	2	11	0	75	13	126	5	0	144	2	113	77	0	192	425
Hourly Total	12	12	13	0	37	282	6	67	0	355	64	598	15	0	677	11	472	300	0	783	1852
Total	213	167	116	0	496	1991	111	364	0	2466	373	4011	148	0	4532	111	3550	1781	1	5443	12937
% Approach	42.9%	33.7%	23.4%	0%	-	80.7%	4.5%	14.8%	0%	-	8.2%	88.5%	3.3%	0%	-	2.0%	65.2%	32.7%	0%	-	-
% Total	1.6%	1.3%	0.9%	0%	3.8%	15.4%	0.9%	2.8%	0%	19.1%	2.9%	31.0%	1.1%	0%	35.0%	0.9%	27.4%	13.8%	0%	42.1%	-
Lights and Motorcycles	207	166	114	0	487	1955	110	361	0	2426	367	3901	146	0	4414	108	3434	1721	1	5264	12591
% Lights and Motorcycles	97.2%	99.4%	98.3%	0%	98.2%	98.2%	99.1%	99.2%	0%	98.4%	98.4%	97.3%	98.6%	0%	97.4%	97.3%	96.7%	96.6%	100%	96.7%	97.3%
Heavy	6	1	2	0	9	36	1	3	0	40	6	110	2	0	118	3	116	60	0	179	346
% Heavy	2.8%	0.6%	1.7%	0%	1.8%	1.8%	0.9%	0.8%	0%	1.6%	1.6%	2.7%	1.4%	0%	2.6%	2.7%	3.3%	3.4%	0%	3.3%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & SR 38 - TMC

Tue Mar 5, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 640206, Location: 40.047052, -86.024737, Site Code: i-117



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-03-05																						
7:00AM	2	2	3	0	7	78	4	7	0	89	12	166	11	0	189	2	154	62	0	218	503	
7:15AM	2	4	5	0	11	84	8	13	0	105	3	154	1	0	158	11	179	69	0	259	533	
7:30AM	3	1	3	0	7	84	8	9	0	101	6	120	11	0	137	11	179	70	0	260	505	
7:45AM	8	2	2	0	12	96	12	12	0	120	10	156	9	0	175	11	159	55	0	225	532	
Total	15	9	13	0	37	342	32	41	0	415	31	596	32	0	659	35	671	256	0	962	2073	
% Approach	40.5%	24.3%	35.1%	0%	-	82.4%	7.7%	9.9%	0%	-	4.7%	90.4%	4.9%	0%	-	3.6%	69.8%	26.6%	0%	-	-	
% Total	0.7%	0.4%	0.6%	0%	1.8%	16.5%	1.5%	2.0%	0%	20.0%	1.5%	28.8%	1.5%	0%	31.8%	1.7%	32.4%	12.3%	0%	46.4%	-	
PHF	0.469	0.563	0.650	-	0.771	0.891	0.667	0.788	-	0.865	0.646	0.898	0.727	-	0.872	0.795	0.937	0.914	-	0.925	0.972	
Lights and Motorcycles	12	9	13	0	34	337	32	39	0	408	29	574	32	0	635	34	642	241	0	917	1994	
% Lights and Motorcycles	80.0%	100%	100%	0%	91.9%	98.5%	100%	95.1%	0%	98.3%	93.5%	96.3%	100%	0%	96.4%	97.1%	95.7%	94.1%	0%	95.3%	96.2%	
Heavy	3	0	0	0	3	5	0	2	0	7	2	22	0	0	24	1	29	15	0	45	79	
% Heavy	20.0%	0%	0%	0%	8.1%	1.5%	0%	4.9%	0%	1.7%	6.5%	3.7%	0%	0%	3.6%	2.9%	4.3%	5.9%	0%	4.7%	3.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & SR 38 - TMC

Tue Mar 5, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 640206, Location: 40.047052, -86.024737, Site Code: i-117



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-03-05																						
4:30PM	14	16	10	0	40	101	6	21	0	128	19	205	4	0	228	3	162	97	1	263	659	
4:45PM	21	13	3	0	37	90	6	20	0	116	21	211	6	0	238	4	165	107	0	276	667	
5:00PM	9	10	11	0	30	102	3	17	0	122	23	195	4	0	222	2	155	85	0	242	616	
5:15PM	6	15	6	0	27	116	2	13	0	131	26	236	4	0	266	4	143	91	0	238	662	
Total	50	54	30	0	134	409	17	71	0	497	89	847	18	0	954	13	625	380	1	1019	2604	
% Approach	37.3%	40.3%	22.4%	0%	-	82.3%	3.4%	14.3%	0%	-	9.3%	88.8%	1.9%	0%	-	1.3%	61.3%	37.3%	0.1%	-	-	
% Total	1.9%	2.1%	1.2%	0%	5.1%	15.7%	0.7%	2.7%	0%	19.1%	3.4%	32.5%	0.7%	0%	36.6%	0.5%	24.0%	14.6%	0%	39.1%	-	
PHF	0.595	0.844	0.682	-	0.838	0.881	0.708	0.845	-	0.948	0.856	0.897	0.750	-	0.897	0.813	0.947	0.888	0.250	0.923	0.976	
Lights and Motorcycles	49	53	29	0	131	403	16	71	0	490	87	832	17	0	936	12	605	373	1	991	2548	
% Lights and Motorcycles	98.0%	98.1%	96.7%	0%	97.8%	98.5%	94.1%	100%	0%	98.6%	97.8%	98.2%	94.4%	0%	98.1%	92.3%	96.8%	98.2%	100%	97.3%	97.8%	
Heavy	1	1	1	0	3	6	1	0	0	7	2	15	1	0	18	1	20	7	0	28	56	
% Heavy	2.0%	1.9%	3.3%	0%	2.2%	1.5%	5.9%	0%	0%	1.4%	2.2%	1.8%	5.6%	0%	1.9%	7.7%	3.2%	1.8%	0%	2.7%	2.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

NOBLESVILLE IMPACT
SR 32 & LAKEVIEW DR
3/5/2019
AUSTIN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM				
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
SOUTHBOUND			10	10							18	18
EASTBOUND		951		951						1313		1313
WESTBOUND		952	33	985						984	78	1062

PEAK HOUR FACTOR							
AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR			PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION	
SOUTHBOUND	0.63				0.64		
EASTBOUND	0.94	0.96			0.92	0.96	
WESTBOUND	0.93				0.93		

TRUCK PERCENTAGE												
AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE				
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
SOUTHBOUND			0.0%	0.0%							0.0%	0.0%
EASTBOUND		2.8%		2.8%						1.4%		1.4%
WESTBOUND		4.7%	0.0%	4.6%						2.3%	0.0%	2.2%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		5	5	325	329	654	659
7:00 AM	TO	8:00 AM		10	10	951	985	1936	1946
8:00 AM	TO	9:00 AM		10	10	416	464	880	890
3:00 PM	TO	4:00 PM		18	18	1040	1007	2047	2065
4:00 PM	TO	5:00 PM		18	18	1190	1089	2279	2297
5:00 PM	TO	6:00 PM		13	13	1303	1021	2324	2337
6:00 PM	TO	7:00 PM		10	10	893	844	1737	1747
TOTAL VOLUME				84	84	6118	5739	11857	11941
PERCENTAGE				0.7%	0.7%	51.2%	48.1%	99.3%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

NOBLESVILLE IMPACT
SR 32 & LAKEVIEW DR
3/5/2019

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM							5	0	5	5	0	5
7:00 AM - 8:00 AM							10	0	10	10	0	10
8:00 AM - 9:00 AM							10	0	10	10	0	10
PM TIME PERIOD												
3:00 PM - 4:00 PM							18	0	18	18	0	18
4:00 PM - 5:00 PM							18	0	18	18	0	18
5:00 PM - 6:00 PM							13	0	13	13	0	13
6:00 PM - 7:00 PM							10	0	10	10	0	10
PASSENGER							84 100.0%			84 100.0%		
TRUCK							0 0.0%			0 0.0%		
BOTH							84 100.0%			84 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				314	11	325				314	11	325
7:00 AM - 8:00 AM				924	27	951				924	27	951
8:00 AM - 9:00 AM				405	11	416				405	11	416
PM TIME PERIOD												
3:00 PM - 4:00 PM				995	45	1040				995	45	1040
4:00 PM - 5:00 PM				1163	27	1190				1163	27	1190
5:00 PM - 6:00 PM				1287	16	1303				1287	16	1303
6:00 PM - 7:00 PM				882	11	893				882	11	893
PASSENGER				5970 97.6%						5970 97.6%		
TRUCK				148 2.4%						148 2.4%		
BOTH				6118 100.0%						6118 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				312	5	317	12	0	12	324	5	329
7:00 AM - 8:00 AM				907	45	952	33	0	33	940	45	985
8:00 AM - 9:00 AM				400	32	432	32	0	32	432	32	464
PM TIME PERIOD												
3:00 PM - 4:00 PM				884	39	923	84	0	84	968	39	1007
4:00 PM - 5:00 PM				985	29	1014	75	0	75	1060	29	1089
5:00 PM - 6:00 PM				926	21	947	74	0	74	1000	21	1021
6:00 PM - 7:00 PM				765	8	773	71	0	71	836	8	844
PASSENGER				5179 96.7%			381 100.0%			5560 96.9%		
TRUCK				179 3.3%			0 0.0%			179 3.1%		
BOTH				5358 93.4%			381 6.6%			5739 100.0%		

SR 32 & CICERO RD - TMC

Tue May 21, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 658745, Location: 40.046498, -86.01887, Site Code: i-119



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-21 6:30AM	0	0	0	0	0	16	0	25	0	41	0	139	0	0	139	0	170	0	0	170	350
6:45AM	0	0	0	0	0	9	0	46	0	55	0	165	0	0	165	1	185	0	0	186	406
Hourly Total	0	0	0	0	0	25	0	71	0	96	0	304	0	0	304	1	355	0	0	356	756
7:00AM	0	0	0	0	0	28	0	37	0	65	0	202	0	0	202	0	179	0	0	179	446
7:15AM	0	0	0	0	0	39	0	36	0	75	0	214	0	0	214	0	227	0	0	227	516
7:30AM	0	0	0	0	0	35	0	60	0	95	0	203	0	0	203	0	239	0	0	239	537
7:45AM	1	0	0	0	1	41	0	54	0	95	0	219	0	0	219	0	247	0	0	247	562
Hourly Total	1	0	0	0	1	143	0	187	0	330	0	838	0	0	838	0	892	0	0	892	2061
8:00AM	0	0	0	0	0	20	0	43	0	63	0	228	0	0	228	0	235	0	0	235	526
8:15AM	0	0	0	0	0	23	1	29	0	53	0	208	0	0	208	0	211	0	0	211	472
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	43	1	72	0	116	0	436	0	0	436	0	446	0	0	446	998
3:00PM	0	0	0	0	0	13	0	32	0	45	0	225	0	0	225	0	227	0	0	227	497
3:15PM	0	0	1	0	1	9	0	18	0	27	0	274	0	0	274	0	264	0	0	264	566
3:30PM	0	0	0	0	0	9	0	24	0	33	0	310	0	0	310	0	251	0	0	251	594
3:45PM	0	0	0	0	0	15	0	21	0	36	0	260	0	0	260	0	245	0	0	245	541
Hourly Total	0	0	1	0	1	46	0	95	0	141	0	1069	0	0	1069	0	987	0	0	987	2198
4:00PM	0	0	2	0	2	11	0	22	0	33	0	268	0	0	268	0	251	0	0	251	554
4:15PM	0	0	0	0	0	17	0	26	0	43	0	295	0	0	295	0	263	0	0	263	601
4:30PM	1	0	1	0	2	14	0	18	0	32	0	355	0	0	355	0	273	0	0	273	662
4:45PM	0	0	0	0	0	9	0	33	0	42	0	325	0	0	325	0	269	0	0	269	636
Hourly Total	1	0	3	0	4	51	0	99	0	150	0	1243	0	0	1243	0	1056	0	0	1056	2453
5:00PM	2	0	0	0	2	6	0	28	0	34	0	330	0	0	330	0	260	0	0	260	626
5:15PM	0	0	1	0	1	8	0	34	0	42	0	360	0	0	360	0	254	0	0	254	657
5:30PM	0	0	0	0	0	8	0	21	0	29	0	334	0	0	334	0	268	0	0	268	631
5:45PM	1	0	0	0	1	8	0	15	0	23	0	340	0	0	340	0	241	0	0	241	605
Hourly Total	3	0	1	0	4	30	0	98	0	128	0	1364	0	0	1364	0	1023	0	0	1023	2519
6:00PM	0	0	1	0	1	3	0	17	0	20	0	310	0	0	310	0	223	0	0	223	554
6:15PM	0	0	0	0	0	7	0	22	0	29	0	298	0	0	298	0	230	0	0	230	557
6:30PM	0	0	0	0	0	4	0	18	0	22	0	253	0	0	253	0	225	0	0	225	500
6:45PM	0	0	1	0	1	8	0	15	0	23	0	193	0	1	194	0	190	0	0	190	408
Hourly Total	0	0	2	0	2	22	0	72	0	94	0	1054	0	1	1055	0	868	0	0	868	2019
7:00PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	5	0	7	0	12	360	1	694	0	1055	0	6310	0	1	6311	1	5627	0	0	5628	13006
% Approach	41.7%	0%	58.3%	0%	-	34.1%	0.1%	65.8%	0%	-	0%	100.0%	0%	0%	-	0%	100.0%	0%	0%	-	-
% Total	0%	0%	0.1%	0%	0.1%	2.8%	0%	5.3%	0%	8.1%	0%	48.5%	0%	0%	48.5%	0%	43.3%	0%	0%	43.3%	-
Lights and Motorcycles	5	0	7	0	12	348	1	662	0	1011	0	6114	0	1	6115	1	5401	0	0	5402	12540
% Lights and Motorcycles	100%	0%	100%	0%	100%	96.7%	100%	95.4%	0%	95.8%	0%	96.9%	0%	100%	96.9%	100%	96.0%	0%	0%	96.0%	96.4%
Heavy	0	0	0	0	0	12	0	32	0	44	0	196	0	0	196	0	226	0	0	226	466
% Heavy	0%	0%	0%	0%	0%	3.3%	0%	4.6%	0%	4.2%	0%	3.1%	0%	0%	3.1%	0%	4.0%	0%	0%	4.0%	3.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & CICERO RD - TMC

Tue May 21, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 658745, Location: 40.046498, -86.01887, Site Code: i-119



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-21 7:15AM	0	0	0	0	0	39	0	36	0	75	0	214	0	0	214	0	227	0	0	227	516
7:30AM	0	0	0	0	0	35	0	60	0	95	0	203	0	0	203	0	239	0	0	239	537
7:45AM	1	0	0	0	1	41	0	54	0	95	0	219	0	0	219	0	247	0	0	247	562
8:00AM	0	0	0	0	0	20	0	43	0	63	0	228	0	0	228	0	235	0	0	235	526
Total	1	0	0	0	1	135	0	193	0	328	0	864	0	0	864	0	948	0	0	948	2141
% Approach	100%	0%	0%	0%	0%	41.2%	0%	58.8%	0%	0%	0%	100%	0%	0%	0%	0%	100%	0%	0%	0%	-
% Total	0%	0%	0%	0%	0%	6.3%	0%	9.0%	0%	15.3%	0%	40.4%	0%	0%	40.4%	0%	44.3%	0%	0%	44.3%	-
PHF	0.250	-	-	-	0.250	0.823	-	0.804	-	0.863	-	0.947	-	-	0.947	-	0.960	-	-	0.960	0.952
Lights and Motorcycles	1	0	0	0	1	132	0	181	0	313	0	834	0	0	834	0	885	0	0	885	2033
% Lights and Motorcycles	100%	0%	0%	0%	100%	97.8%	0%	93.8%	0%	95.4%	0%	96.5%	0%	0%	96.5%	0%	93.4%	0%	0%	93.4%	95.0%
Heavy	0	0	0	0	0	3	0	12	0	15	0	30	0	0	30	0	63	0	0	63	108
% Heavy	0%	0%	0%	0%	0%	2.2%	0%	6.2%	0%	4.6%	0%	3.5%	0%	0%	3.5%	0%	6.6%	0%	0%	6.6%	5.0%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & CICERO RD - TMC

Tue May 21, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 658745, Location: 40.046498, -86.01887, Site Code: i-119



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-21 4:30PM	1	0	1	0	2	14	0	18	0	32	0	355	0	0	355	0	273	0	0	273	662
4:45PM	0	0	0	0	0	9	0	33	0	42	0	325	0	0	325	0	269	0	0	269	636
5:00PM	2	0	0	0	2	6	0	28	0	34	0	330	0	0	330	0	260	0	0	260	626
5:15PM	0	0	1	0	1	8	0	34	0	42	0	360	0	0	360	0	254	0	0	254	657
Total	3	0	2	0	5	37	0	113	0	150	0	1370	0	0	1370	0	1056	0	0	1056	2581
% Approach	60.0%	0%	40.0%	0%	-	24.7%	0%	75.3%	0%	-	0%	100%	0%	0%	-	0%	100%	0%	0%	-	-
% Total	0.1%	0%	0.1%	0%	0.2%	1.4%	0%	4.4%	0%	5.8%	0%	53.1%	0%	0%	53.1%	0%	40.9%	0%	0%	40.9%	-
PHF	0.375	-	0.500	-	0.625	0.661	-	0.831	-	0.893	-	0.951	-	-	0.951	-	0.967	-	-	0.967	0.975
Lights and Motorcycles	3	0	2	0	5	36	0	108	0	144	0	1340	0	0	1340	0	1025	0	0	1025	2514
% Lights and Motorcycles	100%	0%	100%	0%	100%	97.3%	0%	95.6%	0%	96.0%	0%	97.8%	0%	0%	97.8%	0%	97.1%	0%	0%	97.1%	97.4%
Heavy	0	0	0	0	0	1	0	5	0	6	0	30	0	0	30	0	31	0	0	31	67
% Heavy	0%	0%	0%	0%	0%	2.7%	0%	4.4%	0%	4.0%	0%	2.2%	0%	0%	2.2%	0%	2.9%	0%	0%	2.9%	2.6%

* L: Left, R: Right, T: Thru, U: U-Turn

CONNOR ST (SR32) & 10TH ST - TMC

Wed Jan 16, 2019

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612011, Location: 40.045607, -86.012235, Site Code: i-120



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-16																					
3:00PM	25	50	5	0	80	11	43	5	0	59	13	122	23	0	158	13	117	11	0	141	438
3:15PM	35	62	10	0	107	15	39	5	0	59	5	119	16	0	140	10	132	11	0	153	459
3:30PM	27	54	13	0	94	10	53	8	0	71	12	104	14	0	130	10	87	6	0	103	398
3:45PM	21	53	9	0	83	14	32	8	0	54	15	124	27	0	166	1	113	12	0	126	429
Hourly Total	108	219	37	0	364	50	167	26	0	243	45	469	80	0	594	34	449	40	0	523	1724
4:00PM	34	57	6	0	97	7	40	6	0	53	10	128	29	0	167	5	117	11	0	133	450
4:15PM	50	77	8	0	135	12	41	6	0	59	12	142	17	0	171	4	99	7	0	110	475
4:30PM	38	103	8	0	149	7	63	6	0	76	15	143	25	0	183	11	107	8	0	126	534
4:45PM	37	82	8	0	127	14	48	6	0	68	16	136	13	0	165	7	111	4	0	122	482
Hourly Total	159	319	30	0	508	40	192	24	0	256	53	549	84	0	686	27	434	30	0	491	1941
5:00PM	45	94	13	0	152	16	60	6	0	82	10	127	18	0	155	10	116	9	0	135	524
5:15PM	42	86	9	0	137	8	44	4	0	56	23	133	19	0	175	11	100	10	0	121	489
5:30PM	35	67	9	0	111	14	30	5	0	49	21	136	16	0	173	7	118	11	0	136	469
5:45PM	38	56	14	0	108	14	50	7	0	71	20	137	23	0	180	11	118	7	0	136	495
Hourly Total	160	303	45	0	508	52	184	22	0	258	74	533	76	0	683	39	452	37	0	528	1977
6:00PM	35	59	9	0	103	10	44	8	0	62	18	133	18	0	169	6	99	14	0	119	453
6:15PM	38	66	10	0	114	5	38	5	0	48	25	105	14	0	144	11	90	4	0	105	411
6:30PM	29	54	12	0	95	10	43	6	0	59	10	95	9	0	114	9	123	3	0	135	403
6:45PM	37	49	9	0	95	16	25	10	0	51	12	85	10	0	107	7	91	14	0	112	365
Hourly Total	139	228	40	0	407	41	150	29	0	220	65	418	51	0	534	33	403	35	0	471	1632
7:00PM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
2019-01-17																					
6:30AM	8	14	3	0	25	5	28	1	0	34	2	61	7	0	70	2	77	4	0	83	212
6:45AM	14	25	4	0	43	1	31	3	0	35	7	74	6	0	87	4	108	3	0	115	280
Hourly Total	22	39	7	0	68	6	59	4	0	69	9	135	13	0	157	6	185	7	0	198	492
7:00AM	19	33	2	0	54	7	33	2	0	42	15	120	6	0	141	3	101	2	0	106	343
7:15AM	18	28	4	0	50	8	58	9	0	75	8	98	11	0	117	3	134	2	0	139	381
7:30AM	22	24	7	0	53	10	46	3	0	59	4	77	11	0	92	7	129	5	0	141	345
7:45AM	36	45	9	0	90	16	44	0	0	60	4	80	8	0	92	3	128	4	0	135	377
Hourly Total	95	130	22	0	247	41	181	14	0	236	31	375	36	0	442	16	492	13	0	521	1446
8:00AM	22	29	5	0	56	19	41	3	0	63	3	53	9	0	65	8	101	12	0	121	305
8:15AM	25	40	5	0	70	11	32	9	0	52	11	73	9	0	93	5	93	10	0	108	323
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	47	69	10	0	126	30	73	12	0	115	14	126	18	0	158	13	194	22	0	229	628
Total	730	1307	191	0	2228	261	1006	131	0	1398	291	2605	358	0	3254	168	2609	184	0	2961	9841
% Approach	32.8%	58.7%	8.6%	0%	-	18.7%	72.0%	9.4%	0%	-	8.9%	80.1%	11.0%	0%	-	5.7%	88.1%	6.2%	0%	-	-
% Total	7.4%	13.3%	1.9%	0%	22.6%	2.7%	10.2%	1.3%	0%	14.2%	3.0%	26.5%	3.6%	0%	33.1%	1.7%	26.5%	1.9%	0%	30.1%	-
Lights and Motorcycles	718	1279	187	0	2184	259	982	127	0	1368	283	2496	352	0	3131	161	2513	177	0	2851	9534
% Lights and Motorcycles	98.4%	97.9%	97.9%	0%	98.0%	99.2%	97.6%	96.9%	0%	97.9%	97.3%	95.8%	98.3%	0%	96.2%	95.8%	96.3%	96.2%	0%	96.3%	96.9%
Heavy	12	28	4	0	44	2	24	4	0	30	8	109	6	0	123	7	96	7	0	110	307
% Heavy	1.6%	2.1%	2.1%	0%	2.0%	0.8%	2.4%	3.1%	0%	2.1%	2.7%	4.2%	1.7%	0%	3.8%	4.2%	3.7%	3.8%	0%	3.7%	3.1%

*L: Left, R: Right, T: Thru, U: U-Turn

CONNOR ST (SR 32) & 10TH ST - TMC

Thu Jan 17, 2019

AM Peak (Jan 17 2019 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612011, Location: 40.045607, -86.012235, Site Code: i-120



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-01-17																									
7:00AM	19	33	2	0	54	7	33	2	0	42	15	120	6	0	141	3	101	2	0	106	343				
7:15AM	18	28	4	0	50	8	58	9	0	75	8	98	11	0	117	3	134	2	0	139	381				
7:30AM	22	24	7	0	53	10	46	3	0	59	4	77	11	0	92	7	129	5	0	141	345				
7:45AM	36	45	9	0	90	16	44	0	0	60	4	80	8	0	92	3	128	4	0	135	377				
Total	95	130	22	0	247	41	181	14	0	236	31	375	36	0	442	16	492	13	0	521	1446				
% Approach	38.5%	52.6%	8.9%	0%	-	17.4%	76.7%	5.9%	0%	-	7.0%	84.8%	8.1%	0%	-	3.1%	94.4%	2.5%	0%	-	-				
% Total	6.6%	9.0%	1.5%	0%	17.1%	2.8%	12.5%	1.0%	0%	16.3%	2.1%	25.9%	2.5%	0%	30.6%	1.1%	34.0%	0.9%	0%	36.0%	-				
PHF	0.660	0.722	0.611	-	0.686	0.641	0.780	0.389	-	0.787	0.517	0.781	0.818	-	0.784	0.571	0.918	0.650	-	0.924	0.949				
Lights and Motorcycles	93	126	22	0	241	41	177	13	0	231	31	365	35	0	431	14	454	13	0	481	1384				
% Lights and Motorcycles	97.9%	96.9%	100%	0%	97.6%	100%	97.8%	92.9%	0%	97.9%	100%	97.3%	97.2%	0%	97.5%	87.5%	92.3%	100%	0%	92.3%	95.7%				
Heavy	2	4	0	0	6	0	4	1	0	5	0	10	1	0	11	2	38	0	0	40	62				
% Heavy	2.1%	3.1%	0%	0%	2.4%	0%	2.2%	7.1%	0%	2.1%	0%	2.7%	2.8%	0%	2.5%	12.5%	7.7%	0%	0%	7.7%	4.3%				

*L: Left, R: Right, T: Thru, U: U-Turn

CONNORST (SR 32) & 10TH ST - TMC

Wed Jan 16, 2019

PM Peak (Jan 16 2019 4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612011, Location: 40.045607, -86.012235, Site Code: i-120



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-16																						
4:30PM	38	103	8	0	149	7	63	6	0	76	15	143	25	0	183	11	107	8	0	126	534	
4:45PM	37	82	8	0	127	14	48	6	0	68	16	136	13	0	165	7	111	4	0	122	482	
5:00PM	45	94	13	0	152	16	60	6	0	82	10	127	18	0	155	10	116	9	0	135	524	
5:15PM	42	86	9	0	137	8	44	4	0	56	23	133	19	0	175	11	100	10	0	121	489	
Total	162	365	38	0	565	45	215	22	0	282	64	539	75	0	678	39	434	31	0	504	2029	
% Approach	28.7%	64.6%	6.7%	0%	-	16.0%	76.2%	7.8%	0%	-	9.4%	79.5%	11.1%	0%	-	7.7%	86.1%	6.2%	0%	-	-	
% Total	8.0%	18.0%	1.9%	0%	27.8%	2.2%	10.6%	1.1%	0%	13.9%	3.2%	26.6%	3.7%	0%	33.4%	1.9%	21.4%	1.5%	0%	24.8%	-	
PHF	0.900	0.886	0.731	-	0.929	0.703	0.853	0.917	-	0.860	0.696	0.942	0.750	-	0.926	0.886	0.935	0.775	-	0.933	0.950	
Lights and Motorcycles	161	363	38	0	562	45	213	22	0	280	62	513	75	0	650	37	421	29	0	487	1979	
% Lights and Motorcycles	99.4%	99.5%	100%	0%	99.5%	100%	99.1%	100%	0%	99.3%	96.9%	95.2%	100%	0%	95.9%	94.9%	97.0%	93.5%	0%	96.6%	97.5%	
Heavy	1	2	0	0	3	0	2	0	0	2	2	26	0	0	28	2	13	2	0	17	50	
% Heavy	0.6%	0.5%	0%	0%	0.5%	0%	0.9%	0%	0%	0.7%	3.1%	4.8%	0%	0%	4.1%	5.1%	3.0%	6.5%	0%	3.4%	2.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 10TH ST - TMC

Wed Jan 16, 2019

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612017, Location: 40.043752, -86.012251, Site Code: i-121



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-16																						
3:00PM	0	76	0	0	76	2	75	1	0	78	2	1	2	0	5	2	5	4	1	12		171
3:15PM	0	103	2	0	105	0	62	2	0	64	0	2	2	0	4	1	3	5	0	9		182
3:30PM	0	83	1	0	84	4	80	0	0	84	1	6	3	1	11	1	5	5	0	11		190
3:45PM	1	75	4	0	80	5	64	0	0	69	2	7	6	0	15	2	5	7	1	15		179
Hourly Total	1	337	7	0	345	11	281	3	0	295	5	16	13	1	35	6	18	21	2	47		722
4:00PM	1	96	2	0	99	2	70	1	0	73	0	3	4	0	7	0	4	3	0	7		186
4:15PM	1	125	1	0	127	5	56	2	0	63	1	2	1	0	4	0	4	8	0	12		206
4:30PM	0	143	0	0	143	1	82	3	0	86	0	5	1	0	6	1	2	12	0	15		250
4:45PM	0	109	0	0	109	3	66	0	0	69	1	8	2	0	11	3	1	6	0	10		199
Hourly Total	2	473	3	0	478	11	274	6	0	291	2	18	8	0	28	4	11	29	0	44		841
5:00PM	0	131	3	0	134	7	80	1	0	88	0	1	4	1	6	3	3	13	0	19		247
5:15PM	1	124	5	0	130	10	77	0	0	87	1	8	2	0	11	3	6	12	0	21		249
5:30PM	1	107	2	0	110	8	48	1	0	57	0	12	6	0	18	0	4	3	0	7		192
5:45PM	3	110	3	0	116	4	68	1	0	73	0	5	4	0	9	3	1	3	0	7		205
Hourly Total	5	472	13	0	490	29	273	3	0	305	1	26	16	1	44	9	14	31	0	54		893
6:00PM	1	92	0	0	93	8	65	0	0	73	3	3	2	0	8	3	0	9	0	12		186
6:15PM	0	98	3	0	101	3	62	2	0	67	0	3	0	0	3	1	3	7	0	11		182
6:30PM	0	91	5	0	96	2	61	0	0	63	1	4	1	0	6	1	3	3	0	7		172
6:45PM	0	78	2	0	80	1	40	1	0	42	4	1	2	0	7	3	5	5	0	13		142
Hourly Total	1	359	10	0	370	14	228	3	0	245	8	11	5	0	24	8	11	24	0	43		682
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
2019-01-17																						
6:30AM	0	27	0	0	27	0	36	0	0	36	0	0	1	0	1	0	4	0	0	4		68
6:45AM	0	43	0	0	43	0	45	3	0	48	0	0	1	0	1	0	4	0	0	4		96
Hourly Total	0	70	0	0	70	0	81	3	0	84	0	0	2	0	2	0	8	0	0	8		164
7:00AM	1	54	0	0	55	0	40	0	0	40	0	2	0	0	2	2	1	2	0	5		102
7:15AM	1	51	2	0	54	0	69	0	0	69	1	3	0	0	4	1	4	3	0	8		135
7:30AM	0	45	0	0	45	1	58	2	0	61	1	0	1	0	2	3	5	6	0	14		122
7:45AM	2	82	1	0	85	0	48	0	0	48	0	1	0	0	1	1	11	8	1	21		155
Hourly Total	4	232	3	0	239	1	215	2	0	218	2	6	1	0	9	7	21	19	1	48		514
8:00AM	0	58	1	0	59	2	48	0	0	50	1	1	0	0	2	0	2	4	0	6		117
8:15AM	0	59	0	0	59	2	40	1	0	43	1	0	0	0	1	1	6	6	0	13		116
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hourly Total	0	117	1	0	118	4	88	1	0	93	2	1	0	0	3	1	8	10	0	19		233
Total	13	2060	37	0	2110	70	1440	21	0	1531	20	78	45	2	145	35	91	134	3	263		4049
% Approach	0.6%	97.6%	1.8%	0%	-	4.6%	94.1%	1.4%	0%	-	13.8%	53.8%	31.0%	1.4%	-	13.3%	34.6%	51.0%	1.1%	-		-
% Total	0.3%	50.9%	0.9%	0%	52.1%	1.7%	35.6%	0.5%	0%	37.8%	0.5%	1.9%	1.1%	0%	3.6%	0.9%	2.2%	3.3%	0.1%	6.5%		-
Lights and Motorcycles	13	2021	37	0	2071	67	1404	21	0	1492	19	77	44	2	142	34	89	133	3	259		3964
% Lights and Motorcycles	100%	98.1%	100%	0%	98.2%	95.7%	97.5%	100%	0%	97.5%	95.0%	98.7%	97.8%	100%	97.9%	97.1%	97.8%	99.3%	100%	98.5%		97.9%
Heavy	0	39	0	0	39	3	36	0	0	39	1	1	1	0	3	1	2	1	0	4		85
% Heavy	0%	1.9%	0%	0%	1.8%	4.3%	2.5%	0%	0%	2.5%	5.0%	1.3%	2.2%	0%	2.1%	2.9%	2.2%	0.7%	0%	1.5%		2.1%

* L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 10TH ST - TMC

Thu Jan 17, 2019

AM Peak (Jan 17 2019 7:15AM - 8:15AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612017, Location: 40.043752, -86.012251, Site Code: i-121



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-17																					
7:15AM	1	51	2	0	54	0	69	0	0	69	1	3	0	0	4	1	4	3	0	8	135
7:30AM	0	45	0	0	45	1	58	2	0	61	1	0	1	0	2	3	5	6	0	14	122
7:45AM	2	82	1	0	85	0	48	0	0	48	0	1	0	0	1	1	11	8	1	21	155
8:00AM	0	58	1	0	59	2	48	0	0	50	1	1	0	0	2	0	2	4	0	6	117
Total	3	236	4	0	243	3	223	2	0	228	3	5	1	0	9	5	22	21	1	49	529
% Approach	1.2%	97.1%	1.6%	0%	-	1.3%	97.8%	0.9%	0%	-	33.3%	55.6%	11.1%	0%	-	10.2%	44.9%	42.9%	2.0%	-	-
% Total	0.6%	44.6%	0.8%	0%	45.9%	0.6%	42.2%	0.4%	0%	43.1%	0.6%	0.9%	0.2%	0%	1.7%	0.9%	4.2%	4.0%	0.2%	9.3%	-
PHF	0.375	0.720	0.500	-	0.715	0.375	0.808	0.250	-	0.826	0.750	0.417	0.250	-	0.563	0.417	0.500	0.656	0.250	0.583	0.853
Lights and Motorcycles	3	229	4	0	236	2	214	2	0	218	3	5	1	0	9	5	20	21	1	47	510
% Lights and Motorcycles	100%	97.0%	100%	0%	97.1%	66.7%	96.0%	100%	0%	95.6%	100%	100%	100%	0%	100%	100%	90.9%	100%	100%	95.9%	96.4%
Heavy	0	7	0	0	7	1	9	0	0	10	0	0	0	0	0	0	2	0	0	2	19
% Heavy	0%	3.0%	0%	0%	2.9%	33.3%	4.0%	0%	0%	4.4%	0%	0%	0%	0%	0%	0%	9.1%	0%	0%	4.1%	3.6%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 10TH ST - TMC

Wed Jan 16, 2019

PM Peak (Jan 16 2019 4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612017, Location: 40.043752, -86.012251, Site Code: i-121



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-16																						
4:30PM	0	143	0	0	143	1	82	3	0	86	0	5	1	0	6	1	2	12	0	15		250
4:45PM	0	109	0	0	109	3	66	0	0	69	1	8	2	0	11	3	1	6	0	10		199
5:00PM	0	131	3	0	134	7	80	1	0	88	0	1	4	1	6	3	3	13	0	19		247
5:15PM	1	124	5	0	130	10	77	0	0	87	1	8	2	0	11	3	6	12	0	21		249
Total	1	507	8	0	516	21	305	4	0	330	2	22	9	1	34	10	12	43	0	65		945
% Approach	0.2%	98.3%	1.6%	0%	-	6.4%	92.4%	1.2%	0%	-	5.9%	64.7%	26.5%	2.9%	-	15.4%	18.5%	66.2%	0%	-		-
% Total	0.1%	53.7%	0.8%	0%	54.6%	2.2%	32.3%	0.4%	0%	34.9%	0.2%	2.3%	1.0%	0.1%	3.6%	1.1%	1.3%	4.6%	0%	6.9%		-
PHF	0.250	0.886	0.400	-	0.902	0.525	0.930	0.333	-	0.938	0.500	0.688	0.563	0.250	0.773	0.833	0.500	0.827	-	0.774		0.945
Lights and Motorcycles	1	505	8	0	514	21	302	4	0	327	2	22	9	1	34	10	12	43	0	65		940
% Lights and Motorcycles	100%	99.6%	100%	0%	99.6%	100%	99.0%	100%	0%	99.1%	100%	100%	100%	100%	100%	100%	100%	100%	0%	100%		99.5%
Heavy	0	2	0	0	2	0	3	0	0	3	0	0	0	0	0	0	0	0	0	0		5
% Heavy	0%	0.4%	0%	0%	0.4%	0%	1.0%	0%	0%	0.9%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

CONNOR ST (SR32) & 16TH ST - TMC

Wed Jan 16, 2019

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612010, Location: 40.045661, -86.00521, Site Code: i-122



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-16 3:00PM	2	8	2	0	12	15	6	6	0	27	3	122	2	0	127	1	141	16	0	158	324
3:15PM	1	3	1	0	5	17	6	6	0	29	2	141	2	0	145	2	153	9	0	164	343
3:30PM	0	11	4	0	15	20	19	2	0	41	1	114	1	0	116	4	113	14	0	131	303
3:45PM	0	9	1	0	10	14	10	1	0	25	4	146	1	0	151	1	135	18	0	154	340
Hourly Total	3	31	8	0	42	66	41	15	0	122	10	523	6	0	539	8	542	57	0	607	1310
4:00PM	5	18	2	0	25	15	12	1	0	28	1	136	2	0	139	0	129	17	0	146	338
4:15PM	0	10	0	0	10	22	8	3	0	33	6	138	2	0	146	1	120	11	0	132	321
4:30PM	6	15	1	0	22	15	11	3	0	29	5	143	3	0	151	1	139	20	0	160	362
4:45PM	2	10	1	0	13	15	22	6	0	43	12	137	0	0	149	0	128	16	0	144	349
Hourly Total	13	53	4	0	70	67	53	13	0	133	24	554	7	0	585	2	516	64	0	582	1370
5:00PM	4	10	1	0	15	13	24	3	0	40	7	146	6	0	159	1	117	20	0	138	352
5:15PM	0	10	0	0	10	9	19	4	0	32	11	126	6	0	143	2	136	20	0	158	343
5:30PM	1	9	3	0	13	15	12	2	0	29	7	153	1	0	161	0	120	21	0	141	344
5:45PM	4	13	2	0	19	10	5	3	0	18	13	135	1	0	149	4	132	10	0	146	332
Hourly Total	9	42	6	0	57	47	60	12	0	119	38	560	14	0	612	7	505	71	0	583	1371
6:00PM	0	13	1	0	14	16	6	6	0	28	6	151	0	0	157	0	109	13	0	122	321
6:15PM	1	8	2	0	11	7	16	1	0	24	2	134	0	0	136	0	110	10	0	120	291
6:30PM	0	5	0	0	5	11	10	9	0	30	2	107	0	0	109	0	130	15	0	145	289
6:45PM	3	4	0	0	7	11	7	2	0	20	6	101	0	0	107	0	113	8	0	121	255
Hourly Total	4	30	3	0	37	45	39	18	0	102	16	493	0	0	509	0	462	46	0	508	1156
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019-01-17 6:30AM	0	0	0	0	0	10	2	1	0	13	0	60	0	0	60	0	78	2	0	80	153
6:45AM	0	2	0	0	2	9	4	1	0	14	1	72	0	0	73	0	123	2	0	125	214
Hourly Total	0	2	0	0	2	19	6	2	0	27	1	132	0	0	133	0	201	4	0	205	367
7:00AM	1	17	1	0	19	16	3	0	0	19	14	92	1	0	107	1	106	8	0	115	260
7:15AM	2	7	1	0	10	23	14	1	0	38	8	131	1	0	140	0	138	10	0	148	336
7:30AM	1	9	0	0	10	9	18	6	0	33	2	82	0	0	84	0	147	3	0	150	277
7:45AM	1	6	1	0	8	16	6	5	0	27	2	95	1	0	98	2	124	4	0	130	263
Hourly Total	5	39	3	0	47	64	41	12	0	117	26	400	3	0	429	3	515	25	0	543	1136
8:00AM	0	2	0	0	2	11	6	3	0	20	4	90	1	0	95	1	134	7	0	142	259
8:15AM	3	5	1	0	9	10	12	2	0	24	2	87	0	0	89	0	110	5	0	115	237
8:30AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Hourly Total	3	7	1	0	11	21	18	5	0	44	6	178	1	0	185	1	244	12	0	257	497
Total	37	204	25	0	266	329	258	77	0	664	121	2840	31	0	2992	21	2985	279	0	3285	7207
% Approach	13.9%	76.7%	9.4%	0%	-	49.5%	38.9%	11.6%	0%	-	4.0%	94.9%	1.0%	0%	-	0.6%	90.9%	8.5%	0%	-	-
% Total	0.5%	2.8%	0.3%	0%	3.7%	4.6%	3.6%	1.1%	0%	9.2%	1.7%	39.4%	0.4%	0%	4.15%	0.3%	41.4%	3.9%	0%	45.6%	-
Lights and Motorcycles	36	194	25	0	255	317	249	74	0	640	117	2730	29	0	2876	18	2874	274	0	3166	6937
% Lights and Motorcycles	97.3%	95.1%	100%	0%	95.9%	96.4%	96.5%	96.1%	0%	96.4%	96.7%	96.1%	93.5%	0%	96.1%	85.7%	96.3%	98.2%	0%	96.4%	96.3%
Heavy	1	10	0	0	11	12	9	3	0	24	4	110	2	0	116	3	111	5	0	119	270
% Heavy	2.7%	4.9%	0%	0%	4.1%	3.6%	3.5%	3.9%	0%	3.6%	3.3%	3.9%	6.5%	0%	3.9%	14.3%	3.7%	1.8%	0%	3.6%	3.7%

* L: Left, R: Right, T: Thru, U: U-Turn

CONNOR ST (SR32) & 16TH ST - TMC

Thu Jan 17, 2019

AM Peak (Jan 17 2019 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612010, Location: 40.045661, -86.00521, Site Code: i-122



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-17																						
7:00AM	1	17	1	0	19	16	3	0	0	19	14	92	1	0	107	1	106	8	0	115	260	
7:15AM	2	7	1	0	10	23	14	1	0	38	8	131	1	0	140	0	138	10	0	148	336	
7:30AM	1	9	0	0	10	9	18	6	0	33	2	82	0	0	84	0	147	3	0	150	277	
7:45AM	1	6	1	0	8	16	6	5	0	27	2	95	1	0	98	2	124	4	0	130	263	
Total	5	39	3	0	47	64	41	12	0	117	26	400	3	0	429	3	515	25	0	543	1136	
% Approach	10.6%	83.0%	6.4%	0%	-	54.7%	35.0%	10.3%	0%	-	6.1%	93.2%	0.7%	0%	-	0.6%	94.8%	4.6%	0%	-	-	
% Total	0.4%	3.4%	0.3%	0%	4.1%	5.6%	3.6%	1.1%	0%	10.3%	2.3%	35.2%	0.3%	0%	37.8%	0.3%	45.3%	2.2%	0%	47.8%	-	
PHF	0.625	0.574	0.750	-	0.618	0.696	0.569	0.500	-	0.770	0.464	0.763	0.750	-	0.766	0.375	0.876	0.625	-	0.905	0.845	
Lights and Motorcycles	4	32	3	0	39	56	35	11	0	102	24	391	3	0	418	2	477	24	0	503	1062	
% Lights and Motorcycles	80.0%	82.1%	100%	0%	83.0%	87.5%	85.4%	91.7%	0%	87.2%	92.3%	97.8%	100%	0%	97.4%	66.7%	92.6%	96.0%	0%	92.6%	93.5%	
Heavy	1	7	0	0	8	8	6	1	0	15	2	9	0	0	11	1	38	1	0	40	74	
% Heavy	20.0%	17.9%	0%	0%	17.0%	12.5%	14.6%	8.3%	0%	12.8%	7.7%	2.3%	0%	0%	2.6%	33.3%	7.4%	4.0%	0%	7.4%	6.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

CONNOR ST (SR 32) & 16TH ST - TMC

Wed Jan 16, 2019

PM Peak (Jan 16 2019 4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612010, Location: 40.045661, -86.00521, Site Code: i-122



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-16																						
4:30PM	6	15	1	0	22	15	11	3	0	29	5	143	3	0	151	1	139	20	0	160	362	
4:45PM	2	10	1	0	13	15	22	6	0	43	12	137	0	0	149	0	128	16	0	144	349	
5:00PM	4	10	1	0	15	13	24	3	0	40	7	146	6	0	159	1	117	20	0	138	352	
5:15PM	0	10	0	0	10	9	19	4	0	32	11	126	6	0	143	2	136	20	0	158	343	
Total	12	45	3	0	60	52	76	16	0	144	35	552	15	0	602	4	520	76	0	600	1406	
% Approach	20.0%	75.0%	5.0%	0%	-	36.1%	52.8%	11.1%	0%	-	5.8%	91.7%	2.5%	0%	-	0.7%	86.7%	12.7%	0%	-	-	
% Total	0.9%	3.2%	0.2%	0%	4.3%	3.7%	5.4%	1.1%	0%	10.2%	2.5%	39.3%	1.1%	0%	42.8%	0.3%	37.0%	5.4%	0%	42.7%	-	
PHF	0.500	0.750	0.750	-	0.682	0.867	0.792	0.667	-	0.837	0.729	0.945	0.625	-	0.947	0.500	0.935	0.950	-	0.938	0.971	
Lights and Motorcycles	12	45	3	0	60	51	75	16	0	142	35	524	15	0	574	4	499	76	0	579	1355	
% Lights and Motorcycles	100%	100%	100%	0%	100%	98.1%	98.7%	100%	0%	98.6%	100%	94.9%	100%	0%	95.3%	100%	96.0%	100%	0%	96.5%	96.4%	
Heavy	0	0	0	0	0	1	1	0	0	2	0	28	0	0	28	0	21	0	0	21	51	
% Heavy	0%	0%	0%	0%	0%	1.9%	1.3%	0%	0%	1.4%	0%	5.1%	0%	0%	4.7%	0%	4.0%	0%	0%	3.5%	3.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 16TH ST - TMC

Wed Jan 16, 2019

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612018, Location: 40.043823, -86.00513, Site Code: i-123



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-16																					
3:00PM	0	0	0	0	0	7	1	1	0	9	0	3	0	0	3	0	14	3	0	17	29
3:15PM	0	3	0	0	3	4	2	2	0	8	0	6	0	0	6	0	9	1	0	10	27
3:30PM	0	4	0	0	4	7	5	4	0	16	0	9	0	0	9	0	11	3	0	14	43
3:45PM	0	1	0	0	1	4	2	2	0	8	2	11	0	0	13	0	12	3	0	15	37
Hourly Total	0	8	0	0	8	22	10	9	0	41	2	29	0	0	31	0	46	10	0	56	136
4:00PM	0	8	0	0	8	9	0	0	0	9	2	8	0	0	10	0	9	6	0	15	42
4:15PM	0	2	0	0	2	8	1	0	0	9	0	6	0	0	6	0	11	2	0	13	30
4:30PM	0	3	0	0	3	6	3	3	0	12	0	7	0	0	7	0	16	6	0	22	44
4:45PM	0	5	1	0	6	10	4	3	0	17	1	15	0	0	16	0	13	6	0	19	58
Hourly Total	0	18	1	0	19	33	8	6	0	47	3	36	0	0	39	0	49	20	0	69	174
5:00PM	2	3	0	0	5	20	4	3	0	27	0	12	0	0	12	1	12	4	0	17	61
5:15PM	0	4	2	0	6	13	6	0	0	19	1	19	0	0	20	0	21	3	0	24	69
5:30PM	0	1	1	0	2	9	3	0	0	12	2	19	0	0	21	0	9	5	0	14	49
5:45PM	0	3	0	0	3	5	2	0	0	7	1	10	0	0	11	0	7	6	0	13	34
Hourly Total	2	11	3	0	16	47	15	3	0	65	4	60	0	0	64	1	49	18	0	68	213
6:00PM	0	3	1	0	4	3	2	1	0	6	0	8	0	0	8	0	11	5	0	16	34
6:15PM	0	4	1	0	5	5	3	2	0	10	0	6	0	0	6	1	11	1	0	13	34
6:30PM	0	2	0	0	2	5	2	0	0	7	0	7	0	0	7	0	9	4	0	13	29
6:45PM	0	1	0	0	1	4	2	0	0	6	0	4	0	0	4	0	12	2	0	14	25
Hourly Total	0	10	2	0	12	17	9	3	0	29	0	25	0	0	25	1	43	12	0	56	122
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019-01-17																					
6:30AM	0	0	0	0	0	2	1	0	0	3	0	1	0	0	1	0	2	0	0	2	6
6:45AM	0	0	0	0	0	2	0	0	0	2	0	2	0	0	2	0	5	2	0	7	11
Hourly Total	0	0	0	0	0	4	1	0	0	5	0	3	0	0	3	0	7	2	0	9	17
7:00AM	0	9	0	0	9	0	3	0	0	3	1	3	0	0	4	0	4	3	0	7	23
7:15AM	0	3	0	0	3	10	4	0	0	14	0	5	0	0	5	0	7	5	0	12	34
7:30AM	0	2	0	0	2	6	5	3	0	14	0	0	0	0	0	0	12	1	0	13	29
7:45AM	0	0	0	0	0	6	3	1	0	10	1	3	0	0	4	0	20	3	0	23	37
Hourly Total	0	14	0	0	14	22	15	4	0	41	2	11	0	0	13	0	43	12	0	55	123
8:00AM	0	2	0	0	2	0	2	0	0	2	0	3	0	0	3	0	5	0	0	5	12
8:15AM	0	0	0	0	0	7	1	0	0	8	1	4	0	0	5	0	12	0	0	12	25
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	2	0	0	2	7	3	0	0	10	1	7	0	0	8	0	17	0	0	17	37
Total	2	63	6	0	71	152	61	25	0	238	12	171	0	0	183	2	254	74	0	330	822
% Approach	2.8%	88.7%	8.5%	0%	-	63.9%	25.6%	10.5%	0%	-	6.6%	93.4%	0%	0%	-	0.6%	77.0%	22.4%	0%	-	-
% Total	0.2%	7.7%	0.7%	0%	8.6%	18.5%	7.4%	3.0%	0%	29.0%	1.5%	20.8%	0%	0%	22.3%	0.2%	30.9%	9.0%	0%	40.1%	-
Lights and Motorcycles	2	57	6	0	65	146	57	23	0	226	12	165	0	0	177	2	252	71	0	325	793
% Lights and Motorcycles	100%	90.5%	100%	0%	91.5%	96.1%	93.4%	92.0%	0%	95.0%	100%	96.5%	0%	0%	96.7%	100%	99.2%	95.9%	0%	98.5%	96.5%
Heavy	0	6	0	0	6	6	4	2	0	12	0	6	0	0	6	0	2	3	0	5	29
% Heavy	0%	9.5%	0%	0%	8.5%	3.9%	6.6%	8.0%	0%	5.0%	0%	3.5%	0%	0%	3.3%	0%	0.8%	4.1%	0%	1.5%	3.5%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 16TH ST - TMC

Thu Jan 17, 2019

AM Peak (Jan 17 2019 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612018, Location: 40.043823, -86.00513, Site Code: i-123



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-17 7:00AM	0	9	0	0	9	0	3	0	0	3	1	3	0	0	4	0	4	3	0	7	23
7:15AM	0	3	0	0	3	10	4	0	0	14	0	5	0	0	5	0	7	5	0	12	34
7:30AM	0	2	0	0	2	6	5	3	0	14	0	0	0	0	0	0	12	1	0	13	29
7:45AM	0	0	0	0	0	6	3	1	0	10	1	3	0	0	4	0	20	3	0	23	37
Total	0	14	0	0	14	22	15	4	0	41	2	11	0	0	13	0	43	12	0	55	123
% Approach	0%	100%	0%	0%	-	53.7%	36.6%	9.8%	0%	-	15.4%	84.6%	0%	0%	-	0%	78.2%	21.8%	0%	-	-
% Total	0%	11.4%	0%	0%	11.4%	17.9%	12.2%	3.3%	0%	33.3%	1.6%	8.9%	0%	0%	10.6%	0%	35.0%	9.8%	0%	44.7%	-
PHF	-	0.389	-	-	0.389	0.550	0.750	0.333	-	0.732	0.500	0.550	-	-	0.650	-	0.538	0.600	-	0.598	0.831
Lights and Motorcycles	0	10	0	0	10	18	12	3	0	33	2	11	0	0	13	0	43	9	0	52	108
% Lights and Motorcycles	0%	71.4%	0%	0%	71.4%	81.8%	80.0%	75.0%	0%	80.5%	100%	100%	0%	0%	100%	0%	100%	75.0%	0%	94.5%	87.8%
Heavy	0	4	0	0	4	4	3	1	0	8	0	0	0	0	0	0	0	3	0	3	15
% Heavy	0%	28.6%	0%	0%	28.6%	18.2%	20.0%	25.0%	0%	19.5%	0%	0%	0%	0%	0%	0%	0%	25.0%	0%	5.5%	12.2%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 16TH ST - TMC

Wed Jan 16, 2019

PM Peak (Jan 16 2019 4:45PM - 5:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612018, Location: 40.043823, -86.00513, Site Code: i-123



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-16 4:45PM	0	5	1	0	6	10	4	3	0	17	1	15	0	0	16	0	13	6	0	19	58	
5:00PM	2	3	0	0	5	20	4	3	0	27	0	12	0	0	12	1	12	4	0	17	61	
5:15PM	0	4	2	0	6	13	6	0	0	19	1	19	0	0	20	0	21	3	0	24	69	
5:30PM	0	1	1	0	2	9	3	0	0	12	2	19	0	0	21	0	9	5	0	14	49	
Total	2	13	4	0	19	52	17	6	0	75	4	65	0	0	69	1	55	18	0	74	237	
% Approach	10.5%	68.4%	21.1%	0%	-	69.3%	22.7%	8.0%	0%	-	5.8%	94.2%	0%	0%	-	1.4%	74.3%	24.3%	0%	-	-	
% Total	0.8%	5.5%	1.7%	0%	8.0%	21.9%	7.2%	2.5%	0%	31.6%	1.7%	27.4%	0%	0%	29.1%	0.4%	23.2%	7.6%	0%	31.2%	-	
PHF	0.250	0.650	0.500	-	0.792	0.650	0.708	0.500	-	0.694	0.500	0.855	-	-	0.821	0.250	0.655	0.750	-	0.771	0.859	
Lights and Motorcycles	2	12	4	0	18	52	17	5	0	74	4	65	0	0	69	1	55	18	0	74	235	
% Lights and Motorcycles	100%	92.3%	100%	0%	94.7%	100%	100%	83.3%	0%	98.7%	100%	100%	0%	0%	100%	100%	100%	100%	0%	100%	99.2%	
Heavy	0	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
% Heavy	0%	7.7%	0%	0%	5.3%	0%	0%	16.7%	0%	1.3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

CONNOR ST (SR 32) & 19TH ST - TMC

Wed Jan 16, 2019

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612007, Location: 40.045582, -86.000318, Site Code: i-124



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-16 3:00PM	19	9	8	0	36	15	7	7	0	29	6	133	8	0	147	5	132	11	0	148	360
3:15PM	21	5	8	0	34	18	5	8	0	31	7	145	4	0	156	5	121	14	0	140	361
3:30PM	14	6	11	0	31	8	5	9	0	22	4	151	3	0	158	9	103	7	0	119	330
3:45PM	20	6	8	0	34	14	3	8	0	25	11	136	8	0	155	8	125	18	0	151	365
Hourly Total	74	26	35	0	135	55	20	32	0	107	28	565	23	0	616	27	481	50	0	558	1416
4:00PM	17	10	10	0	37	17	5	11	0	33	5	132	14	0	151	10	120	22	0	152	373
4:15PM	17	5	8	0	30	16	7	8	0	31	4	141	17	0	162	9	115	20	0	144	367
4:30PM	27	1	12	0	40	21	7	16	0	44	4	136	10	0	150	4	129	10	0	143	377
4:45PM	27	8	10	0	45	6	7	11	0	24	2	111	12	0	125	6	138	19	0	163	357
Hourly Total	88	24	40	0	152	60	26	46	0	132	15	520	53	0	588	29	502	71	0	602	1474
5:00PM	27	5	10	0	42	13	7	10	0	30	5	106	12	0	123	7	129	17	0	153	348
5:15PM	30	4	11	0	45	5	5	9	0	19	6	134	13	0	153	6	141	12	0	159	376
5:30PM	25	5	10	0	40	11	3	7	0	21	7	130	14	0	151	4	138	8	0	150	362
5:45PM	31	9	7	0	47	13	3	9	0	25	5	128	7	0	140	5	131	13	0	149	361
Hourly Total	113	23	38	0	174	42	18	35	0	95	23	498	46	0	567	22	539	50	0	611	1447
6:00PM	21	3	8	0	32	11	4	7	0	22	2	146	6	0	154	10	115	6	0	131	339
6:15PM	17	4	8	0	29	10	10	9	0	29	7	111	1	0	119	2	108	12	0	122	299
6:30PM	13	11	5	0	29	15	2	6	0	23	9	110	7	0	126	2	114	10	0	126	304
6:45PM	12	4	7	0	23	13	3	9	0	25	4	109	8	0	121	4	95	15	0	114	283
Hourly Total	63	22	28	0	113	49	19	31	0	99	22	476	22	0	520	18	432	43	0	493	1225
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019-01-17 6:30AM	1	2	3	0	6	3	4	3	0	10	2	65	6	0	73	0	83	7	0	90	179
6:45AM	4	3	3	0	10	7	1	1	0	9	2	76	4	0	82	4	116	12	0	132	233
Hourly Total	5	5	6	0	16	10	5	4	0	19	4	141	10	0	155	4	199	19	0	222	412
7:00AM	9	4	5	0	18	12	1	3	0	16	1	112	7	0	120	3	116	14	0	133	287
7:15AM	10	3	8	0	21	12	4	10	0	26	1	117	8	0	126	3	142	12	0	157	330
7:30AM	10	2	4	0	16	11	2	8	0	21	4	83	6	0	93	2	145	15	0	162	292
7:45AM	8	2	4	0	14	5	4	3	0	12	2	87	7	0	96	8	128	11	0	147	269
Hourly Total	37	11	21	0	69	40	11	24	0	75	8	399	28	0	435	16	531	52	0	599	1178
8:00AM	6	1	5	0	12	6	3	8	0	17	6	75	4	0	85	0	125	8	0	133	247
8:15AM	6	4	4	0	14	8	3	7	0	18	8	86	5	0	99	3	86	16	0	105	236
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	12	5	9	0	26	14	6	15	0	35	14	161	9	0	184	3	211	24	0	238	483
Total	392	116	177	0	685	270	105	187	0	562	114	2760	191	0	3065	119	2895	309	0	3323	7635
% Approach	57.2%	16.9%	25.8%	0%	-	48.0%	18.7%	33.3%	0%	-	3.7%	90.0%	6.2%	0%	-	3.6%	87.1%	9.3%	0%	-	-
% Total	5.1%	1.5%	2.3%	0%	9.0%	3.5%	1.4%	2.4%	0%	7.4%	1.5%	36.1%	2.5%	0%	40.1%	1.6%	37.9%	4.0%	0%	43.5%	-
Lights and Motorcycles	391	113	173	0	677	263	104	182	0	549	111	2661	185	0	2957	119	2783	302	0	3204	7387
% Lights and Motorcycles	99.7%	97.4%	97.7%	0%	98.8%	97.4%	99.0%	97.3%	0%	97.7%	97.4%	96.4%	96.9%	0%	96.5%	100%	96.1%	97.7%	0%	96.4%	96.8%
Heavy	1	3	4	0	8	7	1	5	0	13	3	99	6	0	108	0	112	7	0	119	248
% Heavy	0.3%	2.6%	2.3%	0%	1.2%	2.6%	1.0%	2.7%	0%	2.3%	2.6%	3.6%	3.1%	0%	3.5%	0%	3.9%	2.3%	0%	3.6%	3.2%

* L: Left, R: Right, T: Thru, U: U-Turn

CONNOR ST (SR32) & 19TH ST - TMC

Thu Jan 17, 2019

AM Peak (Jan 17 2019 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612007, Location: 40.045582, -86.000318, Site Code: i-124



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-17 7:00AM	9	4	5	0	18	12	1	3	0	16	1	112	7	0	120	3	116	14	0	133	287
7:15AM	10	3	8	0	21	12	4	10	0	26	1	117	8	0	126	3	142	12	0	157	330
7:30AM	10	2	4	0	16	11	2	8	0	21	4	83	6	0	93	2	145	15	0	162	292
7:45AM	8	2	4	0	14	5	4	3	0	12	2	87	7	0	96	8	128	11	0	147	269
Total	37	11	21	0	69	40	11	24	0	75	8	399	28	0	435	16	531	52	0	599	1178
% Approach	53.6%	15.9%	30.4%	0%	-	53.3%	14.7%	32.0%	0%	-	1.8%	91.7%	6.4%	0%	-	2.7%	88.6%	8.7%	0%	-	-
% Total	3.1%	0.9%	1.8%	0%	5.9%	3.4%	0.9%	2.0%	0%	6.4%	0.7%	33.9%	2.4%	0%	36.9%	1.4%	45.1%	4.4%	0%	50.8%	-
PHF	0.925	0.688	0.656	-	0.821	0.833	0.688	0.600	-	0.721	0.500	0.853	0.875	-	0.863	0.500	0.916	0.867	-	0.924	0.892
Lights and Motorcycles	37	11	20	0	68	40	10	21	0	71	7	386	27	0	420	16	488	47	0	551	1110
% Lights and Motorcycles	100%	100%	95.2%	0%	98.6%	100%	90.9%	87.5%	0%	94.7%	87.5%	96.7%	96.4%	0%	96.6%	100%	91.9%	90.4%	0%	92.0%	94.2%
Heavy	0	0	1	0	1	0	1	3	0	4	1	13	1	0	15	0	43	5	0	48	68
% Heavy	0%	0%	4.8%	0%	1.4%	0%	9.1%	12.5%	0%	5.3%	12.5%	3.3%	3.6%	0%	3.4%	0%	8.1%	9.6%	0%	8.0%	5.8%

*L: Left, R: Right, T: Thru, U: U-Turn

CONNORST (SR 32) & 19TH ST - TMC

Wed Jan 16, 2019

PM Peak (Jan 16 2019 3:45PM - 4:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612007, Location: 40.045582, -86.000318, Site Code: i-124



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-16 3:45PM	20	6	8	0	34	14	3	8	0	25	11	136	8	0	155	8	125	18	0	151	365
4:00PM	17	10	10	0	37	17	5	11	0	33	5	132	14	0	151	10	120	22	0	152	373
4:15PM	17	5	8	0	30	16	7	8	0	31	4	141	17	0	162	9	115	20	0	144	367
4:30PM	27	1	12	0	40	21	7	16	0	44	4	136	10	0	150	4	129	10	0	143	377
Total	81	22	38	0	141	68	22	43	0	133	24	545	49	0	618	31	489	70	0	590	1482
% Approach	57.4%	15.6%	27.0%	0%	-	51.1%	16.5%	32.3%	0%	-	3.9%	88.2%	7.9%	0%	-	5.3%	82.9%	11.9%	0%	-	-
% Total	5.5%	1.5%	2.6%	0%	9.5%	4.6%	1.5%	2.9%	0%	9.0%	1.6%	36.8%	3.3%	0%	41.7%	2.1%	33.0%	4.7%	0%	39.8%	-
PHF	0.750	0.550	0.792	-	0.881	0.810	0.786	0.672	-	0.756	0.545	0.966	0.721	-	0.954	0.775	0.948	0.795	-	0.970	0.983
Lights and Motorcycles	81	22	38	0	141	67	22	43	0	132	24	515	47	0	586	31	476	69	0	576	1435
% Lights and Motorcycles	100%	100%	100%	0%	100%	98.5%	100%	100%	0%	99.2%	100%	94.5%	95.9%	0%	94.8%	100%	97.3%	98.6%	0%	97.6%	96.8%
Heavy	0	0	0	0	0	1	0	0	0	1	0	30	2	0	32	0	13	1	0	14	47
% Heavy	0%	0%	0%	0%	0%	1.5%	0%	0%	0%	0.8%	0%	5.5%	4.1%	0%	5.2%	0%	2.7%	1.4%	0%	2.4%	3.2%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 19TH ST - TMC

Wed Jan 16, 2019

Full Length (4 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612019, Location: 40.043814, -86.000341, Site Code: i-125



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-16																					
4:00PM	2	28	11	0	41	14	17	1	0	32	4	10	3	0	17	8	12	6	0	26	116
4:15PM	5	25	11	0	41	20	15	0	0	35	0	17	4	0	21	4	14	8	0	26	123
4:30PM	1	25	11	0	37	27	13	1	0	41	0	24	0	0	24	17	21	20	0	58	160
4:45PM	4	29	14	0	47	25	12	0	0	37	0	32	0	0	32	9	13	24	0	46	162
Hourly Total	12	107	47	0	166	86	57	2	0	145	4	83	7	0	94	38	60	58	0	156	561
5:00PM	1	38	24	0	63	22	19	1	0	42	2	33	9	0	44	10	19	14	0	43	192
5:15PM	4	28	16	0	48	19	17	0	0	36	2	34	5	0	41	7	23	20	0	50	175
5:30PM	3	26	18	0	47	10	12	0	0	22	1	28	2	0	31	6	17	15	0	38	138
5:45PM	1	33	10	0	44	9	14	0	0	23	2	18	3	0	23	8	16	21	0	45	135
Hourly Total	9	125	68	0	202	60	62	1	0	123	7	113	19	0	139	31	75	70	0	176	640
6:00PM	4	22	7	0	33	11	14	3	0	28	1	12	0	0	13	9	7	13	0	29	103
6:15PM	1	23	8	0	32	7	14	2	0	23	1	8	3	0	12	6	12	6	0	24	91
6:30PM	1	20	10	0	31	10	13	0	0	23	0	12	1	0	13	10	13	13	0	36	103
6:45PM	4	15	12	0	31	7	7	1	0	15	1	6	2	0	9	6	12	15	0	33	88
Hourly Total	10	80	37	0	127	35	48	6	0	89	3	38	6	0	47	31	44	47	0	122	385
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019-01-17																					
6:30AM	0	5	2	0	7	4	9	0	0	13	0	4	1	0	5	1	4	1	0	6	31
6:45AM	0	7	5	0	12	8	7	0	0	15	0	4	2	0	6	3	9	4	0	16	49
Hourly Total	0	12	7	0	19	12	16	0	0	28	0	8	3	0	11	4	13	5	0	22	80
7:00AM	0	14	21	0	35	10	6	1	0	17	0	3	1	0	4	7	11	8	0	26	82
7:15AM	0	15	16	0	31	11	10	0	0	21	0	13	4	0	17	13	9	9	0	31	100
7:30AM	1	12	7	0	20	8	11	0	0	19	0	8	1	0	9	11	17	9	0	37	85
7:45AM	3	6	4	0	13	15	13	0	0	28	0	6	2	0	8	16	21	10	0	47	96
Hourly Total	4	47	48	0	99	44	40	1	0	85	0	30	8	0	38	47	58	36	0	141	363
8:00AM	0	7	7	0	14	3	7	0	0	10	0	3	0	0	3	7	9	9	0	25	52
8:15AM	0	9	3	0	12	5	10	1	0	16	1	7	3	0	11	8	13	13	0	34	73
Hourly Total	0	16	10	0	26	8	17	1	0	26	1	10	3	0	14	15	22	22	0	59	125
Total	35	387	217	0	639	245	240	11	0	496	15	282	46	0	343	166	272	238	0	676	2154
% Approach	5.5%	60.6%	34.0%	0%		49.4%	48.4%	2.2%	0%		4.4%	82.2%	13.4%	0%		24.6%	40.2%	35.2%	0%		-
% Total	1.6%	18.0%	10.1%	0%	29.7%	11.4%	11.1%	0.5%	0%	23.0%	0.7%	13.1%	2.1%	0%	15.9%	7.7%	12.6%	11.0%	0%	31.4%	-
Lights and Motorcycles	35	383	216	0	634	242	237	11	0	490	14	275	44	0	333	162	267	238	0	667	2124
% Lights and Motorcycles	100%	99.0%	99.5%	0%	99.2%	98.8%	98.8%	100%	0%	98.8%	93.3%	97.5%	95.7%	0%	97.1%	97.6%	98.2%	100%	0%	98.7%	98.6%
Heavy	0	4	1	0	5	3	3	0	0	6	1	7	2	0	10	4	5	0	0	9	30
% Heavy	0%	1.0%	0.5%	0%	0.8%	1.2%	1.3%	0%	0%	1.2%	6.7%	2.5%	4.3%	0%	2.9%	2.4%	1.8%	0%	0%	1.3%	1.4%

* L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 19TH ST - TMC

Thu Jan 17, 2019

AM Peak (Jan 17 2019 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612019, Location: 40.043814, -86.000341, Site Code: i-125



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-17																						
7:00AM	0	14	21	0	35	10	6	1	0	17	0	3	1	0	4	7	11	8	0	26		82
7:15AM	0	15	16	0	31	11	10	0	0	21	0	13	4	0	17	13	9	9	0	31		100
7:30AM	1	12	7	0	20	8	11	0	0	19	0	8	1	0	9	11	17	9	0	37		85
7:45AM	3	6	4	0	13	15	13	0	0	28	0	6	2	0	8	16	21	10	0	47		96
Total	4	47	48	0	99	44	40	1	0	85	0	30	8	0	38	47	58	36	0	141		363
% Approach	4.0%	47.5%	48.5%	0%	-	51.8%	47.1%	1.2%	0%	-	0%	78.9%	21.1%	0%	-	33.3%	41.1%	25.5%	0%	-		-
% Total	1.1%	12.9%	13.2%	0%	27.3%	12.1%	11.0%	0.3%	0%	23.4%	0%	8.3%	2.2%	0%	10.5%	12.9%	16.0%	9.9%	0%	38.8%		-
PHF	0.333	0.783	0.571	-	0.707	0.733	0.769	0.250	-	0.759	-	0.577	0.500	-	0.559	0.734	0.690	0.900	-	0.750		0.908
Lights and Motorcycles	4	45	47	0	96	44	37	1	0	82	0	26	8	0	34	47	54	36	0	137		349
% Lights and Motorcycles	100%	95.7%	97.9%	0%	97.0%	100%	92.5%	100%	0%	96.5%	0%	86.7%	100%	0%	89.5%	100%	93.1%	100%	0%	97.2%		96.1%
Heavy	0	2	1	0	3	0	3	0	0	3	0	4	0	0	4	0	4	0	0	4		14
% Heavy	0%	4.3%	2.1%	0%	3.0%	0%	7.5%	0%	0%	3.5%	0%	13.3%	0%	0%	10.5%	0%	6.9%	0%	0%	2.8%		3.9%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY ST & 19TH ST - TMC

Wed Jan 16, 2019

PM Peak (Jan 16 2019 4:30PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612019, Location: 40.043814, -86.000341, Site Code: i-125



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-16																						
4:30PM	1	25	11	0	37	27	13	1	0	41	0	24	0	0	24	17	21	20	0	58	160	
4:45PM	4	29	14	0	47	25	12	0	0	37	0	32	0	0	32	9	13	24	0	46	162	
5:00PM	1	38	24	0	63	22	19	1	0	42	2	33	9	0	44	10	19	14	0	43	192	
5:15PM	4	28	16	0	48	19	17	0	0	36	2	34	5	0	41	7	23	20	0	50	175	
Total	10	120	65	0	195	93	61	2	0	156	4	123	14	0	141	43	76	78	0	197	689	
% Approach	5.1%	61.5%	33.3%	0%	-	59.6%	39.1%	1.3%	0%	-	2.8%	87.2%	9.9%	0%	-	21.8%	38.6%	39.6%	0%	-	-	-
% Total	1.5%	17.4%	9.4%	0%	28.3%	13.5%	8.9%	0.3%	0%	22.6%	0.6%	17.9%	2.0%	0%	20.5%	6.2%	11.0%	11.3%	0%	28.6%	-	-
PHF	0.625	0.789	0.677	-	0.774	0.861	0.803	0.500	-	0.929	0.500	0.904	0.389	-	0.801	0.632	0.826	0.813	-	0.849	0.897	
Lights and Motorcycles	10	120	65	0	195	92	61	2	0	155	4	123	14	0	141	42	76	78	0	196	687	
% Lights and Motorcycles	100%	100%	100%	0%	100%	98.9%	100%	100%	0%	99.4%	100%	100%	100%	0%	100%	97.7%	100%	100%	0%	99.5%	99.7%	
Heavy	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	2	
% Heavy	0%	0%	0%	0%	0%	1.1%	0%	0%	0%	0.6%	0%	0%	0%	0%	0%	2.3%	0%	0%	0%	0.5%	0.3%	

*L: Left, R: Right, T: Thru, U: U-Turn

CONNER ST (SR 32) & CUMBERLAND RD - TMC

Tue Apr 23, 2019

Full Length (7 PM-7 PM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646832, Location: 40.045641, -85.995666, Site Code: i-126



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-23																					
7:00PM	18	38	10	0	66	36	28	23	0	87	19	102	8	0	129	3	87	12	0	102	384
7:15PM	13	43	6	0	62	28	24	13	0	65	14	117	14	0	145	4	88	18	0	110	382
7:30PM	11	43	21	0	75	29	26	19	0	74	12	109	10	0	131	1	58	9	0	68	348
7:45PM	18	36	9	0	63	35	23	21	0	79	18	120	8	0	146	5	56	19	0	80	368
Hourly Total	60	160	46	0	266	128	101	76	0	305	63	448	40	0	551	13	289	58	0	360	1482
8:00PM	11	28	12	0	51	36	23	16	0	75	20	105	6	0	131	5	64	17	0	86	343
8:15PM	9	38	8	0	55	25	19	8	0	52	15	97	4	0	116	3	60	14	0	77	300
8:30PM	16	18	7	0	41	35	11	15	0	61	11	80	5	0	96	2	46	9	0	57	255
8:45PM	9	37	8	0	54	37	28	9	0	74	18	95	6	0	119	2	48	11	0	61	308
Hourly Total	45	121	35	0	201	133	81	48	0	262	64	377	21	0	462	12	218	51	0	281	1206
9:00PM	6	19	8	0	33	27	30	17	0	74	10	88	4	0	102	0	56	8	0	64	273
9:15PM	5	25	5	0	35	19	12	7	0	38	10	60	0	0	70	2	50	14	0	66	209
9:30PM	6	24	6	0	36	16	13	10	0	39	9	56	6	0	71	0	30	10	0	40	186
9:45PM	6	10	2	0	18	13	7	8	0	28	8	27	2	0	37	0	31	8	0	39	122
Hourly Total	23	78	21	0	122	75	62	42	0	179	37	231	12	0	280	2	167	40	0	209	790
10:00PM	9	21	3	0	33	11	3	5	0	19	8	38	4	0	50	0	18	6	0	24	126
10:15PM	2	13	0	0	15	2	7	2	0	11	8	27	2	0	37	1	24	2	0	27	90
10:30PM	0	13	2	0	15	5	4	4	0	13	3	24	2	0	29	0	19	4	0	23	80
10:45PM	7	7	3	0	17	1	4	1	0	6	2	21	2	0	25	1	18	2	0	21	69
Hourly Total	18	54	8	0	80	19	18	12	0	49	21	110	10	0	141	2	79	14	0	95	365
11:00PM	0	9	0	0	9	7	5	1	0	13	1	16	0	0	17	1	13	3	0	17	56
11:15PM	1	5	0	0	6	3	2	2	0	7	3	14	1	0	18	0	13	3	0	16	47
11:30PM	3	2	1	0	6	7	2	2	0	11	3	4	0	0	7	0	8	2	0	10	34
11:45PM	0	9	0	0	9	1	3	3	0	7	0	7	0	0	7	0	7	5	0	12	35
Hourly Total	4	25	1	0	30	18	12	8	0	38	7	41	1	0	49	1	41	13	0	55	172
2019-04-24																					
12:00AM	1	5	1	0	7	6	1	2	0	9	5	8	1	0	14	0	4	0	0	4	34
12:15AM	1	4	1	0	6	4	2	2	0	8	1	4	1	0	6	0	6	2	0	8	28
12:30AM	1	8	1	0	10	1	3	1	0	5	0	4	0	0	4	0	3	2	0	5	24
12:45AM	0	6	0	0	6	4	1	0	0	5	2	6	3	0	11	0	2	5	0	7	29
Hourly Total	3	23	3	0	29	15	7	5	0	27	8	22	5	0	35	0	15	9	0	24	115
1:00AM	1	3	0	0	4	0	1	1	0	2	2	5	1	0	8	0	9	0	0	9	23
1:15AM	1	1	0	0	2	1	0	0	0	1	0	4	0	0	4	0	4	1	0	5	12
1:30AM	0	0	0	0	0	2	0	0	0	2	1	5	0	0	6	0	4	2	0	6	14
1:45AM	1	4	0	0	5	0	1	1	0	2	0	2	1	0	3	0	6	0	0	6	16
Hourly Total	3	8	0	0	11	3	2	2	0	7	3	16	2	0	21	0	23	3	0	26	65
2:00AM	1	2	0	0	3	1	2	4	0	7	0	0	0	0	0	0	4	1	0	5	15
2:15AM	0	2	1	0	3	0	1	0	0	1	0	4	0	0	4	0	3	1	0	4	12
2:30AM	2	4	0	0	6	1	0	0	0	1	3	3	0	0	6	0	2	0	0	2	15
2:45AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	1	0	3	4
Hourly Total	3	8	1	0	12	2	3	4	0	9	3	8	0	0	11	0	11	3	0	14	46
3:00AM	0	0	0	0	0	2	1	1	0	4	1	3	0	0	4	0	1	0	0	1	9
3:15AM	1	1	0	0	2	0	0	0	0	0	1	4	0	0	5	0	3	0	0	3	10
3:30AM	0	2	0	0	2	0	0	0	0	0	0	10	1	0	11	0	6	0	0	6	19
3:45AM	1	5	1	0	7	0	0	2	0	2	2	3	0	0	5	0	3	0	0	3	17
Hourly Total	2	8	1	0	11	2	1	3	0	6	4	20	1	0	25	0	13	0	0	13	55
4:00AM	0	3	0	0	3	3	1	0	0	4	0	3	0	0	3	0	8	0	0	8	18
4:15AM	0	1	0	0	1	2	1	0	0	3	0	5	0	0	5	0	6	0	0	6	15
4:30AM	0	3	0	0	3	3	2	1	0	6	1	11	0	0	12	0	14	1	0	15	36
4:45AM	0	0	0	0	0	4	4	0	0	8	1	16	0	0	17	0	22	1	0	23	48
Hourly Total	0	7	0	0	7	12	8	1	0	21	2	35	0	0	37	0	50	2	0	52	117
5:00AM	1	1	0	0	2	9	2	0	0	11	0	14	1	0	15	0	18	2	0	20	48
5:15AM	2	4	0	0	6	6	2	0	0	8	0	26	1	0	27	2	16	1	0	19	60

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
5:30AM	3	3	0	0	6	11	5	2	0	18	2	28	1	0	31	1	30	5	0	36	91
5:45AM	6	6	0	0	12	12	2	5	0	19	3	24	3	0	30	0	50	10	0	60	121
Hourly Total	12	14	0	0	26	38	11	7	0	56	5	92	6	0	103	3	114	18	0	135	320
6:00AM	6	7	1	0	14	13	4	5	0	22	6	32	3	0	41	0	62	3	0	65	142
6:15AM	11	10	3	0	24	14	10	8	0	32	7	55	1	0	63	2	110	5	0	117	236
6:30AM	5	15	0	0	20	25	9	10	0	44	8	56	2	0	66	1	120	5	0	126	256
6:45AM	11	42	1	0	54	22	15	9	0	46	12	58	2	0	72	4	124	31	0	159	331
Hourly Total	33	74	5	0	112	74	38	32	0	144	33	201	8	0	242	7	416	44	0	467	965
7:00AM	4	104	5	0	113	38	23	24	0	85	34	62	2	0	98	2	140	74	0	216	512
7:15AM	6	105	2	0	113	53	54	33	0	140	26	109	6	0	141	2	153	69	0	224	618
7:30AM	14	30	5	0	49	39	26	18	0	83	6	97	5	0	108	2	160	22	0	184	424
7:45AM	14	33	4	0	51	22	14	17	0	53	17	94	11	0	122	2	175	17	0	194	420
Hourly Total	38	272	16	0	326	152	117	92	0	361	83	362	24	0	469	8	628	182	0	818	1974
8:00AM	10	28	1	0	39	28	24	8	0	60	11	100	3	0	114	1	150	19	0	170	383
8:15AM	9	33	3	0	45	35	23	30	0	88	16	94	5	0	115	1	144	25	0	170	418
8:30AM	15	40	3	0	58	25	25	18	0	68	15	110	7	0	132	1	139	19	0	159	417
8:45AM	9	32	6	0	47	33	32	19	0	84	23	100	9	0	132	2	150	40	0	192	455
Hourly Total	43	133	13	0	189	121	104	75	0	300	65	404	24	0	493	5	583	103	0	691	1673
9:00AM	10	20	9	0	39	40	30	29	0	99	20	94	15	0	129	1	143	17	0	161	428
9:15AM	10	30	3	0	43	26	13	26	0	65	20	114	6	0	140	3	119	31	0	153	401
9:30AM	12	26	3	0	41	32	25	23	0	80	12	103	6	0	121	2	111	15	0	128	370
9:45AM	11	31	5	0	47	32	29	10	0	71	14	100	15	0	129	4	86	27	0	117	364
Hourly Total	43	107	20	0	170	130	97	88	0	315	66	411	42	0	519	10	459	90	0	559	1563
10:00AM	9	24	5	0	38	20	26	19	0	65	11	120	5	0	136	3	91	19	0	113	352
10:15AM	12	33	8	0	53	28	23	21	0	72	18	91	7	0	116	1	95	29	0	125	366
10:30AM	13	26	7	0	46	44	46	26	0	116	25	105	9	0	139	6	102	16	0	124	425
10:45AM	18	35	8	0	61	33	30	26	0	89	21	112	14	0	147	4	130	18	0	152	449
Hourly Total	52	118	28	0	198	125	125	92	0	342	75	428	35	0	538	14	418	82	0	514	1592
11:00AM	12	29	12	0	53	40	29	22	0	91	15	135	17	0	167	9	115	18	0	142	453
11:15AM	14	35	7	0	56	41	27	34	0	102	24	107	16	0	147	1	98	14	0	113	418
11:30AM	22	34	12	0	68	32	36	29	0	97	15	108	18	0	141	7	127	16	0	150	456
11:45AM	15	44	14	0	73	35	31	31	0	97	14	119	24	0	157	4	79	22	0	105	432
Hourly Total	63	142	45	0	250	148	123	116	0	387	68	469	75	0	612	21	419	70	0	510	1759
12:00PM	17	46	27	0	90	27	44	22	0	93	17	130	17	0	164	3	99	22	0	124	471
12:15PM	21	43	15	0	79	38	40	19	0	97	21	131	19	0	171	4	101	28	0	133	480
12:30PM	7	46	12	0	65	36	36	27	0	99	24	126	7	0	157	6	108	21	0	135	456
12:45PM	22	39	16	0	77	21	37	26	0	84	20	106	19	0	145	8	102	10	0	120	426
Hourly Total	67	174	70	0	311	122	157	94	0	373	82	493	62	0	637	21	410	81	0	512	1833
1:00PM	14	39	13	0	66	25	31	13	0	69	13	133	14	0	160	8	114	25	0	147	442
1:15PM	15	37	13	0	65	26	28	18	0	72	18	111	12	0	141	8	113	14	0	135	413
1:30PM	19	31	16	0	66	36	31	14	0	81	28	117	25	0	170	1	85	29	0	115	432
1:45PM	25	44	10	0	79	26	30	11	0	67	21	122	12	0	155	3	103	19	0	125	426
Hourly Total	73	151	52	0	276	113	120	56	0	289	80	483	63	0	626	20	415	87	0	522	1713
2:00PM	14	36	14	0	64	50	56	37	0	143	28	124	16	0	168	3	117	24	0	144	519
2:15PM	18	50	20	0	88	74	97	38	0	209	19	117	8	0	144	8	100	31	0	139	580
2:30PM	18	53	12	0	83	52	48	22	0	122	23	129	2	0	154	4	89	18	0	111	470
2:45PM	22	46	21	0	89	36	28	16	0	80	23	120	7	0	150	2	98	16	0	116	435
Hourly Total	72	185	67	0	324	212	229	113	0	554	93	490	33	0	616	17	404	89	0	510	2004
3:00PM	13	32	5	0	50	46	45	20	0	111	25	115	10	0	150	4	114	32	0	150	461
3:15PM	9	37	20	0	66	45	52	18	0	115	21	118	8	0	147	5	115	20	0	140	468
3:30PM	11	48	26	0	85	35	38	8	0	81	21	124	10	0	155	2	118	18	0	138	459
3:45PM	13	55	20	0	88	44	34	27	0	105	17	124	7	0	148	5	128	25	0	158	499
Hourly Total	46	172	71	0	289	170	169	73	0	412	84	481	35	0	600	16	475	95	0	586	1887
4:00PM	18	49	21	0	88	32	39	20	0	91	16	122	10	0	148	3	102	23	0	128	455
4:15PM	17	62	26	0	105	49	42	13	0	104	8	116	3	0	127	4	113	35	0	152	488
4:30PM	17	63	45	0	125	59	61	28	0	148	15	98	6	0	119	3	121	39	0	163	555
4:45PM	18	59	42	0	119	53	48	18	0	119	15	97	2	0	114	0	128	30	0	158	510
Hourly Total	70	233	134	0	437	193	190	79	0	462	54	433	21	0	508	10	464	127	0	601	2008
5:00PM	16	69	35	0	120	56	39	21	0	116	13	91	10	0	114	4	125	26	0	155	505
5:15PM	25	67	37	0	129	39	33	33	0	105	20	105	5	0	130	1	122	31	0	154	518
5:30PM	19	46	9	0	74	29	24	16	0	69	15	128	6	0	149	8	144	37	0	189	481

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
5:45PM	14	76	22	0	112	37	41	29	0	107	25	140	10	0	175	5	144	33	0	182	576
Hourly Total	74	258	103	0	435	161	137	99	0	397	73	464	31	0	568	18	535	127	0	680	2080
6:00PM	11	62	18	0	91	43	44	29	0	116	24	133	9	0	166	4	149	30	0	183	556
6:15PM	11	49	20	0	80	36	28	16	0	80	22	138	10	0	170	7	119	28	0	154	484
6:30PM	8	68	14	0	90	28	40	18	0	86	21	125	6	0	152	6	100	28	0	134	462
6:45PM	13	50	15	0	78	19	29	9	0	57	18	113	11	0	142	2	94	26	0	122	399
Hourly Total	43	229	67	0	339	126	141	72	0	339	85	509	36	0	630	19	462	112	0	593	1901
Total	890	2754	807	0	4451	2292	2053	1289	0	5634	1158	7028	587	0	8773	219	7108	1500	0	8827	27685
% Approach	20.0%	61.9%	18.1%	0%	-	40.7%	36.4%	22.9%	0%	-	13.2%	80.1%	6.7%	0%	-	2.5%	80.5%	17.0%	0%	-	-
% Total	3.2%	9.9%	2.9%	0%	16.1%	8.3%	7.4%	4.7%	0%	20.4%	4.2%	25.4%	2.1%	0%	31.7%	0.8%	25.7%	5.4%	0%	31.9%	-
Lights and Motorcycles	871	2702	796	0	4369	2228	2018	1249	0	5495	1128	6635	577	0	8340	214	6709	1453	0	8376	26580
% Lights and Motorcycles	97.9%	98.1%	98.6%	0%	98.2%	97.2%	98.3%	96.9%	0%	97.5%	97.4%	94.4%	98.3%	0%	95.1%	97.7%	94.4%	96.9%	0%	94.9%	96.0%
Heavy	19	52	11	0	82	64	35	40	0	139	30	393	10	0	433	5	399	47	0	451	1105
% Heavy	2.1%	1.9%	1.4%	0%	1.8%	2.8%	1.7%	3.1%	0%	2.5%	2.6%	5.6%	1.7%	0%	4.9%	2.3%	5.6%	3.1%	0%	5.1%	4.0%

*L: Left, R: Right, T: Thru, U: U-Turn

CONNER ST (SR 32) & CUMBERLAND RD - TMC

Wed Apr 24, 2019

AM Peak (Apr 24 2019 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646832, Location: 40.045641, -85.995666, Site Code: i-126



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-24																						
7:00AM	4	104	5	0	113	38	23	24	0	85	34	62	2	0	98	2	140	74	0	216	512	
7:15AM	6	105	2	0	113	53	54	33	0	140	26	109	6	0	141	2	153	69	0	224	618	
7:30AM	14	30	5	0	49	39	26	18	0	83	6	97	5	0	108	2	160	22	0	184	424	
7:45AM	14	33	4	0	51	22	14	17	0	53	17	94	11	0	122	2	175	17	0	194	420	
Total	38	272	16	0	326	152	117	92	0	361	83	362	24	0	469	8	628	182	0	818	1974	
% Approach	11.7%	83.4%	4.9%	0%	-	42.1%	32.4%	25.5%	0%	-	17.7%	77.2%	5.1%	0%	-	1.0%	76.8%	22.2%	0%	-	-	
% Total	1.9%	13.8%	0.8%	0%	16.5%	7.7%	5.9%	4.7%	0%	18.3%	4.2%	18.3%	1.2%	0%	23.8%	0.4%	31.8%	9.2%	0%	41.4%	-	
PHF	0.679	0.648	0.800	-	0.721	0.717	0.542	0.697	-	0.645	0.610	0.830	0.545	-	0.832	1.000	0.897	0.615	-	0.913	0.799	
Lights and Motorcycles	36	263	15	0	314	144	111	87	0	342	83	330	23	0	436	7	582	178	0	767	1859	
% Lights and Motorcycles	94.7%	96.7%	93.8%	0%	96.3%	94.7%	94.9%	94.6%	0%	94.7%	100%	91.2%	95.8%	0%	93.0%	87.5%	92.7%	97.8%	0%	93.8%	94.2%	
Heavy	2	9	1	0	12	8	6	5	0	19	0	32	1	0	33	1	46	4	0	51	115	
% Heavy	5.3%	3.3%	6.3%	0%	3.7%	5.3%	5.1%	5.4%	0%	5.3%	0%	8.8%	4.2%	0%	7.0%	12.5%	7.3%	2.2%	0%	6.2%	5.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

CONNER ST (SR 32) & CUMBERLAND RD - TMC

Wed Apr 24, 2019

PM Peak (Apr 24 2019 5:15PM - 6:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646832, Location: 40.045641, -85.995666, Site Code: i-126



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-24																						
5:15PM	25	67	37	0	129	39	33	33	0	105	20	105	5	0	130	1	122	31	0	154	518	
5:30PM	19	46	9	0	74	29	24	16	0	69	15	128	6	0	149	8	144	37	0	189	481	
5:45PM	14	76	22	0	112	37	41	29	0	107	25	140	10	0	175	5	144	33	0	182	576	
6:00PM	11	62	18	0	91	43	44	29	0	116	24	133	9	0	166	4	149	30	0	183	556	
Total	69	251	86	0	406	148	142	107	0	397	84	506	30	0	620	18	559	131	0	708	2131	
% Approach	17.0%	61.8%	21.2%	0%	-	37.3%	35.8%	27.0%	0%	-	13.5%	81.6%	4.8%	0%	-	2.5%	79.0%	18.5%	0%	-	-	
% Total	3.2%	11.8%	4.0%	0%	19.1%	6.9%	6.7%	5.0%	0%	18.6%	3.9%	23.7%	1.4%	0%	29.1%	0.8%	26.2%	6.1%	0%	33.2%	-	
PHF	0.690	0.826	0.581	-	0.787	0.860	0.807	0.811	-	0.856	0.840	0.904	0.750	-	0.886	0.563	0.938	0.885	-	0.937	0.925	
Lights and Motorcycles	68	251	86	0	405	148	141	105	0	394	83	498	30	0	611	18	545	131	0	694	2104	
% Lights and Motorcycles	98.6%	100%	100%	0%	99.8%	100%	99.3%	98.1%	0%	99.2%	98.8%	98.4%	100%	0%	98.5%	100%	97.5%	100%	0%	98.0%	98.7%	
Heavy	1	0	0	0	1	0	1	2	0	3	1	8	0	0	9	0	14	0	0	14	27	
% Heavy	1.4%	0%	0%	0%	0.2%	0%	0.7%	1.9%	0%	0.8%	1.2%	1.6%	0%	0%	1.5%	0%	2.5%	0%	0%	2.0%	1.3%	

*L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & CHERRY ST - TMC

Thu Apr 25, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647300, Location: 40.043793, -85.99568, Site Code: i-127



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-04-25 6:30AM	12	4	0	16	7	9	0	16	8	20	0	28	60
6:45AM	12	8	0	20	8	8	0	16	16	31	0	47	83
Hourly Total	24	12	0	36	15	17	0	32	24	51	0	75	143
7:00AM	9	13	0	22	31	8	0	39	18	60	0	78	139
7:15AM	35	14	0	49	23	11	0	34	19	61	0	80	163
7:30AM	26	26	0	52	12	10	0	22	23	28	0	51	125
7:45AM	16	19	0	35	13	7	0	20	47	38	0	85	140
Hourly Total	86	72	0	158	79	36	0	115	107	187	0	294	567
8:00AM	15	11	0	26	12	12	0	24	21	26	0	47	97
8:15AM	14	13	0	27	20	11	0	31	40	30	0	70	128
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	29	24	0	53	32	23	0	55	61	56	0	117	225
3:00PM	34	32	0	66	39	18	0	57	25	31	0	56	179
3:15PM	30	28	0	58	46	22	0	68	34	26	0	60	186
3:30PM	28	37	0	65	48	29	0	77	27	32	0	59	201
3:45PM	26	33	0	59	45	26	0	71	18	36	0	54	184
Hourly Total	118	130	0	248	178	95	0	273	104	125	0	229	750
4:00PM	34	27	0	61	64	29	0	93	26	44	0	70	224
4:15PM	27	22	0	49	71	43	0	114	35	54	0	89	252
4:30PM	28	44	0	72	80	33	0	113	27	47	0	74	259
4:45PM	25	39	0	64	61	22	0	83	33	26	0	59	206
Hourly Total	114	132	0	246	276	127	0	403	121	171	0	292	941
5:00PM	28	31	0	59	61	31	0	92	20	27	0	47	198
5:15PM	27	21	0	48	50	17	0	67	29	35	0	64	179
5:30PM	33	35	0	68	61	19	0	80	29	43	0	72	220
5:45PM	29	29	0	58	62	26	0	88	26	32	0	58	204
Hourly Total	117	116	0	233	234	93	0	327	104	137	0	241	801
6:00PM	27	20	0	47	37	19	0	56	30	33	0	63	166
6:15PM	20	22	0	42	39	16	0	55	25	54	0	79	176
6:30PM	17	26	0	43	38	10	0	48	26	50	0	76	167
6:45PM	24	19	0	43	29	19	0	48	17	38	0	55	146
Hourly Total	88	87	0	175	143	64	0	207	98	175	0	273	655
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	576	573	0	1149	957	455	0	1412	619	902	0	1521	4082
% Approach	50.1%	49.9%	0%	-	67.8%	32.2%	0%	-	40.7%	59.3%	0%	-	-
% Total	14.1%	14.0%	0%	28.1%	23.4%	11.1%	0%	34.6%	15.2%	22.1%	0%	37.3%	-
Lights and Motorcycles	562	569	0	1131	949	446	0	1395	611	876	0	1487	4013
% Lights and Motorcycles	97.6%	99.3%	0%	98.4%	99.2%	98.0%	0%	98.8%	98.7%	97.1%	0%	97.8%	98.3%
Heavy	14	4	0	18	8	9	0	17	8	26	0	34	69
% Heavy	2.4%	0.7%	0%	1.6%	0.8%	2.0%	0%	1.2%	1.3%	2.9%	0%	2.2%	1.7%

*L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & CHERRY ST - TMC

Thu Apr 25, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647300, Location: 40.043793, -85.99568, Site Code: i-127



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				
Time	L	R	U	App	L	T	U	App	T	R	U	App	Int
2019-04-25 7:00AM	9	13	0	22	31	8	0	39	18	60	0	78	139
7:15AM	35	14	0	49	23	11	0	34	19	61	0	80	163
7:30AM	26	26	0	52	12	10	0	22	23	28	0	51	125
7:45AM	16	19	0	35	13	7	0	20	47	38	0	85	140
Total	86	72	0	158	79	36	0	115	107	187	0	294	567
% Approach	54.4%	45.6%	0%	-	68.7%	31.3%	0%	-	36.4%	63.6%	0%	-	-
% Total	15.2%	12.7%	0%	27.9%	13.9%	6.3%	0%	20.3%	18.9%	33.0%	0%	51.9%	-
PHF	0.614	0.692	-	0.760	0.637	0.818	-	0.737	0.569	0.766	-	0.865	0.870
Lights and Motorcycles	81	70	0	151	79	33	0	112	104	176	0	280	543
% Lights and Motorcycles	94.2%	97.2%	0%	95.6%	100%	91.7%	0%	97.4%	97.2%	94.1%	0%	95.2%	95.8%
Heavy	5	2	0	7	0	3	0	3	3	11	0	14	24
% Heavy	5.8%	2.8%	0%	4.4%	0%	8.3%	0%	2.6%	2.8%	5.9%	0%	4.8%	4.2%

* L: Left, R: Right, T: Thru, U: U-Turn

CUMBERLAND RD & CHERRY ST - TMC

Thu Apr 25, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 647300, Location: 40.043793, -85.99568, Site Code: i-127



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				
Time	L	R	U	App	L	T	U	App	T	R	U	App	Int
2019-04-25 4:00PM	34	27	0	61	64	29	0	93	26	44	0	70	224
4:15PM	27	22	0	49	71	43	0	114	35	54	0	89	252
4:30PM	28	44	0	72	80	33	0	113	27	47	0	74	259
4:45PM	25	39	0	64	61	22	0	83	33	26	0	59	206
Total	114	132	0	246	276	127	0	403	121	171	0	292	941
% Approach	46.3%	53.7%	0%	-	68.5%	31.5%	0%	-	41.4%	58.6%	0%	-	-
% Total	12.1%	14.0%	0%	26.1%	29.3%	13.5%	0%	42.8%	12.9%	18.2%	0%	31.0%	-
PHF	0.838	0.750	-	0.854	0.863	0.738	-	0.884	0.864	0.792	-	0.820	0.908
Lights and Motorcycles	111	132	0	243	274	125	0	399	119	167	0	286	928
% Lights and Motorcycles	97.4%	100%	0%	98.8%	99.3%	98.4%	0%	99.0%	98.3%	97.7%	0%	97.9%	98.6%
Heavy	3	0	0	3	2	2	0	4	2	4	0	6	13
% Heavy	2.6%	0%	0%	1.2%	0.7%	1.6%	0%	1.0%	1.7%	2.3%	0%	2.1%	1.4%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & SR 32/38 - TMC

Wed Feb 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619358, Location: 40.045656, -85.994125, Site Code: i-128



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-06																					
6:30AM	9	59	8	0	76	20	232	4	0	256	6	50	32	0	88	34	73	14	0	121	541
6:45AM	22	75	9	0	106	13	231	17	0	261	5	54	26	0	85	40	97	19	0	156	608
Hourly Total	31	134	17	0	182	33	463	21	0	517	11	104	58	0	173	74	170	33	0	277	1149
7:00AM	27	108	20	0	155	17	219	21	0	257	8	41	44	0	93	42	113	31	0	186	691
7:15AM	32	99	18	0	149	19	251	37	0	307	11	84	53	0	148	62	130	22	0	214	818
7:30AM	28	79	13	1	121	31	264	23	0	318	7	62	55	0	124	46	96	26	0	168	731
7:45AM	32	76	23	0	131	30	289	11	0	330	5	67	29	0	101	50	115	26	1	192	754
Hourly Total	119	362	74	1	556	97	1023	92	0	1212	31	254	181	0	466	200	454	105	1	760	2994
8:00AM	23	70	20	0	113	22	203	18	0	243	8	59	34	0	101	44	105	14	0	163	620
8:15AM	27	60	28	0	115	15	195	17	0	227	6	52	51	0	109	46	102	25	0	173	624
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly Total	50	130	48	0	228	37	398	35	0	470	14	111	85	0	210	90	208	39	0	337	1245
3:00PM	40	177	38	0	255	18	122	11	0	151	26	92	74	0	192	42	72	32	0	146	744
3:15PM	39	144	49	1	233	26	137	11	0	174	26	109	60	0	195	29	92	24	0	145	747
3:30PM	43	182	68	0	293	16	142	9	0	167	19	107	70	0	196	44	87	33	0	164	820
3:45PM	34	216	36	0	286	16	132	7	0	155	16	102	66	0	184	38	52	32	0	122	747
Hourly Total	156	719	191	1	1067	76	533	38	0	647	87	410	270	0	767	153	303	121	0	577	3058
4:00PM	50	248	66	2	366	19	131	7	0	157	23	97	76	0	196	33	76	19	0	128	847
4:15PM	58	256	44	0	358	20	164	10	0	194	25	94	64	0	183	50	87	30	0	167	902
4:30PM	47	262	56	1	366	33	148	13	0	194	37	114	48	0	199	46	73	38	0	157	916
4:45PM	51	254	44	0	349	30	159	6	0	195	19	113	63	0	195	30	88	43	0	161	900
Hourly Total	206	1020	210	3	1439	102	602	36	0	740	104	418	251	0	773	159	324	130	0	613	3565
5:00PM	58	226	52	0	336	25	159	13	0	197	32	121	55	0	208	33	76	36	0	145	886
5:15PM	47	264	42	0	353	20	165	9	0	194	28	109	48	0	185	31	96	31	0	158	890
5:30PM	47	254	38	3	342	19	158	10	0	187	23	106	55	0	184	33	92	26	0	151	864
5:45PM	62	244	37	1	344	18	128	11	0	157	18	91	72	0	181	41	93	28	0	162	844
Hourly Total	214	988	169	4	1375	82	610	43	0	735	101	427	230	0	758	138	357	121	0	616	3484
6:00PM	43	207	36	2	288	12	149	16	0	177	19	88	54	0	161	28	71	29	0	128	754
6:15PM	38	215	32	0	285	16	148	9	0	173	22	86	46	0	154	37	74	37	0	148	760
6:30PM	39	215	29	0	283	14	112	8	0	134	18	84	54	0	156	32	56	24	0	112	685
6:45PM	36	149	35	1	221	16	85	8	0	109	18	75	54	0	147	27	67	27	0	121	598
Hourly Total	156	786	132	3	1077	58	494	41	0	593	77	333	208	0	618	124	268	117	0	509	2797
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	932	4139	841	12	5924	485	4123	306	0	4914	425	2057	1283	0	3765	938	2084	666	1	3689	18292
% Approach	15.7%	69.9%	14.2%	0.2%	-	9.9%	83.9%	6.2%	0%	-	11.3%	54.6%	34.1%	0%	-	25.4%	56.5%	18.1%	0%	-	-
% Total	5.1%	22.6%	4.6%	0.1%	32.4%	2.7%	22.5%	1.7%	0%	26.9%	2.3%	11.2%	7.0%	0%	20.6%	5.1%	11.4%	3.6%	0%	20.2%	-
Lights and Motorcycles	914	4029	815	12	5770	469	4024	298	0	4791	415	1982	1255	0	3652	913	2017	642	1	3573	17786
% Lights and Motorcycles	98.1%	97.3%	96.9%	100%	97.4%	96.7%	97.6%	97.4%	0%	97.5%	97.6%	96.4%	97.8%	0%	97.0%	97.3%	96.8%	96.4%	100%	96.9%	97.2%
Heavy	18	110	26	0	154	16	99	8	0	123	10	75	28	0	113	25	67	24	0	116	506
% Heavy	1.9%	2.7%	3.1%	0%	2.6%	3.3%	2.4%	2.6%	0%	2.5%	2.4%	3.6%	2.2%	0%	3.0%	2.7%	3.2%	3.6%	0%	3.1%	2.8%

*L: Left, R: Right, T: Thru, U: U-Turn

SR37 & SR 32/38 - TMC

Wed Feb 6, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619358, Location: 40.045656, -85.994125, Site Code: i-128



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-02-06 7:00AM	27	108	20	0	155	17	219	21	0	257	8	41	44	0	93	42	113	31	0	186	691
7:15AM	32	99	18	0	149	19	251	37	0	307	11	84	53	0	148	62	130	22	0	214	818
7:30AM	28	79	13	1	121	31	264	23	0	318	7	62	55	0	124	46	96	26	0	168	731
7:45AM	32	76	23	0	131	30	289	11	0	330	5	67	29	0	101	50	115	26	1	192	754
Total	119	362	74	1	556	97	1023	92	0	1212	31	254	181	0	466	200	454	105	1	760	2994
% Approach	21.4%	65.1%	13.3%	0.2%	-	8.0%	84.4%	7.6%	0%	-	6.7%	54.5%	38.8%	0%	-	26.3%	59.7%	13.8%	0.1%	-	-
% Total	4.0%	12.1%	2.5%	0%	18.6%	3.2%	34.2%	3.1%	0%	40.5%	1.0%	8.5%	6.0%	0%	15.6%	6.7%	15.2%	3.5%	0%	25.4%	-
PHF	0.930	0.838	0.804	0.250	0.897	0.782	0.885	0.622	-	0.918	0.705	0.756	0.823	-	0.787	0.806	0.873	0.847	0.250	0.888	0.915
Lights and Motorcycles	110	346	65	1	522	90	1009	88	0	1187	30	239	172	0	441	193	438	102	1	734	2884
% Lights and Motorcycles	92.4%	95.6%	87.8%	100%	93.9%	92.8%	98.6%	95.7%	0%	97.9%	96.8%	94.1%	95.0%	0%	94.6%	96.5%	96.5%	97.1%	100%	96.6%	96.3%
Heavy	9	16	9	0	34	7	14	4	0	25	1	15	9	0	25	7	16	3	0	26	110
% Heavy	7.6%	4.4%	12.2%	0%	6.1%	7.2%	1.4%	4.3%	0%	2.1%	3.2%	5.9%	5.0%	0%	5.4%	3.5%	3.5%	2.9%	0%	3.4%	3.7%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & SR 32/38 - TMC

Wed Feb 6, 2019

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619358, Location: 40.045656, -85.994125, Site Code: i-128



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2019-02-06																										
4:15PM	58	256	44	0	358	20	164	10	0	194	25	94	64	0	183	50	87	30	0	167	902					
4:30PM	47	262	56	1	366	33	148	13	0	194	37	114	48	0	199	46	73	38	0	157	916					
4:45PM	51	254	44	0	349	30	159	6	0	195	19	113	63	0	195	30	88	43	0	161	900					
5:00PM	58	226	52	0	336	25	159	13	0	197	32	121	55	0	208	33	76	36	0	145	886					
Total	214	998	196	1	1409	108	630	42	0	780	113	442	230	0	785	159	324	147	0	630	3604					
% Approach	15.2%	70.8%	13.9%	0.1%	-	13.8%	80.8%	5.4%	0%	-	14.4%	56.3%	29.3%	0%	-	25.2%	51.4%	23.3%	0%	-	-					
% Total	5.9%	27.7%	5.4%	0%	39.1%	3.0%	17.5%	1.2%	0%	21.6%	3.1%	12.3%	6.4%	0%	21.8%	4.4%	9.0%	4.1%	0%	17.5%	-					
PHF	0.922	0.952	0.875	0.250	0.962	0.818	0.960	0.808	-	0.990	0.764	0.913	0.898	-	0.944	0.795	0.920	0.855	-	0.943	0.984					
Lights and Motorcycles	214	979	194	1	1388	106	610	42	0	758	111	430	229	0	770	154	317	145	0	616	3532					
% Lights and Motorcycles	100%	98.1%	99.0%	100%	98.5%	98.1%	96.8%	100%	0%	97.2%	98.2%	97.3%	99.6%	0%	98.1%	96.9%	97.8%	98.6%	0%	97.8%	98.0%					
Heavy	0	19	2	0	21	2	20	0	0	22	2	12	1	0	15	5	7	2	0	14	72					
% Heavy	0%	1.9%	1.0%	0%	1.5%	1.9%	3.2%	0%	0%	2.8%	1.8%	2.7%	0.4%	0%	1.9%	3.1%	2.2%	1.4%	0%	2.2%	2.0%					

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & CHERRY ST - TMC

Wed Feb 6, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619359, Location: 40.043635, -85.994956, Site Code: i-129



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-06																						
6:30AM	24	77	0	0	101	0	291	8	0	299	0	0	14	0	14	0	0	0	0	0	0	414
6:45AM	41	123	1	0	165	0	305	7	0	312	0	0	20	0	20	0	0	0	0	0	0	497
Hourly Total	65	200	1	0	266	0	596	15	0	611	0	0	34	0	34	0	0	0	0	0	0	911
7:00AM	101	161	1	0	263	0	298	10	0	308	0	0	28	0	28	0	0	0	0	0	0	599
7:15AM	83	140	3	0	226	1	349	9	0	359	0	0	28	0	28	0	0	0	0	0	0	613
7:30AM	45	123	1	1	170	0	362	12	0	374	0	0	37	0	37	0	0	0	0	0	0	581
7:45AM	59	128	1	0	188	1	362	22	0	385	0	0	20	0	20	0	0	0	0	0	0	593
Hourly Total	288	552	6	1	847	2	1371	53	0	1426	0	0	113	0	113	0	0	0	0	0	0	2386
8:00AM	40	118	1	1	160	1	274	10	0	285	0	0	18	0	18	0	0	0	0	0	0	463
8:15AM	38	109	1	0	148	1	292	5	0	298	0	0	26	0	26	0	0	0	0	0	0	472
8:30AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	78	227	2	1	308	2	567	15	0	584	0	0	44	0	44	0	0	0	0	0	0	936
3:00PM	62	264	1	0	327	0	234	6	0	240	0	0	48	0	48	0	0	1	0	1	1	616
3:15PM	53	232	2	0	287	0	228	5	0	233	0	0	40	0	40	0	0	1	0	1	1	561
3:30PM	41	298	2	3	344	2	249	5	2	258	0	0	58	0	58	0	0	1	0	1	1	661
3:45PM	62	291	1	1	355	0	233	9	0	242	0	0	58	0	58	0	0	0	0	0	0	655
Hourly Total	218	1085	6	4	1313	2	944	25	2	973	0	0	204	0	204	0	0	3	0	3	3	2493
4:00PM	68	341	5	3	417	0	238	9	0	247	0	0	62	0	62	1	0	3	0	4	4	730
4:15PM	65	353	1	0	419	1	258	18	0	277	0	0	53	0	53	0	0	3	0	3	3	752
4:30PM	55	393	1	0	449	0	246	15	0	261	0	0	61	0	61	0	0	1	0	1	1	772
4:45PM	72	355	0	1	428	1	248	7	0	256	0	0	43	0	43	0	0	0	0	0	0	727
Hourly Total	260	1442	7	4	1713	2	990	49	0	1041	0	0	219	0	219	1	0	7	0	8	8	2981
5:00PM	69	350	2	1	422	2	240	10	0	252	0	0	59	0	59	0	0	1	0	1	1	734
5:15PM	71	349	3	1	424	1	242	12	0	255	0	0	45	0	45	0	0	2	0	2	2	726
5:30PM	64	337	0	1	402	1	243	5	0	249	0	0	47	0	47	0	0	3	0	3	3	701
5:45PM	64	303	0	2	369	1	242	7	0	250	0	0	53	0	53	0	0	0	0	0	0	672
Hourly Total	268	1339	5	5	1617	5	967	34	0	1006	0	0	204	0	204	0	0	6	0	6	6	2833
6:00PM	51	301	2	0	354	0	216	10	0	226	0	0	39	0	39	0	0	2	0	2	2	621
6:15PM	66	291	0	0	357	1	230	9	0	240	0	0	30	0	30	0	0	0	0	0	0	627
6:30PM	55	282	0	0	337	0	200	6	0	206	0	0	39	0	39	0	0	0	0	0	0	582
6:45PM	49	221	0	2	272	0	168	3	0	171	0	0	29	0	29	0	0	1	0	1	1	473
Hourly Total	221	1095	2	2	1320	1	814	28	0	843	0	0	137	0	137	0	0	3	0	3	3	2303
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1398	5940	29	17	7384	14	6249	219	2	6484	0	0	955	0	955	1	0	19	0	20	20	14843
% Approach	18.9%	80.4%	0.4%	0.2%	-	0.2%	96.4%	3.4%	0%	-	0%	0%	100%	0%	-	5.0%	0%	95.0%	0%	-	-	-
% Total	9.4%	40.0%	0.2%	0.1%	49.7%	0.1%	42.1%	1.5%	0%	43.7%	0%	0%	6.4%	0%	6.4%	0%	0%	0.1%	0%	0.1%	-	-
Lights and Motorcycles	1368	5777	28	17	7190	14	6090	215	2	6321	0	0	937	0	937	1	0	19	0	20	20	14468
% Lights and Motorcycles	97.9%	97.3%	96.6%	100%	97.4%	100%	97.5%	98.2%	100%	97.5%	0%	0%	98.1%	0%	98.1%	100%	0%	100%	0%	100%	100%	97.5%
Heavy	30	163	1	0	194	0	159	4	0	163	0	0	18	0	18	0	0	0	0	0	0	375
% Heavy	2.1%	2.7%	3.4%	0%	2.6%	0%	2.5%	1.8%	0%	2.5%	0%	0%	1.9%	0%	1.9%	0%	0%	0%	0%	0%	0%	2.5%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & CHERRY ST - TMC

Wed Feb 6, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619359, Location: 40.043635, -85.994956, Site Code: i-129



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-06 7:00AM	101	161	1	0	263	0	298	10	0	308	0	0	28	0	28	0	0	0	0	0	599
7:15AM	83	140	3	0	226	1	349	9	0	359	0	0	28	0	28	0	0	0	0	0	613
7:30AM	45	123	1	1	170	0	362	12	0	374	0	0	37	0	37	0	0	0	0	0	581
7:45AM	59	128	1	0	188	1	362	22	0	385	0	0	20	0	20	0	0	0	0	0	593
Total	288	552	6	1	847	2	1371	53	0	1426	0	0	113	0	113	0	0	0	0	0	2386
% Approach	34.0%	65.2%	0.7%	0.1%	-	0.1%	96.1%	3.7%	0%	-	0%	0%	100%	0%	-	0%	0%	0%	0%	-	-
% Total	12.1%	23.1%	0.3%	0%	35.5%	0.1%	57.5%	2.2%	0%	59.8%	0%	0%	4.7%	0%	4.7%	0%	0%	0%	0%	0%	-
PHF	0.713	0.857	0.500	0.250	0.805	0.500	0.947	0.602	-	0.926	-	-	0.764	-	0.764	-	-	-	-	-	0.973
Lights and Motorcycles	272	520	6	1	799	2	1341	52	0	1395	0	0	107	0	107	0	0	0	0	0	2301
% Lights and Motorcycles	94.4%	94.2%	100%	100%	94.3%	100%	97.8%	98.1%	0%	97.8%	0%	0%	94.7%	0%	94.7%	0%	0%	0%	0%	-	96.4%
Heavy	16	32	0	0	48	0	30	1	0	31	0	0	6	0	6	0	0	0	0	0	85
% Heavy	5.6%	5.8%	0%	0%	5.7%	0%	2.2%	1.9%	0%	2.2%	0%	0%	5.3%	0%	5.3%	0%	0%	0%	0%	-	3.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & CHERRY ST - TMC

Wed Feb 6, 2019

PM Peak (4:15 PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619359, Location: 40.043635, -85.994956, Site Code: i-129



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-06 4:15PM	65	353	1	0	419	1	258	18	0	277	0	0	53	0	53	0	0	3	0	3	752
4:30PM	55	393	1	0	449	0	246	15	0	261	0	0	61	0	61	0	0	1	0	1	772
4:45PM	72	355	0	1	428	1	248	7	0	256	0	0	43	0	43	0	0	0	0	0	727
5:00PM	69	350	2	1	422	2	240	10	0	252	0	0	59	0	59	0	0	1	0	1	734
Total	261	1451	4	2	1718	4	992	50	0	1046	0	0	216	0	216	0	0	5	0	5	2985
% Approach	15.2%	84.5%	0.2%	0.1%	-	0.4%	94.8%	4.8%	0%	-	0%	0%	100%	0%	-	0%	0%	100%	0%	-	-
% Total	8.7%	48.6%	0.1%	0.1%	57.6%	0.1%	33.2%	1.7%	0%	35.0%	0%	0%	7.2%	0%	7.2%	0%	0%	0.2%	0%	0.2%	-
PHF	0.906	0.923	0.500	0.500	0.957	0.500	0.961	0.694	-	0.944	-	-	0.885	-	0.885	-	-	0.417	-	0.417	0.967
Lights and Motorcycles	260	1422	4	2	1688	4	964	49	0	1017	0	0	215	0	215	0	0	5	0	5	2925
% Lights and Motorcycles	99.6%	98.0%	100%	100%	98.3%	100%	97.2%	98.0%	0%	97.2%	0%	0%	99.5%	0%	99.5%	0%	0%	100%	0%	100%	98.0%
Heavy	1	29	0	0	30	0	28	1	0	29	0	0	1	0	1	0	0	0	0	0	60
% Heavy	0.4%	2.0%	0%	0%	1.7%	0%	2.8%	2.0%	0%	2.8%	0%	0%	0.5%	0%	0.5%	0%	0%	0%	0%	0%	2.0%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(130) SR 32/38 & Presley Drive
4/17/2019
Miovision

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	12	2	2	16					22	20	11
SOUTHBOUND	6	7	27	40					49	4	28	81
EASTBOUND	10	276	26	312					33	573	15	621
WESTBOUND	8	683	8	699					25	534	34	593

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.50	0.97			0.83
SOUTHBOUND	0.77				0.88	
EASTBOUND	0.83				0.92	
WESTBOUND	0.91				0.87	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	7.4%	5.0%					2.0%	0.0%	0.0%	1.2%
EASTBOUND	30.0%	5.8%	3.8%	6.4%					3.0%	2.6%	6.7%	2.7%
WESTBOUND	0.0%	4.1%	0.0%	4.0%					4.0%	0.0%	0.0%	0.2%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	19	19	116	264	380	399
7:00 AM	TO	8:00 AM	16	40	56	312	699	1011	1067
8:00 AM	TO	9:00 AM	8	26	34	143	279	422	456
3:00 PM	TO	4:00 PM	47	63	110	560	377	937	1047
4:00 PM	TO	5:00 PM	50	73	123	619	513	1132	1255
5:00 PM	TO	6:00 PM	51	85	136	612	563	1175	1311
6:00 PM	TO	7:00 PM	31	68	99	541	402	943	1042
TOTAL VOLUME			203	374	577	2903	3097	6000	6577
PERCENTAGE			3.1%	5.7%	8.8%	44.1%	47.1%	91.2%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(130) SR 32/38 & Presley Drive
4/17/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	12	0	12	2	0	2	2	0	2	16	0	16
8:00 AM - 9:00 AM	4	0	4	3	0	3	1	0	1	8	0	8
PM TIME PERIOD												
3:00 PM - 4:00 PM	29	0	29	8	1	9	9	0	9	46	1	47
4:00 PM - 5:00 PM	21	0	21	18	0	18	10	1	11	49	1	50
5:00 PM - 6:00 PM	24	0	24	19	0	19	8	0	8	51	0	51
6:00 PM - 7:00 PM	19	0	19	11	0	11	1	0	1	31	0	31
PASSENGER	109 100.0%			61 98.4%			31 96.9%			201 99.0%		
TRUCK	0 0.0%			1 1.6%			3 3.1%			2 1.0%		
BOTH	109 53.7%			62 30.5%			32 15.8%			203 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	5	0	5	0	0	0	13	1	14	18	1	19
7:00 AM - 8:00 AM	6	0	6	7	0	7	25	2	27	38	2	40
8:00 AM - 9:00 AM	6	1	7	5	0	5	14	0	14	25	1	26
PM TIME PERIOD												
3:00 PM - 4:00 PM	28	0	28	9	2	11	21	3	24	58	5	63
4:00 PM - 5:00 PM	43	1	44	5	0	5	23	1	24	71	2	73
5:00 PM - 6:00 PM	46	1	47	6	0	6	31	1	32	83	2	85
6:00 PM - 7:00 PM	34	0	34	9	0	9	25	0	25	68	0	68
PASSENGER	168 98.2%			41 95.3%			152 95.0%			361 96.5%		
TRUCK	3 1.8%			2 4.7%			8 5.0%			13 3.5%		
BOTH	171 45.7%			43 11.5%			160 42.8%			374 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	1	3	95	8	103	10	0	10	107	9	116
7:00 AM - 8:00 AM	7	3	10	260	16	276	25	1	26	292	20	312
8:00 AM - 9:00 AM	0	4	4	111	14	125	14	0	14	125	18	143
PM TIME PERIOD												
3:00 PM - 4:00 PM	37	2	39	484	19	503	17	1	18	538	22	560
4:00 PM - 5:00 PM	19	0	19	569	20	589	10	1	11	598	21	619
5:00 PM - 6:00 PM	38	1	39	542	17	559	13	1	14	593	19	612
6:00 PM - 7:00 PM	34	0	34	483	15	498	9	0	9	526	15	541
PASSENGER	137 92.6%			2544 95.9%			98 96.1%			2779 95.7%		
TRUCK	11 7.4%			109 4.1%			4 3.9%			124 4.3%		
BOTH	148 5.1%			2653 91.4%			102 3.5%			2903 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	12	0	12	240	7	247	4	1	5	256	8	264
7:00 AM - 8:00 AM	8	0	8	655	28	683	8	0	8	671	28	699
8:00 AM - 9:00 AM	2	2	4	257	9	266	9	0	9	268	11	279
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	0	5	340	2	342	27	3	30	372	5	377
4:00 PM - 5:00 PM	15	1	16	469	0	469	27	1	28	511	2	513
5:00 PM - 6:00 PM	17	1	18	509	0	509	35	1	36	561	2	563
6:00 PM - 7:00 PM	6	0	6	378	0	378	18	0	18	402	0	402
PASSENGER	65 94.2%			2848 98.4%			128 95.5%			3041 98.2%		
TRUCK	4 5.8%			46 1.6%			6 4.5%			56 1.8%		
BOTH	69 2.2%			2894 93.4%			134 4.3%			3097 100.0%		

SR 32 & UNION CHAPEL RD - TMC

Thu Mar 7, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-6:45 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636996, Location: 40.043464, -85.97605, Site Code: i-131



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-07 6:30AM	11	12	0	23	48	4	2	54	42	102	0	144	221
6:45AM	20	12	0	32	53	9	0	62	58	125	2	185	279
Hourly Total	31	24	0	55	101	13	2	116	100	227	2	329	500
7:00AM	55	25	1	81	42	5	2	49	52	159	0	211	341
7:15AM	61	18	0	79	66	9	2	77	60	132	0	192	348
7:30AM	26	20	0	46	68	20	1	89	42	140	0	182	317
7:45AM	39	21	4	64	66	11	0	77	73	148	1	222	363
Hourly Total	181	84	5	270	242	45	5	292	227	579	1	807	1369
8:00AM	12	31	0	43	64	18	1	83	56	134	0	190	316
8:15AM	22	25	3	50	54	12	0	66	64	125	2	191	307
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	34	56	3	93	118	30	1	149	120	259	2	381	623
3:00PM	24	46	0	70	110	14	0	124	44	68	0	112	306
3:15PM	21	67	2	90	98	25	0	123	34	80	0	114	327
3:30PM	15	81	1	97	121	23	1	145	39	92	3	134	376
3:45PM	19	75	0	94	111	15	1	127	35	100	2	137	358
Hourly Total	79	269	3	351	440	77	2	519	152	340	5	497	1367
4:00PM	15	81	4	100	143	16	3	162	31	86	1	118	380
4:15PM	21	77	0	98	113	22	0	135	50	110	0	160	393
4:30PM	16	90	0	106	128	22	2	152	36	96	0	132	390
4:45PM	22	90	2	114	135	20	1	156	39	97	0	136	406
Hourly Total	74	338	6	418	519	80	6	605	156	389	1	546	1569
5:00PM	44	97	0	141	162	26	1	189	42	92	1	135	465
5:15PM	27	91	5	123	128	12	0	140	57	89	2	148	411
5:30PM	29	88	1	118	136	24	1	161	37	89	1	127	406
5:45PM	27	77	2	106	104	11	0	115	35	101	4	140	361
Hourly Total	127	353	8	488	530	73	2	605	171	371	8	550	1643
6:00PM	13	65	3	81	108	8	7	123	35	86	0	121	325
6:15PM	25	61	0	86	113	10	0	123	39	75	1	115	324
6:30PM	17	56	1	74	66	8	0	74	38	67	5	110	258
6:45PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	55	182	4	241	287	26	7	320	112	228	6	346	907
Total	581	1306	29	1916	2237	344	25	2606	1038	2393	25	3456	7978
% Approach	30.3%	68.2%	1.5%	-	85.8%	13.2%	1.0%	-	30.0%	69.2%	0.7%	-	-
% Total	7.3%	16.4%	0.4%	24.0%	28.0%	4.3%	0.3%	32.7%	13.0%	30.0%	0.3%	43.3%	-
Lights and Motorcycles	566	1289	28	1883	2156	328	23	2507	1030	2314	23	3367	7757
% Lights and Motorcycles	97.4%	98.7%	96.6%	98.3%	96.4%	95.3%	92.0%	96.2%	99.2%	96.7%	92.0%	97.4%	97.2%
Heavy	15	17	1	33	81	16	2	99	8	79	2	89	221
% Heavy	2.6%	1.3%	3.4%	1.7%	3.6%	4.7%	8.0%	3.8%	0.8%	3.3%	8.0%	2.6%	2.8%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & UNION CHAPEL RD - TMC

Thu Mar 7, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636996, Location: 40.043464, -85.97605, Site Code: i-131



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-07 7:00AM	55	25	1	81	42	5	2	49	52	159	0	211	341
7:15AM	61	18	0	79	66	9	2	77	60	132	0	192	348
7:30AM	26	20	0	46	68	20	1	89	42	140	0	182	317
7:45AM	39	21	4	64	66	11	0	77	73	148	1	222	363
Total	181	84	5	270	242	45	5	292	227	579	1	807	1369
% Approach	67.0%	31.1%	1.9%	-	82.9%	15.4%	1.7%	-	28.1%	71.7%	0.1%	-	-
% Total	13.2%	6.1%	0.4%	19.7%	17.7%	3.3%	0.4%	21.3%	16.6%	42.3%	0.1%	58.9%	-
PHF	0.742	0.840	0.313	0.833	0.890	0.563	0.625	0.820	0.777	0.910	0.250	0.909	0.943
Lights and Motorcycles	178	81	5	264	233	44	4	281	226	561	1	788	1333
% Lights and Motorcycles	98.3%	96.4%	100%	97.8%	96.3%	97.8%	80.0%	96.2%	99.6%	96.9%	100%	97.6%	97.4%
Heavy	3	3	0	6	9	1	1	11	1	18	0	19	36
% Heavy	1.7%	3.6%	0%	2.2%	3.7%	2.2%	20.0%	3.8%	0.4%	3.1%	0%	2.4%	2.6%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & UNION CHAPEL RD - TMC

Thu Mar 7, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636996, Location: 40.043464, -85.97605, Site Code: i-131



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-07 4:45PM	22	90	2	114	135	20	1	156	39	97	0	136	406
5:00PM	44	97	0	141	162	26	1	189	42	92	1	135	465
5:15PM	27	91	5	123	128	12	0	140	57	89	2	148	411
5:30PM	29	88	1	118	136	24	1	161	37	89	1	127	406
Total	122	366	8	496	561	82	3	646	175	367	4	546	1688
% Approach	24.6%	73.8%	1.6%	-	86.8%	12.7%	0.5%	-	32.1%	67.2%	0.7%	-	-
% Total	7.2%	21.7%	0.5%	29.4%	33.2%	4.9%	0.2%	38.3%	10.4%	21.7%	0.2%	32.3%	-
PHF	0.693	0.943	0.400	0.879	0.866	0.788	0.750	0.854	0.768	0.946	0.500	0.922	0.908
Lights and Motorcycles	120	364	8	492	544	82	3	629	174	358	3	535	1656
% Lights and Motorcycles	98.4%	99.5%	100%	99.2%	97.0%	100%	100%	97.4%	99.4%	97.5%	75.0%	98.0%	98.1%
Heavy	2	2	0	4	17	0	0	17	1	9	1	11	32
% Heavy	1.6%	0.5%	0%	0.8%	3.0%	0%	0%	2.6%	0.6%	2.5%	25.0%	2.0%	1.9%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PROMISE - TMC

Wed May 15, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656508, Location: 40.04375, -85.971919, Site Code: i-132



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15																					
6:30AM	0	0	1	0	1	27	0	31	0	58	1	61	1	0	63	3	185	17	1	206	328
6:45AM	0	0	0	0	0	33	0	20	0	53	4	70	3	0	77	5	175	16	2	198	328
Hourly Total	0	0	1	0	1	60	0	51	0	111	5	131	4	0	140	8	360	33	3	404	656
7:00AM	1	1	2	0	4	18	3	25	0	46	13	76	2	0	91	3	174	14	0	191	332
7:15AM	0	0	1	0	1	35	4	24	0	63	14	91	0	0	105	2	179	22	1	204	373
7:30AM	2	0	3	0	5	35	1	25	0	61	5	88	3	1	97	4	170	33	0	207	370
7:45AM	2	2	2	0	6	40	3	32	0	75	11	93	2	0	106	7	197	22	0	226	413
Hourly Total	5	3	8	0	16	128	11	106	0	245	43	348	7	1	399	16	720	91	1	828	1488
8:00AM	1	0	2	0	3	41	2	28	0	71	11	87	5	0	103	6	144	16	1	167	344
8:15AM	4	2	3	0	9	30	1	17	0	48	12	94	1	0	107	5	173	20	0	198	362
Hourly Total	5	2	5	0	12	71	3	45	0	119	23	181	6	0	210	11	317	36	1	365	706
3:00PM	1	0	1	0	2	14	1	12	0	27	14	148	1	1	164	4	88	17	0	109	302
3:15PM	0	0	1	0	1	30	2	23	0	55	25	149	3	0	177	1	103	24	0	128	361
3:30PM	0	2	6	0	8	32	0	20	0	52	20	172	1	0	193	1	111	36	0	148	401
3:45PM	3	0	1	0	4	24	0	23	0	47	30	171	2	1	204	4	118	35	0	157	412
Hourly Total	4	2	9	0	15	100	3	78	0	181	89	640	7	2	738	10	420	112	0	542	1476
4:00PM	1	2	6	0	9	29	5	28	0	62	17	190	3	1	211	0	120	32	0	152	434
4:15PM	0	0	3	0	3	34	0	22	0	56	37	181	4	1	223	6	142	33	1	182	464
4:30PM	1	0	3	0	4	33	0	15	0	48	32	190	3	1	226	0	118	41	3	162	440
4:45PM	3	2	3	0	8	37	0	23	0	60	36	190	2	0	228	2	152	43	0	197	493
Hourly Total	5	4	15	0	24	133	5	88	0	226	122	751	12	3	888	8	532	149	4	693	1831
5:00PM	5	0	3	0	8	32	0	28	0	60	35	226	0	0	261	1	118	45	1	165	494
5:15PM	0	0	3	0	3	33	0	22	0	55	35	236	0	0	271	3	140	49	2	194	523
5:30PM	3	1	2	0	6	43	2	23	0	68	32	181	2	0	215	2	119	40	0	161	450
5:45PM	5	1	1	0	7	49	0	19	0	68	28	156	2	0	186	1	132	37	0	170	431
Hourly Total	13	2	9	0	24	157	2	92	0	251	130	799	4	0	933	7	509	171	3	690	1898
6:00PM	0	1	0	0	1	29	1	23	0	53	23	160	0	0	183	1	100	25	0	126	363
6:15PM	1	0	1	0	2	23	0	27	0	50	23	204	0	2	229	0	107	33	0	140	421
6:30PM	0	0	1	0	1	19	0	17	0	36	22	146	1	0	169	0	93	19	1	113	319
6:45PM	0	0	0	0	0	21	0	13	0	34	22	107	0	1	130	0	72	15	0	87	251
Hourly Total	1	1	2	0	4	92	1	80	0	173	90	617	1	3	711	1	372	92	1	466	1354
Total	33	14	49	0	96	741	25	540	0	1306	502	3467	41	9	4019	61	3230	684	13	3988	9409
% Approach	34.4%	14.6%	51.0%	0%	-	56.7%	1.9%	41.3%	0%	-	12.5%	86.3%	1.0%	0.2%	-	1.5%	81.0%	17.2%	0.3%	-	-
% Total	0.4%	0.1%	0.5%	0%	1.0%	7.9%	0.3%	5.7%	0%	13.9%	5.3%	36.8%	0.4%	0.1%	42.7%	0.6%	34.3%	7.3%	0.1%	42.4%	-
Lights and Motorcycles	33	13	47	0	93	725	25	523	0	1273	490	3336	38	8	3872	58	3112	660	11	3841	9079
% Lights and Motorcycles	100%	92.9%	95.9%	0%	96.9%	97.8%	100%	96.9%	0%	97.5%	97.6%	96.2%	92.7%	88.9%	96.3%	95.1%	96.3%	96.5%	84.6%	96.3%	96.5%
Heavy	0	1	2	0	3	16	0	17	0	33	12	131	3	1	147	3	118	24	2	147	330
% Heavy	0%	7.1%	4.1%	0%	3.1%	2.2%	0%	3.1%	0%	2.5%	2.4%	3.8%	7.3%	11.1%	3.7%	4.9%	3.7%	3.5%	15.4%	3.7%	3.5%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PROMISE - TMC

Wed May 15, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656508, Location: 40.04375, -85.971919, Site Code: i-132



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15 7:15AM	0	0	1	0	1	35	4	24	0	63	14	91	0	0	105	2	179	22	1	204	373
7:30AM	2	0	3	0	5	35	1	25	0	61	5	88	3	1	97	4	170	33	0	207	370
7:45AM	2	2	2	0	6	40	3	32	0	75	11	93	2	0	106	7	197	22	0	226	413
8:00AM	1	0	2	0	3	41	2	28	0	71	11	87	5	0	103	6	144	16	1	167	344
Total	5	2	8	0	15	151	10	109	0	270	41	359	10	1	411	19	690	93	2	804	1500
% Approach	33.3%	13.3%	53.3%	0%	-	55.9%	3.7%	40.4%	0%	-	10.0%	87.3%	2.4%	0.2%	-	2.4%	85.8%	11.6%	0.2%	-	-
% Total	0.3%	0.1%	0.5%	0%	1.0%	10.1%	0.7%	7.3%	0%	18.0%	2.7%	23.9%	0.7%	0.1%	27.4%	1.3%	46.0%	6.2%	0.1%	53.6%	-
PHF	0.625	0.250	0.667	-	0.625	0.921	0.625	0.852	-	0.900	0.732	0.965	0.500	0.250	0.969	0.679	0.876	0.705	0.500	0.889	0.908
Lights and Motorcycles	5	2	8	0	15	145	10	100	0	255	40	342	10	1	393	18	650	86	0	754	1417
% Lights and Motorcycles	100%	100%	100%	0%	100%	96.0%	100%	91.7%	0%	94.4%	97.6%	95.3%	100%	100%	95.6%	94.7%	94.2%	92.5%	0%	93.8%	94.5%
Heavy	0	0	0	0	0	6	0	9	0	15	1	17	0	0	18	1	40	7	2	50	83
% Heavy	0%	0%	0%	0%	0%	4.0%	0%	8.3%	0%	5.6%	2.4%	4.7%	0%	0%	4.4%	5.3%	5.8%	7.5%	100%	6.2%	5.5%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & PROMISE - TMC

Wed May 15, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656508, Location: 40.04375, -85.971919, Site Code: i-132



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-05-15																									
4:45PM	3	2	3	0	8	37	0	23	0	60	36	190	2	0	228	2	152	43	0	197	493				
5:00PM	5	0	3	0	8	32	0	28	0	60	35	226	0	0	261	1	118	45	1	165	494				
5:15PM	0	0	3	0	3	33	0	22	0	55	35	236	0	0	271	3	140	49	2	194	523				
5:30PM	3	1	2	0	6	43	2	23	0	68	32	181	2	0	215	2	119	40	0	161	450				
Total	11	3	11	0	25	145	2	96	0	243	138	833	4	0	975	8	529	177	3	717	1960				
% Approach	44.0%	12.0%	44.0%	0%	-	59.7%	0.8%	39.5%	0%	-	14.2%	85.4%	0.4%	0%	-	1.1%	73.8%	24.7%	0.4%	-	-				
% Total	0.6%	0.2%	0.6%	0%	1.3%	7.4%	0.1%	4.9%	0%	12.4%	7.0%	42.5%	0.2%	0%	49.7%	0.4%	27.0%	9.0%	0.2%	36.6%	-				
PHF	0.550	0.375	0.917	-	0.781	0.843	0.250	0.857	-	0.893	0.958	0.882	0.500	-	0.899	0.667	0.870	0.903	0.375	0.910	0.937				
Lights and Motorcycles	11	3	11	0	25	144	2	93	0	239	136	815	4	0	955	7	520	173	3	703	1922				
% Lights and Motorcycles	100%	100%	100%	0%	100%	99.3%	100%	96.9%	0%	98.4%	98.6%	97.8%	100%	0%	97.9%	87.5%	98.3%	97.7%	100%	98.0%	98.1%				
Heavy	0	0	0	0	0	1	0	3	0	4	2	18	0	0	20	1	9	4	0	14	38				
% Heavy	0%	0%	0%	0%	0%	0.7%	0%	3.1%	0%	1.6%	1.4%	2.2%	0%	0%	2.1%	12.5%	1.7%	2.3%	0%	2.0%	1.9%				

*L: Left, R: Right, T: Thru, U: U-Turn

SR 32 & SR 38 EAST OF 37 - TMC

Thu Mar 7, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636979, Location: 40.044442, -85.967813, Site Code: i-133



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-07 6:30AM	55	0	0	55	31	49	0	80	0	96	0	96	231
6:45AM	92	0	0	92	25	82	0	107	0	98	0	98	297
Hourly Total	147	0	0	147	56	131	0	187	0	194	0	194	528
7:00AM	95	0	0	95	24	61	0	85	0	105	0	105	285
7:15AM	84	0	0	84	38	77	0	115	0	111	0	111	310
7:30AM	105	0	0	105	52	76	0	128	0	91	0	91	324
7:45AM	125	0	0	125	42	68	0	110	0	119	0	119	354
Hourly Total	409	0	0	409	156	282	0	438	0	426	0	426	1273
8:00AM	84	1	0	85	48	64	0	112	2	83	0	85	282
8:15AM	83	4	0	87	38	55	0	93	1	84	0	85	265
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	167	5	0	172	86	119	0	205	3	167	0	170	547
3:00PM	50	0	0	50	71	101	0	172	0	59	0	59	281
3:15PM	82	1	0	83	81	80	0	161	3	48	0	51	295
3:30PM	81	1	0	82	97	108	0	205	1	56	0	57	344
3:45PM	83	0	0	83	84	100	0	184	1	51	0	52	319
Hourly Total	296	2	0	298	333	389	0	722	5	214	0	219	1239
4:00PM	83	0	0	83	139	99	0	238	1	53	0	54	375
4:15PM	101	0	0	101	96	90	0	186	3	69	0	72	359
4:30PM	96	1	0	97	125	95	0	220	0	49	0	49	366
4:45PM	86	0	0	86	113	108	0	221	0	58	0	58	365
Hourly Total	366	1	0	367	473	392	0	865	4	229	0	233	1465
5:00PM	114	1	0	115	144	124	0	268	0	55	0	55	438
5:15PM	113	0	0	113	88	128	0	216	0	55	0	55	384
5:30PM	97	1	0	98	135	114	0	249	2	45	0	47	394
5:45PM	93	0	0	93	82	108	0	190	0	58	0	58	341
Hourly Total	417	2	0	419	449	474	0	923	2	213	0	215	1557
6:00PM	94	0	0	94	92	90	0	182	0	37	0	37	313
6:15PM	89	0	0	89	75	96	0	171	0	46	0	46	306
6:30PM	67	0	0	67	50	67	0	117	0	40	0	40	224
6:45PM	58	0	0	58	64	57	0	121	0	29	0	29	208
Hourly Total	308	0	0	308	281	310	0	591	0	152	0	152	1051
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2110	10	0	2120	1834	2097	0	3931	14	1595	0	1609	7660
% Approach	99.5%	0.5%	0%	-	46.7%	53.3%	0%	-	0.9%	99.1%	0%	-	-
% Total	27.5%	0.1%	0%	27.7%	23.9%	27.4%	0%	51.3%	0.2%	20.8%	0%	21.0%	-
Lights and Motorcycles	2024	10	0	2034	1796	2023	0	3819	13	1561	0	1574	7427
% Lights and Motorcycles	95.9%	100%	0%	95.9%	97.9%	96.5%	0%	97.2%	92.9%	97.9%	0%	97.8%	97.0%
Heavy	86	0	0	86	38	74	0	112	1	34	0	35	233
% Heavy	4.1%	0%	0%	4.1%	2.1%	3.5%	0%	2.8%	7.1%	2.1%	0%	2.2%	3.0%

*L: Left, R: Right, T: Thru, U: U-Turn

SR32 & SR38 EAST OF 37 - TMC

Thu Mar 7, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636979, Location: 40.044442, -85.967813, Site Code: i-133



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-07 7:00AM	95	0	0	95	24	61	0	85	0	105	0	105	285
7:15AM	84	0	0	84	38	77	0	115	0	111	0	111	310
7:30AM	105	0	0	105	52	76	0	128	0	91	0	91	324
7:45AM	125	0	0	125	42	68	0	110	0	119	0	119	354
Total	409	0	0	409	156	282	0	438	0	426	0	426	1273
% Approach	100%	0%	0%	-	35.6%	64.4%	0%	-	0%	100%	0%	-	-
% Total	32.1%	0%	0%	32.1%	12.3%	22.2%	0%	34.4%	0%	33.5%	0%	33.5%	-
PHF	0.818	-	-	0.818	0.750	0.916	-	0.855	-	0.895	-	0.895	0.899
Lights and Motorcycles	393	0	0	393	152	270	0	422	0	415	0	415	1230
% Lights and Motorcycles	96.1%	0%	0%	96.1%	97.4%	95.7%	0%	96.3%	0%	97.4%	0%	97.4%	96.6%
Heavy	16	0	0	16	4	12	0	16	0	11	0	11	43
% Heavy	3.9%	0%	0%	3.9%	2.6%	4.3%	0%	3.7%	0%	2.6%	0%	2.6%	3.4%

* L: Left, R: Right, T: Thru, U: U-Turn

SR32 & SR38 EAST OF 37 - TMC

Thu Mar 7, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636979, Location: 40.044442, -85.967813, Site Code: i-133



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-03-07 4:45PM	86	0	0	86	113	108	0	221	0	58	0	58	365
5:00PM	114	1	0	115	144	124	0	268	0	55	0	55	438
5:15PM	113	0	0	113	88	128	0	216	0	55	0	55	384
5:30PM	97	1	0	98	135	114	0	249	2	45	0	47	394
Total	410	2	0	412	480	474	0	954	2	213	0	215	1581
% Approach	99.5%	0.5%	0%	-	50.3%	49.7%	0%	-	0.9%	99.1%	0%	-	-
% Total	25.9%	0.1%	0%	26.1%	30.4%	30.0%	0%	60.3%	0.1%	13.5%	0%	13.6%	-
PHF	0.899	0.500	-	0.896	0.833	0.926	-	0.890	0.250	0.918	-	0.927	0.902
Lights and Motorcycles	401	2	0	403	472	463	0	935	2	210	0	212	1550
% Lights and Motorcycles	97.8%	100%	0%	97.8%	98.3%	97.7%	0%	98.0%	100%	98.6%	0%	98.6%	98.0%
Heavy	9	0	0	9	8	11	0	19	0	3	0	3	31
% Heavy	2.2%	0%	0%	2.2%	1.7%	2.3%	0%	2.0%	0%	1.4%	0%	1.4%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(134) 176th Street & Prairie Baptist Road
9/21/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES				OFF PEAK HOUR VOLUMES				PM PEAK HOUR VOLUMES			
	BEGINS		6:30 AM		BEGINS				BEGINS		4:30 PM	
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		41	3	44						90	3	93
SOUTHBOUND	2	78		80					1	34		35
WESTBOUND	7		3	10					2		4	6

PEAK HOUR FACTOR									
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR			
	APPROACH		INTERSECTION	APPROACH		INTERSECTION	APPROACH		INTERSECTION
	L	T		L	T	R	L	T	R
NORTHBOUND	0.58						0.70		
SOUTHBOUND	0.69		0.63				0.58		0.82
WESTBOUND	0.50						0.50		

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND		17.1%	66.7%	20.5%						0.0%	0.0%
SOUTHBOUND	0.0%	9.0%		8.8%					0.0%	2.9%		2.9%
WESTBOUND	28.6%		33.3%	30.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	31	55	86		9	9	95
7:00 AM	TO	8:00 AM	31	64	95		2	2	97
8:00 AM	TO	9:00 AM	14	20	34		4	4	38
3:00 PM	TO	4:00 PM	60	22	82		5	5	87
4:00 PM	TO	5:00 PM	76	29	105		6	6	111
5:00 PM	TO	6:00 PM	71	31	102		2	2	104
6:00 PM	TO	7:00 PM	43	20	63		4	4	67
TOTAL VOLUME			326	241	567		32	32	599
PERCENTAGE			54.4%	40.2%	94.7%		5.3%	5.3%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(134) 176th Street & Prairie Baptist Road
9/21/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				22	7	29	0	2	2	22	9	31
7:00 AM - 8:00 AM				29	0	29	2	0	2	31	0	31
8:00 AM - 9:00 AM				12	2	14	0	0	0	12	2	14
PM TIME PERIOD												
3:00 PM - 4:00 PM				55	3	58	2	0	2	57	3	60
4:00 PM - 5:00 PM				71	2	73	3	0	3	74	2	76
5:00 PM - 6:00 PM				69	0	69	2	0	2	71	0	71
6:00 PM - 7:00 PM				41	0	41	2	0	2	43	0	43
PASSENGER				299 95.5%			11 84.6%			310 95.1%		
TRUCK				14 4.5%			2 15.4%			16 4.9%		
BOTH				313 96.0%			13 4.0%			326 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	46	7	53				48	7	55
7:00 AM - 8:00 AM	0	1	1	62	1	63				62	2	64
8:00 AM - 9:00 AM	1	0	1	19	0	19				20	0	20
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	1	1	19	2	21				19	3	22
4:00 PM - 5:00 PM	1	0	1	24	4	28				25	4	29
5:00 PM - 6:00 PM	1	0	1	30	0	30				31	0	31
6:00 PM - 7:00 PM	0	0	0	19	1	20				19	1	20
PASSENGER	5 71.4%			219 93.6%						224 92.9%		
TRUCK	2 28.6%			15 6.4%						17 7.1%		
BOTH	7 2.9%			234 97.1%						241 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	4	2	6				2	1	3	6	3	9
7:00 AM - 8:00 AM	1	0	1				1	0	1	2	0	2
8:00 AM - 9:00 AM	2	0	2				2	0	2	4	0	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3				2	0	2	5	0	5
4:00 PM - 5:00 PM	3	0	3				3	0	3	6	0	6
5:00 PM - 6:00 PM	1	0	1				1	0	1	2	0	2
6:00 PM - 7:00 PM	2	0	2				2	0	2	4	0	4
PASSENGER	16 88.9%						13 92.9%			29 90.6%		
TRUCK	2 11.1%						1 7.1%			3 9.4%		
BOTH	18 56.3%						14 43.8%			32 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(135) 176th Street & Cyntheanne Road
9/21/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	2	16	0	18					1	28	2	31
SOUTHBOUND	1	16	0	17					1	15	1	17
EASTBOUND	1	1	2	4					8	4	1	13
WESTBOUND	1	3	2	6					0	3	0	3

PEAK HOUR FACTOR							
	AM PEAK HOUR FACTOR			OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION		APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.64					0.65	
SOUTHBOUND	0.71	0.94				0.71	0.84
EASTBOUND	1.00					0.81	
WESTBOUND	0.75					0.38	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	3.6%	0.0%	3.2%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	25.0%	0.0%	7.7%
WESTBOUND	0.0%	33.3%	50.0%	33.3%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	6	3	9	2	2	4	13
7:00 AM	TO	8:00 AM	12	16	28	4	4	8	36
8:00 AM	TO	9:00 AM	13	6	19	2	3	5	24
3:00 PM	TO	4:00 PM	31	17	48	13	3	16	64
4:00 PM	TO	5:00 PM	25	15	40	7	6	13	53
5:00 PM	TO	6:00 PM	21	16	37	2	2	4	41
6:00 PM	TO	7:00 PM	13	17	30	3	1	4	34
TOTAL VOLUME			121	90	211	33	21	54	265
PERCENTAGE			45.7%	34.0%	79.6%	12.5%	7.9%	20.4%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(135) 176th Street & Cyntheanne Road
9/21/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	6	0	6	0	0	0	6	0	6
7:00 AM - 8:00 AM	1	0	1	10	0	10	1	0	1	12	0	12
8:00 AM - 9:00 AM	1	0	1	12	0	12	0	0	0	13	0	13
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	27	1	28	2	0	2	30	1	31
4:00 PM - 5:00 PM	0	0	0	18	1	19	6	0	6	24	1	25
5:00 PM - 6:00 PM	1	0	1	19	0	19	1	0	1	21	0	21
6:00 PM - 7:00 PM	2	0	2	10	0	10	1	0	1	13	0	13
PASSENGER	6 100.0%			102 98.1%			11 100.0%			119 98.3%		
TRUCK	0 0.0%			2 1.9%			0 0.0%			2 1.7%		
BOTH	6 5.0%			104 86.0%			11 9.1%			121 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	0	3	0	0	0	3	0	3
7:00 AM - 8:00 AM	1	0	1	15	0	15	0	0	0	16	0	16
8:00 AM - 9:00 AM	0	0	0	6	0	6	0	0	0	6	0	6
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	15	0	15	1	0	1	17	0	17
4:00 PM - 5:00 PM	1	0	1	13	0	13	1	0	1	15	0	15
5:00 PM - 6:00 PM	1	0	1	15	0	15	0	0	0	16	0	16
6:00 PM - 7:00 PM	0	0	0	16	0	16	1	0	1	17	0	17
PASSENGER	4 100.0%			83 100.0%			3 100.0%			90 100.0%		
TRUCK	0 0.0%			0 0.0%			0 0.0%			0 0.0%		
BOTH	4 4.4%			83 92.2%			3 3.3%			90 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	2	0	2	0	0	0	2	0	2
7:00 AM - 8:00 AM	1	0	1	2	0	2	1	0	1	4	0	4
8:00 AM - 9:00 AM	1	0	1	0	0	0	1	0	1	2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	8	0	8	3	1	4	1	0	1	12	1	13
4:00 PM - 5:00 PM	2	0	2	2	0	2	3	0	3	7	0	7
5:00 PM - 6:00 PM	1	0	1	0	0	0	1	0	1	2	0	2
6:00 PM - 7:00 PM	0	0	0	3	0	3	0	0	0	3	0	3
PASSENGER	13 100.0%			12 92.3%			7 100.0%			32 97.0%		
TRUCK	0 0.0%			1 7.7%			0 0.0%			1 3.0%		
BOTH	13 39.4%			13 39.4%			7 21.2%			33 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	1	1	0	1	1	0	2	2
7:00 AM - 8:00 AM	2	0	2	0	0	0	1	1	2	3	1	4
8:00 AM - 9:00 AM	0	0	0	2	1	3	0	0	0	2	1	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	3	0	3	0	0	0	3	0	3
4:00 PM - 5:00 PM	1	0	1	4	0	4	1	0	1	6	0	6
5:00 PM - 6:00 PM	0	0	0	2	0	2	0	0	0	2	0	2
6:00 PM - 7:00 PM	0	0	0	1	0	1	0	0	0	1	0	1
PASSENGER	3 100.0%			12 85.7%			2 50.0%			17 81.0%		
TRUCK	0 0.0%			2 14.3%			2 50.0%			4 19.0%		
BOTH	3 14.3%			14 66.7%			4 19.0%			21 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(136) 176th Street & Atlantic Road
4/18/2019
AF

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1	3	20	24					2	18	28	48
SOUTHBOUND	9	6	0	15					3	2	0	5
EASTBOUND	0	6	0	6					4	7	0	11
WESTBOUND	20	11	1	32					5	16	6	27

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.67	0.88			0.80	0.78
SOUTHBOUND	0.75				0.63	
EASTBOUND	0.38				0.55	
WESTBOUND	0.67				0.61	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	5.0%	4.2%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	16.7%	0.0%	6.7%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	5.0%	0.0%	0.0%	3.1%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	1	11	12	0	12	12	24
7:00 AM	TO	8:00 AM	24	15	39	6	32	38	77
8:00 AM	TO	9:00 AM	12	12	24	1	12	13	37
3:00 PM	TO	4:00 PM	36	9	45	8	22	30	75
4:00 PM	TO	5:00 PM	48	5	53	11	27	38	91
5:00 PM	TO	6:00 PM	37	12	49	10	19	29	78
6:00 PM	TO	7:00 PM	32	13	45	6	24	30	75
TOTAL VOLUME			190	77	267	42	148	190	457
PERCENTAGE			41.6%	16.8%	58.4%	9.2%	32.4%	41.6%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(136) 176th Street & Atlantic Road
4/18/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	1	0	1	1	0	1
7:00 AM - 8:00 AM	1	0	1	3	0	3	19	1	20	23	1	24
8:00 AM - 9:00 AM	0	0	0	3	0	3	9	0	9	12	0	12
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	10	3	13	22	0	22	33	3	36
4:00 PM - 5:00 PM	2	0	2	18	0	18	28	0	28	48	0	48
5:00 PM - 6:00 PM	0	0	0	9	0	9	28	0	28	37	0	37
6:00 PM - 7:00 PM	1	0	1	8	1	9	22	0	22	31	1	32
PASSENGER	5 100.0%			51 92.7%			129 99.2%			185 97.4%		
TRUCK	0 0.0%			4 7.3%			1 0.8%			5 2.6%		
BOTH	5 2.6%			55 28.9%			130 68.4%			190 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	4	2	6	3	1	4	1	0	1	8	3	11
7:00 AM - 8:00 AM	9	0	9	5	1	6	0	0	0	14	1	15
8:00 AM - 9:00 AM	6	0	6	4	2	6	0	0	0	10	2	12
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	5	1	6	1	0	1	8	1	9
4:00 PM - 5:00 PM	3	0	3	2	0	2	0	0	0	5	0	5
5:00 PM - 6:00 PM	1	0	1	10	0	10	1	0	1	12	0	12
6:00 PM - 7:00 PM	4	0	4	8	0	8	1	0	1	13	0	13
PASSENGER	29 93.5%			37 88.1%			4 100.0%			70 90.9%		
TRUCK	2 6.5%			5 11.9%			0 0.0%			7 9.1%		
BOTH	31 40.3%			42 54.5%			4 5.2%			77 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0	6	0	6	0	0	0	6	0	6
8:00 AM - 9:00 AM	0	0	0	1	0	1	0	0	0	1	0	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	2	1	3	3	1	4	6	2	8
4:00 PM - 5:00 PM	4	0	4	7	0	7	0	0	0	11	0	11
5:00 PM - 6:00 PM	1	0	1	8	0	8	1	0	1	10	0	10
6:00 PM - 7:00 PM	2	0	2	4	0	4	0	0	0	6	0	6
PASSENGER	8 100.0%			28 96.6%			4 80.0%			40 95.2%		
TRUCK	0 0.0%			1 3.4%			1 20.0%			2 4.8%		
BOTH	8 19.0%			29 69.0%			5 11.9%			42 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	7	0	7	3	0	3	2	0	2	12	0	12
7:00 AM - 8:00 AM	19	1	20	11	0	11	1	0	1	31	1	32
8:00 AM - 9:00 AM	5	0	5	4	0	4	3	0	3	12	0	12
PM TIME PERIOD												
3:00 PM - 4:00 PM	10	0	10	6	1	7	5	0	5	21	1	22
4:00 PM - 5:00 PM	5	0	5	16	0	16	6	0	6	27	0	27
5:00 PM - 6:00 PM	6	0	6	12	0	12	1	0	1	19	0	19
6:00 PM - 7:00 PM	8	0	8	7	0	7	9	0	9	24	0	24
PASSENGER	60 98.4%			59 98.3%			27 100.0%			146 98.6%		
TRUCK	1 1.6%			1 1.7%			0 0.0%			2 1.4%		
BOTH	61 41.2%			60 40.5%			27 18.2%			148 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(137) Middletown Road & Mystic Road
4/25/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:45 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:15 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1		2	3					7		7	14
EASTBOUND		71	10	81						109	4	113
WESTBOUND	6	90		96					2	83		85

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.38				0.70	
EASTBOUND	0.84	0.80			0.88	0.80
WESTBOUND	0.67				0.69	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%		0.0%	0.0%					14.3%		0.0%	7.1%
EASTBOUND		5.6%	10.0%	6.2%						10.1%	0.0%	9.7%
WESTBOUND	0.0%	13.3%		12.5%					50.0%	7.2%		8.2%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0		0	31	48	79	79
7:00 AM	TO	8:00 AM	4		4	77	86	163	167
8:00 AM	TO	9:00 AM	2		2	33	28	61	63
3:00 PM	TO	4:00 PM	11		11	93	69	162	173
4:00 PM	TO	5:00 PM	12		12	102	75	177	189
5:00 PM	TO	6:00 PM	7		7	87	59	146	153
6:00 PM	TO	7:00 PM	4		4	45	38	83	87
TOTAL VOLUME			40		40	468	403	871	911
PERCENTAGE			4.4%		4.4%	51.4%	44.2%	95.6%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(137) Middletown Road & Mystic Road
4/25/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0				0	0	0	0	0	0
7:00 AM - 8:00 AM	1	1	2				2	0	2	3	1	4
8:00 AM - 9:00 AM	1	0	1				0	1	1	1	1	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	5	1	6				5	0	5	10	1	11
4:00 PM - 5:00 PM	7	1	8				4	0	4	11	1	12
5:00 PM - 6:00 PM	5	0	5				2	0	2	7	0	7
6:00 PM - 7:00 PM	4	0	4				0	0	0	4	0	4
PASSENGER	23 88.5%						13 92.9%			36 90.0%		
TRUCK	3 11.5%						1 7.1%			4 10.0%		
BOTH	26 65.0%						14 35.0%			40 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				23	3	26	4	1	5	27	4	31
7:00 AM - 8:00 AM				65	2	67	10	0	10	75	2	77
8:00 AM - 9:00 AM				29	2	31	2	0	2	31	2	33
PM TIME PERIOD												
3:00 PM - 4:00 PM				79	10	89	4	0	4	83	10	93
4:00 PM - 5:00 PM				96	4	100	2	0	2	98	4	102
5:00 PM - 6:00 PM				73	2	75	12	0	12	85	2	87
6:00 PM - 7:00 PM				40	0	40	5	0	5	45	0	45
PASSENGER				405 94.6%			39 97.5%			444 94.9%		
TRUCK				23 5.4%			1 2.5%			24 5.1%		
BOTH				428 91.5%			40 8.5%			468 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2	41	5	46				43	5	48
7:00 AM - 8:00 AM	5	0	5	72	9	81				77	9	86
8:00 AM - 9:00 AM	1	0	1	24	3	27				25	3	28
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	1	2	61	6	67				62	7	69
4:00 PM - 5:00 PM	1	0	1	73	1	74				74	1	75
5:00 PM - 6:00 PM	1	0	1	58	0	58				59	0	59
6:00 PM - 7:00 PM	0	0	0	38	0	38				38	0	38
PASSENGER	11 91.7%			367 93.9%						378 93.8%		
TRUCK	1 8.3%			24 6.1%						25 6.2%		
BOTH	12 3.0%			391 97.0%						403 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(138) Middleton Avenue & Pennington Road
9/25/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:15 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
SOUTHBOUND	3		7	10					4		3	7
EASTBOUND	4	53		57					10	89		99
WESTBOUND		77	2	79						55	8	63

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
SOUTHBOUND	0.63				0.44	
EASTBOUND	0.75	0.89			0.75	0.98
WESTBOUND	0.79				0.79	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
SOUTHBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%
EASTBOUND	25.0%	1.9%		3.5%					0.0%	3.4%		3.0%
WESTBOUND		1.3%	0.0%	1.3%					16.4%	12.5%		15.9%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM		13	13	23	35	58	71
7:00 AM	TO	8:00 AM		12	12	57	72	129	141
8:00 AM	TO	9:00 AM		6	6	32	26	58	64
3:00 PM	TO	4:00 PM		8	8	84	56	140	148
4:00 PM	TO	5:00 PM		6	6	100	55	155	161
5:00 PM	TO	6:00 PM		14	14	68	44	112	126
6:00 PM	TO	7:00 PM		9	9	63	33	96	105
TOTAL VOLUME				68	68	427	321	748	816
PERCENTAGE				8.3%	8.3%	52.3%	39.3%	91.7%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(138) Middleton Avenue & Pennington Road
9/25/2018

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	4	1	5				5	3	8	9	4	13
7:00 AM - 8:00 AM	3	1	4				8	0	8	11	1	12
8:00 AM - 9:00 AM	0	0	0				2	4	6	2	4	6
PM TIME PERIOD												
3:00 PM - 4:00 PM	6	0	6				2	0	2	8	0	8
4:00 PM - 5:00 PM	2	0	2				4	0	4	6	0	6
5:00 PM - 6:00 PM	3	0	3				11	0	11	14	0	14
6:00 PM - 7:00 PM	5	0	5				4	0	4	9	0	9
PASSENGER	23 92.0%						36 83.7%			59 86.8%		
TRUCK	2 8.0%						7 16.3%			9 13.2%		
BOTH	25 36.8%						43 63.2%			68 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	22	1	23				22	1	23
7:00 AM - 8:00 AM	3	1	4	52	1	53				55	2	57
8:00 AM - 9:00 AM	2	0	2	28	2	30				30	2	32
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	67	16	83				68	16	84
4:00 PM - 5:00 PM	13	0	13	85	2	87				98	2	100
5:00 PM - 6:00 PM	6	0	6	62	0	62				68	0	68
6:00 PM - 7:00 PM	3	0	3	58	2	60				61	2	63
PASSENGER	28 96.6%			374 94.0%						402 94.1%		
TRUCK	1 3.4%			24 6.0%						25 5.9%		
BOTH	29 6.8%			398 93.2%						427 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				31	3	34	1	0	1	32	3	35
7:00 AM - 8:00 AM				70	0	70	2	0	2	72	0	72
8:00 AM - 9:00 AM				25	1	26	0	0	0	25	1	26
PM TIME PERIOD												
3:00 PM - 4:00 PM				39	12	51	3	2	5	42	14	56
4:00 PM - 5:00 PM				46	1	47	6	2	8	52	3	55
5:00 PM - 6:00 PM				40	0	40	4	0	4	44	0	44
6:00 PM - 7:00 PM				30	0	30	3	0	3	33	0	33
PASSENGER				281 94.3%			19 82.6%			300 93.5%		
TRUCK				17 5.7%			4 17.4%			21 6.5%		
BOTH				298 92.8%			23 7.2%			321 100.0%		

SR 38 & DESHANE (176TH) - TMC

Wed Sep 19, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565549, Location: 40.040771, -85.957047



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-09-19 3:00PM	0	0	0	0	0	96	0	96	60	0	0	60	156
3:15PM	0	1	0	1	0	104	0	104	77	0	0	77	182
3:30PM	0	0	0	0	0	114	0	114	83	0	0	83	197
3:45PM	1	1	0	2	0	95	0	95	71	1	0	72	169
Hourly Total	1	2	0	3	0	409	0	409	291	1	0	292	704
4:00PM	0	0	0	0	0	110	0	110	99	1	0	100	210
4:15PM	0	0	0	0	0	96	0	96	119	0	0	119	215
4:30PM	0	1	0	1	1	125	0	126	98	1	0	99	226
4:45PM	1	0	0	1	0	117	1	118	122	1	0	123	242
Hourly Total	1	1	0	2	1	448	1	450	438	3	0	441	893
5:00PM	0	0	0	0	0	124	0	124	114	0	0	114	238
5:15PM	0	0	0	0	0	120	0	120	144	0	0	144	264
5:30PM	0	1	0	1	1	121	0	122	127	0	0	127	250
5:45PM	0	0	0	0	1	102	0	103	102	0	0	102	205
Hourly Total	0	1	0	1	2	467	0	469	487	0	0	487	957
6:00PM	1	0	0	1	0	93	0	93	77	0	0	77	171
6:15PM	1	1	0	2	1	86	0	87	90	0	0	90	179
6:30PM	0	0	0	0	2	82	0	84	77	3	0	80	164
6:45PM	0	0	0	0	1	81	0	82	75	0	0	75	157
Hourly Total	2	1	0	3	4	342	0	346	319	3	0	322	671
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-20 6:30AM	0	0	0	0	0	65	0	65	85	0	0	85	150
6:45AM	0	0	0	0	1	95	0	96	110	0	0	110	206
Hourly Total	0	0	0	0	1	160	0	161	195	0	0	195	356
7:00AM	1	0	0	1	1	73	0	74	102	0	0	102	177
7:15AM	0	1	0	1	0	106	0	106	87	0	0	87	194
7:30AM	0	1	0	1	0	112	0	112	149	0	0	149	262
7:45AM	0	0	0	0	0	84	0	84	120	1	0	121	205
Hourly Total	1	2	0	3	1	375	0	376	458	1	0	459	838
8:00AM	0	0	0	0	0	77	0	77	69	0	0	69	146
8:15AM	0	1	0	1	0	73	0	73	104	0	0	104	178
Hourly Total	0	1	0	1	0	150	0	150	173	0	0	173	324
Total	5	8	0	13	9	2351	1	2361	2361	8	0	2369	4743
% Approach	38.5%	61.5%	0%	-	0.4%	99.6%	0%	-	99.7%	0.3%	0%	-	-
% Total	0.1%	0.2%	0%	0.3%	0.2%	49.6%	0%	49.8%	49.8%	0.2%	0%	49.9%	-
Lights and Motorcycles	5	8	0	13	9	2211	1	2221	2235	7	0	2242	4476
% Lights and Motorcycles	100%	100%	0%	100%	100%	94.0%	100%	94.1%	94.7%	87.5%	0%	94.6%	94.4%
Heavy	0	0	0	0	0	140	0	140	126	1	0	127	267
% Heavy	0%	0%	0%	0%	0%	6.0%	0%	5.9%	5.3%	12.5%	0%	5.4%	5.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & DESHANE (176TH) - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 6:45AM - 7:45AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565549, Location: 40.040771, -85.957047



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				
Time	L	R	U	App	L	T	U	App	T	R	U	App	Int
2018-09-20 6:45AM	0	0	0	0	1	95	0	96	110	0	0	110	206
7:00AM	1	0	0	1	1	73	0	74	102	0	0	102	177
7:15AM	0	1	0	1	0	106	0	106	87	0	0	87	194
7:30AM	0	1	0	1	0	112	0	112	149	0	0	149	262
Total	1	2	0	3	2	386	0	388	448	0	0	448	839
% Approach	33.3%	66.7%	0%	-	0.5%	99.5%	0%	-	100%	0%	0%	-	-
% Total	0.1%	0.2%	0%	0.4%	0.2%	46.0%	0%	46.2%	53.4%	0%	0%	53.4%	-
PHF	0.250	0.500	-	0.750	0.500	0.862	-	0.866	0.752	-	-	0.752	0.801
Lights and Motorcycles	1	2	0	3	2	361	0	363	416	0	0	416	782
% Lights and Motorcycles	100%	100%	0%	100%	100%	93.5%	0%	93.6%	92.9%	0%	0%	92.9%	93.2%
Heavy	0	0	0	0	0	25	0	25	32	0	0	32	57
% Heavy	0%	0%	0%	0%	0%	6.5%	0%	6.4%	7.1%	0%	0%	7.1%	6.8%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & DESHANE (176TH) - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565549, Location: 40.040771, -85.957047



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-09-19 4:45PM	1	0	0	1	0	117	1	118	122	1	0	123	242
5:00PM	0	0	0	0	0	124	0	124	114	0	0	114	238
5:15PM	0	0	0	0	0	120	0	120	144	0	0	144	264
5:30PM	0	1	0	1	1	121	0	122	127	0	0	127	250
Total	1	1	0	2	1	482	1	484	507	1	0	508	994
% Approach	50.0%	50.0%	0%	-	0.2%	99.6%	0.2%	-	99.8%	0.2%	0%	-	-
% Total	0.1%	0.1%	0%	0.2%	0.1%	48.5%	0.1%	48.7%	51.0%	0.1%	0%	51.1%	-
PHF	0.250	0.250	-	0.500	0.250	0.972	0.250	0.976	0.880	0.250	-	0.882	0.941
Lights and Motorcycles	1	1	0	2	1	463	1	465	492	1	0	493	960
% Lights and Motorcycles	100%	100%	0%	100%	100%	96.1%	100%	96.1%	97.0%	100%	0%	97.0%	96.6%
Heavy	0	0	0	0	0	19	0	19	15	0	0	15	34
% Heavy	0%	0%	0%	0%	0%	3.9%	0%	3.9%	3.0%	0%	0%	3.0%	3.4%

* L: Left, R: Right, T: Thru, U: U-Turn

UNION CHAPEL RD & PLEASANT ST - TMC

Wed May 15, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656496, Location: 40.041185, -85.976039, Site Code: i-140



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15																					
6:30AM	13	25	0	0	38	1	40	34	0	75	5	3	4	0	12	1	1	1	0	3	128
6:45AM	16	58	1	1	76	2	30	33	0	65	5	2	8	0	15	2	1	0	0	3	159
Hourly Total	29	83	1	1	114	3	70	67	0	140	10	5	12	0	27	3	2	1	0	6	287
7:00AM	28	103	0	2	133	0	29	37	0	66	12	3	9	0	24	0	0	0	0	0	223
7:15AM	16	94	0	0	110	2	52	39	0	93	15	4	16	0	35	0	1	0	0	1	239
7:30AM	28	54	0	0	82	2	55	32	0	89	13	0	17	0	30	0	3	0	0	3	204
7:45AM	35	65	2	0	102	2	52	40	0	94	22	1	15	0	38	0	1	0	0	1	235
Hourly Total	107	316	2	2	427	6	188	148	0	342	62	8	57	0	127	0	5	0	0	5	901
8:00AM	25	45	1	0	71	2	39	34	0	75	10	0	14	0	24	1	0	0	0	1	171
8:15AM	31	58	0	0	89	1	40	34	0	75	15	3	8	0	26	0	0	2	0	2	192
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	56	103	1	0	160	3	79	68	0	150	25	3	22	0	50	1	0	2	0	3	363
3:00PM	38	49	0	0	87	0	31	17	0	48	46	2	27	0	75	3	2	3	0	8	218
3:15PM	24	53	1	0	78	0	52	26	0	78	44	1	26	0	71	2	3	0	0	5	232
3:30PM	32	55	1	0	88	0	47	18	0	65	54	1	31	0	86	1	0	1	0	2	241
3:45PM	28	62	2	0	92	0	42	16	0	58	46	1	27	0	74	0	1	1	0	2	226
Hourly Total	122	219	4	0	345	0	172	77	0	249	190	5	111	0	306	6	6	5	0	17	917
4:00PM	25	67	0	0	92	2	60	19	0	81	53	0	41	0	94	0	0	1	0	1	268
4:15PM	32	85	0	1	118	0	45	28	1	74	36	0	33	0	69	1	0	0	0	1	262
4:30PM	27	67	2	0	96	0	53	15	0	68	55	1	53	0	109	2	1	1	0	4	277
4:45PM	28	73	0	0	101	2	49	26	0	77	46	3	38	0	87	1	1	1	0	3	268
Hourly Total	112	292	2	1	407	4	207	88	1	300	190	4	165	0	359	4	2	3	0	9	1075
5:00PM	35	74	0	0	109	3	55	18	0	76	68	3	39	0	110	3	5	3	0	11	306
5:15PM	36	93	2	0	131	0	42	28	0	70	43	0	45	0	88	1	4	2	0	7	296
5:30PM	23	90	0	0	113	0	49	19	0	68	48	2	33	0	83	1	0	0	0	1	265
5:45PM	18	87	2	0	107	1	40	19	0	60	37	1	37	0	75	0	3	0	0	3	245
Hourly Total	112	344	4	0	460	4	186	84	0	274	196	6	154	0	356	5	12	5	0	22	1112
6:00PM	26	89	0	0	115	1	40	12	0	53	29	1	32	0	62	0	4	0	0	4	234
6:15PM	27	62	0	2	91	0	43	20	0	63	57	1	32	0	90	0	0	0	0	0	244
6:30PM	15	70	0	0	85	1	32	20	1	54	33	0	33	0	66	1	2	0	0	3	208
6:45PM	21	55	2	0	78	0	39	11	0	50	21	1	31	0	53	0	1	0	0	1	182
Hourly Total	89	276	2	2	369	2	154	63	1	220	140	3	128	0	271	1	7	0	0	8	868
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	627	1633	16	6	2282	22	1056	595	2	1675	813	34	649	0	1496	20	34	16	0	70	5523
% Approach	27.5%	71.6%	0.7%	0.3%	-	1.3%	63.0%	35.5%	0.1%	-	54.3%	2.3%	43.4%	0%	-	28.6%	48.6%	22.9%	0%	-	-
% Total	11.4%	29.6%	0.3%	0.1%	41.3%	0.4%	19.1%	10.8%	0%	30.3%	14.7%	0.6%	11.8%	0%	27.1%	0.4%	0.6%	0.3%	0%	1.3%	-
Lights and Motorcycles	618	1587	15	4	2224	21	1018	585	2	1626	800	33	639	0	1472	20	33	15	0	68	5390
% Lights and Motorcycles	98.6%	97.2%	93.8%	66.7%	97.5%	95.5%	96.4%	98.3%	100%	97.1%	98.4%	97.1%	98.5%	0%	98.4%	100%	97.1%	93.8%	0%	97.1%	97.6%
Heavy	9	46	1	2	58	1	38	10	0	49	13	1	10	0	24	0	1	1	0	2	133
% Heavy	1.4%	2.8%	6.3%	33.3%	2.5%	4.5%	3.6%	1.7%	0%	2.9%	1.6%	2.9%	1.5%	0%	1.6%	0%	2.9%	6.3%	0%	2.9%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

UNION CHAPEL RD & PLEASANT ST - TMC

Wed May 15, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656496, Location: 40.041185, -85.976039, Site Code: i-140



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-15																						
7:00AM	28	103	0	2	133	0	29	37	0	66	12	3	9	0	24	0	0	0	0	0	223	
7:15AM	16	94	0	0	110	2	52	39	0	93	15	4	16	0	35	0	1	0	0	1	239	
7:30AM	28	54	0	0	82	2	55	32	0	89	13	0	17	0	30	0	3	0	0	3	204	
7:45AM	35	65	2	0	102	2	52	40	0	94	22	1	15	0	38	0	1	0	0	1	235	
Total	107	316	2	2	427	6	188	148	0	342	62	8	57	0	127	0	5	0	0	5	901	
% Approach	25.1%	74.0%	0.5%	0.5%	-	1.8%	55.0%	43.3%	0%	-	48.8%	6.3%	44.9%	0%	-	0%	100%	0%	0%	-	-	
% Total	11.9%	35.1%	0.2%	0.2%	47.4%	0.7%	20.9%	16.4%	0%	38.0%	6.9%	0.9%	6.3%	0%	14.1%	0%	0.6%	0%	0%	0.6%	-	
PHF	0.764	0.767	0.250	0.250	0.803	0.750	0.855	0.925	-	0.910	0.705	0.500	0.838	-	0.836	-	0.417	-	-	0.417	0.942	
Lights and Motorcycles	105	306	2	2	415	6	180	148	0	334	61	7	48	0	116	0	5	0	0	5	870	
% Lights and Motorcycles	98.1%	96.8%	100%	100%	97.2%	100%	95.7%	100%	0%	97.7%	98.4%	87.5%	84.2%	0%	91.3%	0%	100%	0%	0%	100%	96.6%	
Heavy	2	10	0	0	12	0	8	0	0	8	1	1	9	0	11	0	0	0	0	0	31	
% Heavy	1.9%	3.2%	0%	0%	2.8%	0%	4.3%	0%	0%	2.3%	1.6%	12.5%	15.8%	0%	8.7%	0%	0%	0%	0%	0%	3.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

UNION CHAPEL RD & PLEASANT ST - TMC

Wed May 15, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656496, Location: 40.041185, -85.976039, Site Code: i-140



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-05-15																						
4:30PM	27	67	2	0	96	0	53	15	0	68	55	1	53	0	109	2	1	1	0	4	277	
4:45PM	28	73	0	0	101	2	49	26	0	77	46	3	38	0	87	1	1	1	0	3	268	
5:00PM	35	74	0	0	109	3	55	18	0	76	68	3	39	0	110	3	5	3	0	11	306	
5:15PM	36	93	2	0	131	0	42	28	0	70	43	0	45	0	88	1	4	2	0	7	296	
Total	126	307	4	0	437	5	199	87	0	291	212	7	175	0	394	7	11	7	0	25	1147	
% Approach	28.8%	70.3%	0.9%	0%	-	1.7%	68.4%	29.9%	0%	-	53.8%	1.8%	44.4%	0%	-	28.0%	44.0%	28.0%	0%	-	-	
% Total	11.0%	26.8%	0.3%	0%	38.1%	0.4%	17.3%	7.6%	0%	25.4%	18.5%	0.6%	15.3%	0%	34.4%	0.6%	1.0%	0.6%	0%	2.2%	-	
PHF	0.875	0.825	0.500	-	0.834	0.417	0.905	0.777	-	0.945	0.779	0.583	0.825	-	0.895	0.583	0.550	0.583	-	0.568	0.937	
Lights and Motorcycles	124	299	4	0	427	5	194	86	0	285	210	7	175	0	392	7	11	7	0	25	1129	
% Lights and Motorcycles	98.4%	97.4%	100%	0%	97.7%	100%	97.5%	98.9%	0%	97.9%	99.1%	100%	100%	0%	99.5%	100%	100%	100%	0%	100%	98.4%	
Heavy	2	8	0	0	10	0	5	1	0	6	2	0	0	0	2	0	0	0	0	0	18	
% Heavy	1.6%	2.6%	0%	0%	2.3%	0%	2.5%	1.1%	0%	2.1%	0.9%	0%	0%	0%	0.5%	0%	0%	0%	0%	0%	1.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & PRESLEY DR - TMC

Wed Apr 17, 2019

Full Length (9 AM-9 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646148, Location: 40.039505, -85.99013, Site Code: i-141



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-04-17 9:00AM	0	8	1	9	3	32	0	35	39	2	0	41	85
9:15AM	5	7	0	12	4	28	0	32	43	1	0	44	88
9:30AM	2	8	0	10	6	23	0	29	39	3	0	42	81
9:45AM	1	10	0	11	5	37	0	42	44	1	1	46	99
Hourly Total	8	33	1	42	18	120	0	138	165	7	1	173	353
10:00AM	1	5	0	6	3	36	0	39	31	1	0	32	77
10:15AM	2	6	0	8	4	40	0	44	40	0	0	40	92
10:30AM	0	7	0	7	7	23	0	30	41	2	0	43	80
10:45AM	2	9	1	12	5	37	0	42	37	4	0	41	95
Hourly Total	5	27	1	33	19	136	0	155	149	7	0	156	344
11:00AM	2	14	0	16	4	35	0	39	46	6	0	52	107
11:15AM	3	10	0	13	9	55	0	64	57	3	0	60	137
11:30AM	3	9	0	12	6	38	1	45	65	3	0	68	125
11:45AM	2	8	0	10	9	59	1	69	52	2	0	54	133
Hourly Total	10	41	0	51	28	187	2	217	220	14	0	234	502
12:00PM	2	16	0	18	9	41	1	51	51	3	0	54	123
12:15PM	3	8	0	11	8	53	0	61	42	1	0	43	115
12:30PM	2	16	0	18	8	32	0	40	29	0	0	29	87
12:45PM	3	9	0	12	12	50	0	62	46	4	0	50	124
Hourly Total	10	49	0	59	37	176	1	214	168	8	0	176	449
1:00PM	3	14	0	17	12	55	1	68	61	1	0	62	147
1:15PM	2	5	0	7	11	62	0	73	47	3	0	50	130
1:30PM	3	7	0	10	11	56	0	67	38	1	0	39	116
1:45PM	1	9	0	10	7	52	0	59	41	3	0	44	113
Hourly Total	9	35	0	44	41	225	1	267	187	8	0	195	506
2:00PM	2	6	0	8	12	63	1	76	46	4	0	50	134
2:15PM	3	11	0	14	6	67	0	73	41	2	0	43	130
2:30PM	4	14	0	18	10	73	0	83	40	1	0	41	142
2:45PM	1	10	0	11	4	57	0	61	47	3	0	50	122
Hourly Total	10	41	0	51	32	260	1	293	174	10	0	184	528
3:00PM	2	12	0	14	14	65	0	79	33	2	0	35	128
3:15PM	2	18	0	20	5	64	1	70	40	6	0	46	136
3:30PM	4	16	0	20	7	69	0	76	78	6	0	84	180
3:45PM	1	11	0	12	12	61	1	74	57	4	0	61	147
Hourly Total	9	57	0	66	38	259	2	299	208	18	0	226	591
4:00PM	3	7	0	10	11	65	0	76	49	4	0	53	139
4:15PM	5	5	0	10	6	88	0	94	49	7	0	56	160
4:30PM	3	4	0	7	5	91	0	96	62	2	0	64	167
4:45PM	1	11	0	12	13	84	0	97	52	2	0	54	163
Hourly Total	12	27	0	39	35	328	0	363	212	15	0	227	629
5:00PM	2	18	0	20	13	100	0	113	49	2	0	51	184
5:15PM	6	14	0	20	7	83	0	90	68	0	0	68	178
5:30PM	3	12	0	15	10	88	1	99	43	4	0	47	161
5:45PM	1	8	0	9	14	75	0	89	46	3	0	49	147
Hourly Total	12	52	0	64	44	346	1	391	206	9	0	215	670
6:00PM	3	11	0	14	10	73	2	85	34	1	0	35	134
6:15PM	1	10	0	11	5	58	0	63	37	0	0	37	111
6:30PM	0	7	0	7	8	49	0	57	39	0	0	39	103
6:45PM	3	5	0	8	7	46	0	53	23	0	0	23	84
Hourly Total	7	33	0	40	30	226	2	258	133	1	0	134	432
7:00PM	3	5	0	8	5	41	0	46	24	2	0	26	80
7:15PM	2	5	0	7	11	53	0	64	24	1	0	25	96
7:30PM	1	1	0	2	4	31	0	35	22	1	0	23	60

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
Time													
7:45PM	0	9	0	9	4	53	0	57	24	1	0	25	91
Hourly Total	6	20	0	26	24	178	0	202	94	5	0	99	327
8:00PM	2	6	1	9	4	40	0	44	18	2	0	20	73
8:15PM	0	4	0	4	3	42	0	45	15	0	0	15	64
8:30PM	2	6	0	8	4	22	0	26	25	1	0	26	60
8:45PM	1	2	0	3	8	30	0	38	7	0	1	8	49
Hourly Total	5	18	1	24	19	134	0	153	65	3	1	69	246
9:00PM	2	4	0	6	2	22	0	24	5	0	0	5	35
9:15PM	0	3	0	3	3	26	0	29	5	1	0	6	38
9:30PM	1	1	0	2	4	21	0	25	7	0	0	7	34
9:45PM	2	2	0	4	1	13	0	14	4	0	0	4	22
Hourly Total	5	10	0	15	10	82	0	92	21	1	0	22	129
10:00PM	0	1	0	1	3	9	0	12	1	0	0	1	14
10:15PM	1	1	0	2	2	7	0	9	3	0	0	3	14
10:30PM	0	0	0	0	0	10	0	10	3	0	0	3	13
10:45PM	0	3	0	3	0	3	0	3	1	0	0	1	7
Hourly Total	1	5	0	6	5	29	0	34	8	0	0	8	48
11:00PM	0	0	0	0	1	9	0	10	0	0	0	0	10
11:15PM	0	0	0	0	1	4	0	5	1	0	0	1	6
11:30PM	0	2	0	2	0	4	0	4	1	0	0	1	7
11:45PM	1	0	0	1	3	4	0	7	1	0	0	1	9
Hourly Total	1	2	0	3	5	21	0	26	3	0	0	3	32
2019-04-18 12:00AM	0	0	0	0	0	3	0	3	4	0	0	4	7
12:15AM	0	0	0	0	2	2	0	4	6	1	0	7	11
12:30AM	0	0	0	0	0	4	0	4	0	0	0	0	4
12:45AM	0	0	0	0	1	4	0	5	0	0	0	0	5
Hourly Total	0	0	0	0	3	13	0	16	10	1	0	11	27
1:00AM	0	0	0	0	0	1	0	1	1	0	0	1	2
1:15AM	0	0	0	0	1	0	0	1	0	0	0	0	1
1:30AM	0	0	0	0	0	0	0	0	1	0	0	1	1
1:45AM	0	0	0	0	0	1	0	1	1	0	0	1	2
Hourly Total	0	0	0	0	1	2	0	3	3	0	0	3	6
2:00AM	0	0	0	0	1	1	0	2	0	0	0	0	2
2:15AM	0	0	0	0	0	0	0	0	1	0	0	1	1
2:30AM	0	0	0	0	0	2	0	2	1	0	0	1	3
2:45AM	0	0	0	0	1	0	0	1	0	0	0	0	1
Hourly Total	0	0	0	0	2	3	0	5	2	0	0	2	7
3:00AM	1	0	0	1	0	0	0	0	1	0	0	1	2
3:15AM	0	0	0	0	0	1	0	1	2	0	0	2	3
3:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:45AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	0	0	1	0	1	0	1	3	0	0	3	5
4:00AM	0	0	0	0	0	0	0	0	1	0	0	1	1
4:15AM	0	0	0	0	1	1	0	2	0	0	0	0	2
4:30AM	0	1	0	1	2	0	0	2	3	0	0	3	6
4:45AM	0	1	0	1	1	5	0	6	2	0	0	2	9
Hourly Total	0	2	0	2	4	6	0	10	6	0	0	6	18
5:00AM	1	1	0	2	0	2	0	2	10	0	0	10	14
5:15AM	1	1	0	2	1	1	0	2	8	0	0	8	12
5:30AM	1	2	0	3	0	8	0	8	11	0	0	11	22
5:45AM	2	1	0	3	4	6	0	10	8	1	0	9	22
Hourly Total	5	5	0	10	5	17	0	22	37	1	0	38	70
6:00AM	1	4	0	5	0	8	0	8	15	0	0	15	28
6:15AM	1	3	0	4	2	11	0	13	17	1	0	18	35
6:30AM	2	3	0	5	0	20	0	20	23	1	0	24	49
6:45AM	6	2	0	8	1	29	0	30	38	3	0	41	79
Hourly Total	10	12	0	22	3	68	0	71	93	5	0	98	191
7:00AM	2	6	0	8	3	19	0	22	39	0	0	39	69
7:15AM	1	6	0	7	3	32	0	35	45	3	0	48	90
7:30AM	6	2	0	8	6	35	0	41	44	2	0	46	95

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
7:45AM	8	2	0	10	7	37	0	44	49	3	0	52	106
Hourly Total	17	16	0	33	19	123	0	142	177	8	0	185	360
8:00AM	7	5	0	12	1	22	0	23	34	1	0	35	70
8:15AM	3	7	0	10	3	31	0	34	43	3	0	46	90
8:30AM	2	5	0	7	6	35	0	41	37	2	0	39	87
8:45AM	2	6	0	8	3	32	0	35	38	4	0	42	85
Hourly Total	14	23	0	37	13	120	0	133	152	10	0	162	332
Total	157	508	3	668	435	3060	10	3505	2496	131	2	2629	6802
% Approach	23.5%	76.0%	0.4%	-	12.4%	87.3%	0.3%	-	94.9%	5.0%	0.1%	-	-
% Total	2.3%	7.5%	0%	9.8%	6.4%	45.0%	0.1%	51.5%	36.7%	1.9%	0%	38.7%	-
Lights and Motorcycles	151	484	2	637	415	2921	10	3346	2372	120	2	2494	6477
% Lights and Motorcycles	96.2%	95.3%	66.7%	95.4%	95.4%	95.5%	100%	95.5%	95.0%	91.6%	100%	94.9%	95.2%
Heavy	6	24	1	31	20	139	0	159	124	11	0	135	325
% Heavy	3.8%	4.7%	33.3%	4.6%	4.6%	4.5%	0%	4.5%	5.0%	8.4%	0%	5.1%	4.8%

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & PRESLEY DR - TMC

Thu Apr 18, 2019

AM Peak (Apr 18 2019 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646148, Location: 40.039505, -85.99013, Site Code: i-141



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-04-18 7:15AM	1	6	0	7	3	32	0	35	45	3	0	48	90
7:30AM	6	2	0	8	6	35	0	41	44	2	0	46	95
7:45AM	8	2	0	10	7	37	0	44	49	3	0	52	106
8:00AM	7	5	0	12	1	22	0	23	34	1	0	35	70
Total	22	15	0	37	17	126	0	143	172	9	0	181	361
% Approach	59.5%	40.5%	0%	-	11.9%	88.1%	0%	-	95.0%	5.0%	0%	-	-
% Total	6.1%	4.2%	0%	10.2%	4.7%	34.9%	0%	39.6%	47.6%	2.5%	0%	50.1%	-
PHF	0.688	0.625	-	0.771	0.607	0.851	-	0.813	0.878	0.750	-	0.870	0.851
Lights and Motorcycles	22	15	0	37	16	124	0	140	167	9	0	176	353
% Lights and Motorcycles	100%	100%	0%	100%	94.1%	98.4%	0%	97.9%	97.1%	100%	0%	97.2%	97.8%
Heavy	0	0	0	0	1	2	0	3	5	0	0	5	8
% Heavy	0%	0%	0%	0%	5.9%	1.6%	0%	2.1%	2.9%	0%	0%	2.8%	2.2%

* L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & PRESLEY DR - TMC

Wed Apr 17, 2019

PM Peak (Apr 17 2019 4:30PM - 5:30 PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646148, Location: 40.039505, -85.99013, Site Code: i-141



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-04-17 4:30PM	3	4	0	7	5	91	0	96	62	2	0	64	167
4:45PM	1	11	0	12	13	84	0	97	52	2	0	54	163
5:00PM	2	18	0	20	13	100	0	113	49	2	0	51	184
5:15PM	6	14	0	20	7	83	0	90	68	0	0	68	178
Total	12	47	0	59	38	358	0	396	231	6	0	237	692
% Approach	20.3%	79.7%	0%	-	9.6%	90.4%	0%	-	97.5%	2.5%	0%	-	-
% Total	1.7%	6.8%	0%	8.5%	5.5%	51.7%	0%	57.2%	33.4%	0.9%	0%	34.2%	-
PHF	0.500	0.653	-	0.738	0.731	0.895	-	0.876	0.849	0.750	-	0.871	0.940
Lights and Motorcycles	12	47	0	59	38	344	0	382	216	6	0	222	663
% Lights and Motorcycles	100%	100%	0%	100%	100%	96.1%	0%	96.5%	93.5%	100%	0%	93.7%	95.8%
Heavy	0	0	0	0	0	14	0	14	15	0	0	15	29
% Heavy	0%	0%	0%	0%	0%	3.9%	0%	3.5%	6.5%	0%	0%	6.3%	4.2%

* L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & MERCANTILE BLVD - TMC

Wed Apr 17, 2019

Full Length (9 AM-9 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646163, Location: 40.039407, -85.993435, Site Code: i-142



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-17																					
9:00AM	39	1	8	0	48	0	0	2	0	2	4	29	77	1	111	12	33	0	2	47	208
9:15AM	50	0	6	1	57	0	0	4	0	4	1	21	67	0	89	17	32	0	0	49	199
9:30AM	49	0	7	0	56	0	0	3	0	3	6	20	63	1	90	11	26	0	0	37	186
9:45AM	46	0	11	0	57	0	1	5	0	6	4	29	64	0	97	12	36	0	0	48	208
Hourly Total	184	1	32	1	218	0	1	14	0	15	15	99	271	2	387	52	127	0	2	181	801
10:00AM	52	2	7	0	61	1	1	2	0	4	3	28	82	0	113	5	28	3	0	36	214
10:15AM	67	1	16	0	84	0	3	9	0	12	4	20	83	0	107	7	36	1	0	44	247
10:30AM	56	0	6	0	62	0	2	4	0	6	3	19	85	0	107	12	36	2	0	50	225
10:45AM	61	3	12	0	76	0	3	3	0	6	7	25	105	0	137	18	30	2	0	50	269
Hourly Total	236	6	41	0	283	1	9	18	0	28	17	92	355	0	464	42	130	8	0	180	955
11:00AM	83	2	14	1	100	0	1	3	0	4	2	31	96	0	129	12	42	4	0	58	291
11:15AM	86	2	16	0	104	3	3	2	0	8	8	38	99	0	145	19	46	1	0	66	323
11:30AM	109	1	7	1	118	1	2	4	0	7	5	32	92	2	131	20	52	1	0	73	329
11:45AM	107	2	19	0	128	2	2	3	0	7	4	53	117	3	177	11	61	2	0	74	386
Hourly Total	385	7	56	2	450	6	8	12	0	26	19	154	404	5	582	62	201	8	0	271	1329
12:00PM	117	3	11	19	150	2	3	3	0	8	3	37	118	0	158	23	56	0	0	79	395
12:15PM	110	1	17	6	134	1	2	5	0	8	6	41	120	0	167	12	41	0	0	53	362
12:30PM	102	3	7	1	113	0	4	7	0	11	4	27	109	0	140	14	41	1	0	56	320
12:45PM	121	1	13	2	137	1	1	6	0	8	8	42	117	1	168	18	40	1	0	59	372
Hourly Total	450	8	48	28	534	4	10	21	0	35	21	147	464	1	633	67	178	2	0	247	1449
1:00PM	102	4	19	4	129	0	4	9	0	13	4	43	99	0	146	25	56	2	0	83	371
1:15PM	85	2	16	6	109	2	2	6	0	10	5	35	113	3	156	16	50	1	0	67	342
1:30PM	110	1	18	1	130	0	0	2	0	2	5	49	97	1	152	9	54	0	0	63	347
1:45PM	103	1	18	2	124	1	2	8	0	11	3	37	106	0	146	15	36	0	0	51	332
Hourly Total	400	8	71	13	492	3	8	25	0	36	17	164	415	4	600	65	196	3	0	264	1392
2:00PM	134	2	12	14	162	2	2	2	0	6	2	49	87	3	141	11	41	2	0	54	363
2:15PM	114	6	16	6	142	0	0	2	0	2	4	51	110	0	165	10	43	0	0	53	362
2:30PM	102	4	20	6	132	0	2	9	0	11	8	62	80	1	151	11	53	2	0	66	360
2:45PM	102	3	10	4	119	0	0	6	0	6	6	44	80	0	130	14	47	0	0	61	316
Hourly Total	452	15	58	30	555	2	4	19	0	25	20	206	357	4	587	46	184	4	0	234	1401
3:00PM	95	1	22	0	118	2	0	12	0	14	1	42	77	0	120	11	41	0	0	52	304
3:15PM	88	2	18	1	109	1	2	4	0	7	5	37	93	0	135	9	55	3	0	67	318
3:30PM	95	1	18	0	114	0	3	6	0	9	6	53	86	0	145	18	65	0	0	83	351
3:45PM	96	2	21	1	120	0	3	5	0	8	4	45	82	0	131	19	55	0	0	74	333
Hourly Total	374	6	79	2	461	3	8	27	0	38	16	177	338	0	531	57	216	3	0	276	1306
4:00PM	123	0	18	1	142	2	3	5	0	10	3	47	81	1	132	8	43	3	0	54	338
4:15PM	104	2	23	2	131	0	1	6	0	7	6	60	84	1	151	13	49	2	0	64	353
4:30PM	112	1	21	0	134	1	3	6	0	10	3	65	75	2	145	12	51	0	0	63	352
4:45PM	77	0	19	0	96	2	4	3	0	9	5	71	83	1	160	15	61	0	0	76	341
Hourly Total	416	3	81	3	503	5	11	20	0	36	17	243	323	5	588	48	204	5	0	257	1384
5:00PM	120	3	24	1	148	3	1	7	0	11	5	61	89	1	156	26	55	0	0	81	396
5:15PM	106	2	23	0	131	0	5	2	0	7	1	60	83	0	144	23	66	0	0	89	371
5:30PM	75	0	25	0	100	1	0	5	0	6	2	60	84	0	146	17	44	0	0	61	313
5:45PM	99	1	30	2	132	0	2	0	0	2	0	47	89	0	136	11	44	3	1	59	329
Hourly Total	400	6	102	3	511	4	8	14	0	26	8	228	345	1	582	77	209	3	1	290	1409
6:00PM	94	2	27	1	124	0	2	6	0	8	1	52	93	0	146	17	32	1	0	50	328
6:15PM	80	1	19	0	100	0	0	2	0	2	2	37	104	0	143	10	40	0	0	50	295
6:30PM	103	1	15	0	119	0	1	1	0	2	0	34	84	0	118	7	44	0	0	51	290
6:45PM	101	0	18	1	120	0	0	1	0	1	4	23	91	0	118	10	21	0	0	31	270
Hourly Total	378	4	79	2	463	0	3	10	0	13	7	146	372	0	525	44	137	1	0	182	1183
7:00PM	102	0	15	0	117	0	1	2	0	3	2	34	75	0	111	9	26	0	1	36	267
7:15PM	87	0	27	0	114	0	0	2	0	2	2	29	68	0	99	12	20	0	0	32	247
7:30PM	100	1	16	0	117	0	0	4	0	4	1	22	73	0	96	3	26	0	0	29	246
7:45PM	95	0	16	0	111	1	1	4	0	6	4	26	61	0	91	12	21	0	0	33	241
Hourly Total	384	1	74	0	459	1	2	12	0	15	9	111	277	0	397	36	93	0	1	130	1001
8:00PM	98	1	14	1	114	1	1	2	0	4	1	24	56	1	82	6	26	0	0	32	232
8:15PM	85	0	14	1	100	1	1	1	0	3	2	19	48	1	70	3	17	1	0	21	194

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
8:30PM	65	3	10	0	78	1	0	3	0	4	1	16	57	1	75	8	25	0	0	33	190	
8:45PM	56	0	20	0	76	0	0	3	0	3	2	13	37	0	52	5	11	2	0	18	149	
Hourly Total	304	4	58	2	368	3	2	9	0	14	6	72	198	3	279	22	79	3	0	104	765	
9:00PM	42	0	11	1	54	1	0	3	0	4	1	11	21	1	34	4	6	1	0	11	103	
9:15PM	47	0	9	1	57	0	0	0	0	0	2	13	17	1	33	3	7	0	1	11	101	
9:30PM	41	0	9	0	50	0	0	1	0	1	1	10	23	0	34	1	9	1	0	11	96	
9:45PM	38	0	3	1	42	0	0	1	0	1	0	9	11	0	20	2	5	0	0	7	70	
Hourly Total	168	0	32	3	203	1	0	5	0	6	4	43	72	2	121	10	27	2	1	40	370	
10:00PM	27	0	1	0	28	0	0	0	0	0	0	8	20	1	29	0	5	0	0	5	62	
10:15PM	16	0	2	0	18	0	0	0	0	0	0	3	4	1	8	0	4	0	0	4	30	
10:30PM	16	0	4	0	20	0	0	0	0	0	0	6	4	0	10	2	1	0	0	3	33	
10:45PM	6	0	1	0	7	0	0	0	0	0	0	1	5	0	6	1	1	0	0	2	15	
Hourly Total	65	0	8	0	73	0	0	0	0	0	0	18	33	2	53	3	11	0	0	14	140	
11:00PM	16	0	5	0	21	0	0	0	0	0	0	4	1	0	5	0	1	0	0	1	27	
11:15PM	11	0	1	0	12	0	0	0	0	0	0	4	3	1	8	0	1	0	0	1	21	
11:30PM	5	0	0	0	5	0	0	0	0	0	0	5	3	1	9	1	2	0	0	3	17	
11:45PM	4	0	0	0	4	0	0	0	0	0	0	5	2	0	7	0	0	0	0	0	11	
Hourly Total	36	0	6	0	42	0	0	0	0	0	0	18	9	2	29	1	4	0	0	5	76	
2019-04-18																						
12:00AM	2	0	0	0	2	0	0	0	0	0	0	3	2	0	5	0	3	0	0	3	10	
12:15AM	4	0	2	0	6	0	0	0	0	0	0	1	2	0	3	0	6	0	0	6	15	
12:30AM	9	0	0	0	9	0	0	0	0	0	0	2	0	0	2	0	1	0	0	1	12	
12:45AM	2	0	2	0	4	0	0	0	0	0	0	2	1	0	3	0	0	0	0	0	7	
Hourly Total	17	0	4	0	21	0	0	0	0	0	0	8	5	0	13	0	10	0	0	10	44	
1:00AM	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
1:15AM	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	3	
1:30AM	1	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	
1:45AM	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	3	
Hourly Total	3	0	2	0	5	0	0	0	0	0	0	1	2	0	3	2	0	0	0	2	10	
2:00AM	3	1	1	0	5	0	0	0	0	0	1	0	1	0	2	0	1	0	0	1	8	
2:15AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	
2:30AM	4	0	1	0	5	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	7	
2:45AM	1	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Hourly Total	9	1	4	0	14	0	0	1	0	1	1	0	1	0	2	0	3	0	0	3	20	
3:00AM	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	
3:15AM	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	6	
3:30AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	
3:45AM	1	0	0	0	1	0	0	0	0	0	0	0	4	0	4	0	0	0	0	0	5	
Hourly Total	4	0	0	0	4	0	0	0	0	0	0	1	5	0	6	0	4	0	0	4	14	
4:00AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	
4:15AM	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	2	
4:30AM	0	0	1	0	1	0	0	1	0	1	0	1	5	0	6	0	3	1	0	4	12	
4:45AM	1	0	1	0	2	0	0	0	0	0	0	5	9	0	14	1	2	0	0	3	19	
Hourly Total	2	0	2	0	4	0	0	1	0	1	0	6	16	0	22	1	6	1	0	8	35	
5:00AM	5	0	0	0	5	0	0	0	0	0	0	2	5	0	7	1	8	0	0	9	21	
5:15AM	3	0	0	0	3	0	0	1	0	1	0	1	14	0	15	4	4	0	0	8	27	
5:30AM	5	0	2	0	7	0	0	0	0	0	0	5	14	0	19	3	7	0	0	10	36	
5:45AM	3	0	0	0	3	0	0	0	0	0	0	9	11	0	20	6	3	0	0	9	32	
Hourly Total	16	0	2	0	18	0	0	1	0	1	0	17	44	0	61	14	22	0	0	36	116	
6:00AM	8	0	1	0	9	0	0	0	0	0	0	6	13	0	19	3	13	0	0	16	44	
6:15AM	17	0	3	0	20	0	0	0	0	0	0	10	15	0	25	3	18	0	0	21	66	
6:30AM	10	2	2	0	14	0	0	0	0	0	0	16	16	0	32	4	17	0	0	21	67	
6:45AM	12	1	4	0	17	0	0	0	0	0	3	24	17	0	44	2	29	0	0	31	92	
Hourly Total	47	3	10	0	60	0	0	0	0	0	3	56	61	0	120	12	77	0	0	89	269	
7:00AM	28	1	3	0	32	1	0	0	0	1	4	20	22	0	46	9	39	0	0	48	127	
7:15AM	17	0	5	0	22	0	0	0	0	0	2	33	20	0	55	11	32	0	0	43	120	
7:30AM	21	0	8	2	31	0	1	2	0	3	2	37	38	0	77	9	30	0	0	39	150	
7:45AM	26	0	13	0	39	0	0	2	0	2	5	35	39	0	79	9	40	0	0	49	169	
Hourly Total	92	1	29	2	124	1	1	4	0	6	13	125	119	0	257	38	141	0	0	179	566	
8:00AM	21	0	1	0	22	0	1	3	0	4	3	22	37	0	62	6	28	0	0	34	122	
8:15AM	22	0	8	0	30	0	0	2	0	2	3	26	45	0	74	10	38	0	0	48	154	
8:30AM	32	1	8	0	41	0	0	2	0	2	1	40	35	1	77	7	30	0	0	37	157	
8:45AM	20	3	6	0	29	0	0	4	0	4	9	23	45	1	78	11	32	1	0	44	155	
Hourly Total	95	4	23	0	122	0	1	11	0	12	16	111	162	2	291	34	128	1	0	163	588	

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
Total	4917	78	901	91	5987	34	76	224	0	334	209	2243	4648	33	7133	733	2387	44	5	3169	16623
% Approach	82.1%	1.3%	15.0%	1.5%	-	10.2%	22.8%	67.1%	0%	-	2.9%	31.4%	65.2%	0.5%	-	23.1%	75.3%	1.4%	0.2%	-	-
% Total	29.6%	0.5%	5.4%	0.5%	36.0%	0.2%	0.5%	1.3%	0%	2.0%	1.3%	13.5%	28.0%	0.2%	42.9%	4.4%	14.4%	0.3%	0%	19.1%	-
Lights and Motorcycles	4886	74	889	89	5938	32	74	215	0	321	197	2100	4609	33	6939	719	2257	41	5	3022	16220
% Lights and Motorcycles	99.4%	94.9%	98.7%	97.8%	99.2%	94.1%	97.4%	96.0%	0%	96.1%	94.3%	93.6%	99.2%	100%	97.3%	98.1%	94.6%	93.2%	100%	95.4%	97.6%
Heavy	31	4	12	2	49	2	2	9	0	13	12	143	39	0	194	14	130	3	0	147	403
% Heavy	0.6%	5.1%	1.3%	2.2%	0.8%	5.9%	2.6%	4.0%	0%	3.9%	5.7%	6.4%	0.8%	0%	2.7%	1.9%	5.4%	6.8%	0%	4.6%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & MERCANTILE BLVD - TMC

Wed Apr 17, 2019

AM Peak (Apr 17 2019 10AM - 11 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646163, Location: 40.039407, -85.993435, Site Code: i-142



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-17 10:00AM	52	2	7	0	61	1	1	2	0	4	3	28	82	0	113	5	28	3	0	36	214
10:15AM	67	1	16	0	84	0	3	9	0	12	4	20	83	0	107	7	36	1	0	44	247
10:30AM	56	0	6	0	62	0	2	4	0	6	3	19	85	0	107	12	36	2	0	50	225
10:45AM	61	3	12	0	76	0	3	3	0	6	7	25	105	0	137	18	30	2	0	50	269
Total	236	6	41	0	283	1	9	18	0	28	17	92	355	0	464	42	130	8	0	180	955
% Approach	83.4%	2.1%	14.5%	0%	-	3.6%	32.1%	64.3%	0%	-	3.7%	19.8%	76.5%	0%	-	23.3%	72.2%	4.4%	0%	-	-
% Total	24.7%	0.6%	4.3%	0%	29.6%	0.1%	0.9%	1.9%	0%	2.9%	1.8%	9.6%	37.2%	0%	48.6%	4.4%	13.6%	0.8%	0%	18.8%	-
PHF	0.881	0.500	0.641	-	0.842	0.250	0.750	0.500	-	0.583	0.607	0.821	0.845	-	0.847	0.583	0.903	0.667	-	0.900	0.888
Lights and Motorcycles	235	5	40	0	280	1	9	18	0	28	16	74	350	0	440	41	116	8	0	165	913
% Lights and Motorcycles	99.6%	83.3%	97.6%	0%	98.9%	100%	100%	100%	0%	100%	94.1%	80.4%	98.6%	0%	94.8%	97.6%	89.2%	100%	0%	91.7%	95.6%
Heavy	1	1	1	0	3	0	0	0	0	0	1	18	5	0	24	1	14	0	0	15	42
% Heavy	0.4%	16.7%	2.4%	0%	1.1%	0%	0%	0%	0%	0%	5.9%	19.6%	1.4%	0%	5.2%	2.4%	10.8%	0%	0%	8.3%	4.4%

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & MERCANTILE BLVD - TMC

Wed Apr 17, 2019

PM Peak (Apr 17 2019 4:30PM - 5:30 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646163, Location: 40.039407, -85.993435, Site Code: i-142



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-17																						
4:30PM	112	1	21	0	134	1	3	6	0	10	3	65	75	2	145	12	51	0	0	63	352	
4:45PM	77	0	19	0	96	2	4	3	0	9	5	71	83	1	160	15	61	0	0	76	341	
5:00PM	120	3	24	1	148	3	1	7	0	11	5	61	89	1	156	26	55	0	0	81	396	
5:15PM	106	2	23	0	131	0	5	2	0	7	1	60	83	0	144	23	66	0	0	89	371	
Total	415	6	87	1	509	6	13	18	0	37	14	257	330	4	605	76	233	0	0	309	1460	
% Approach	81.5%	1.2%	17.1%	0.2%	-	16.2%	35.1%	48.6%	0%	-	2.3%	42.5%	54.5%	0.7%	-	24.6%	75.4%	0%	0%	-	-	
% Total	28.4%	0.4%	6.0%	0.1%	34.9%	0.4%	0.9%	1.2%	0%	2.5%	1.0%	17.6%	22.6%	0.3%	41.4%	5.2%	16.0%	0%	0%	21.2%	-	
PHF	0.865	0.500	0.906	0.250	0.860	0.500	0.650	0.643	-	0.841	0.700	0.905	0.927	0.500	0.945	0.731	0.883	-	-	0.868	0.922	
Lights and Motorcycles	415	6	87	1	509	6	13	17	0	36	13	246	330	4	593	76	218	0	0	294	1432	
% Lights and Motorcycles	100%	100%	100%	100%	100%	100%	100%	94.4%	0%	97.3%	92.9%	95.7%	100%	100%	98.0%	100%	93.6%	0%	0%	95.1%	98.1%	
Heavy	0	0	0	0	0	0	0	1	0	1	1	11	0	0	12	0	15	0	0	15	28	
% Heavy	0%	0%	0%	0%	0%	0%	0%	5.6%	0%	2.7%	7.1%	4.3%	0%	0%	2.0%	0%	6.4%	0%	0%	4.9%	1.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & PLEASANT ST - TMC

Thu Feb 7, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619377, Location: 40.039297, -85.995226, Site Code: i-143



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-07																					
6:30AM	2	76	11	0	89	10	297	15	0	322	1	6	2	0	9	12	14	8	0	34	454
6:45AM	14	129	18	0	161	14	305	18	0	337	7	16	8	0	31	10	18	11	0	39	568
Hourly Total	16	205	29	0	250	24	602	33	0	659	8	22	10	0	40	22	32	19	0	73	1022
7:00AM	6	206	14	0	226	27	273	17	0	317	7	21	8	0	36	16	21	24	0	61	640
7:15AM	10	177	17	0	204	21	300	17	0	338	16	13	12	0	41	12	21	20	0	53	636
7:30AM	15	145	9	0	169	36	361	22	0	419	13	31	8	0	52	6	34	23	0	63	703
7:45AM	14	158	22	0	194	34	317	32	0	383	10	23	7	0	40	14	29	26	0	69	686
Hourly Total	45	686	62	0	793	118	1251	88	0	1457	46	88	35	0	169	48	105	93	0	246	2665
8:00AM	13	140	15	0	168	24	264	15	0	303	12	19	9	0	40	14	17	10	0	41	552
8:15AM	13	115	10	0	138	26	262	16	0	304	10	25	6	0	41	10	29	18	0	57	540
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	26	255	25	0	306	50	526	31	0	607	22	44	15	0	81	24	46	28	0	98	1092
3:00PM	28	219	39	0	286	39	195	24	0	258	24	43	25	0	92	19	48	63	0	130	766
3:15PM	29	221	34	0	284	39	208	18	0	265	29	53	25	0	107	18	44	63	0	125	781
3:30PM	32	248	33	0	313	53	222	29	1	305	28	51	19	0	98	29	43	49	0	121	837
3:45PM	29	245	40	1	315	52	201	19	0	272	36	44	16	0	96	28	54	56	0	138	821
Hourly Total	118	933	146	1	1198	183	826	90	1	1100	117	191	85	0	393	94	189	231	0	514	3205
4:00PM	30	275	41	0	346	55	244	19	0	318	39	59	11	0	109	22	52	69	0	143	916
4:15PM	39	319	22	1	381	48	213	26	0	287	38	60	25	0	123	12	47	70	0	129	920
4:30PM	41	293	24	0	358	57	260	24	1	342	43	62	18	0	123	16	39	74	0	129	952
4:45PM	31	301	28	0	360	55	271	16	0	342	28	65	10	0	103	48	42	72	0	162	967
Hourly Total	141	1188	115	1	1445	215	988	85	1	1289	148	246	64	0	458	98	180	285	0	563	3755
5:00PM	31	292	20	0	343	44	251	25	0	320	25	56	25	0	106	47	47	77	0	171	940
5:15PM	38	295	21	1	355	63	248	24	0	335	26	64	12	0	102	24	48	58	0	130	922
5:30PM	27	286	22	1	336	61	238	29	0	328	35	72	15	0	122	15	42	69	0	126	912
5:45PM	26	278	18	1	323	57	216	24	0	297	29	59	10	0	98	19	48	98	0	165	883
Hourly Total	122	1151	81	3	1357	225	953	102	0	1280	115	251	62	0	428	105	185	302	0	592	3657
6:00PM	21	243	23	1	288	52	217	19	0	288	20	50	20	0	90	15	38	52	0	105	771
6:15PM	34	268	22	1	325	53	173	27	0	253	27	48	15	0	90	12	50	60	0	122	790
6:30PM	32	202	10	0	244	41	173	16	0	230	22	44	14	0	80	16	42	41	0	99	653
6:45PM	31	207	18	0	256	45	166	19	1	231	17	38	12	0	67	14	30	39	0	83	637
Hourly Total	118	920	73	2	1113	191	729	81	1	1002	86	180	61	0	327	57	160	192	0	409	2851
Total	586	5338	531	7	6462	1006	5875	510	3	7394	542	1022	332	0	1896	448	897	1150	0	2495	18247
% Approach	9.1%	82.6%	8.2%	0.1%	-	13.6%	79.5%	6.9%	0%	-	28.6%	53.9%	17.5%	0%	-	18.0%	36.0%	46.1%	0%	-	-
% Total	3.2%	29.3%	2.9%	0%	35.4%	5.5%	32.2%	2.8%	0%	40.5%	3.0%	5.6%	1.8%	0%	10.4%	2.5%	4.9%	6.3%	0%	13.7%	-
Lights and Motorcycles	578	5186	518	7	6289	988	5670	496	3	7157	533	1016	326	0	1875	438	893	1136	0	2467	17788
% Lights and Motorcycles	98.6%	97.2%	97.6%	100%	97.3%	98.2%	96.5%	97.3%	100%	96.8%	98.3%	99.4%	98.2%	0%	98.9%	97.8%	99.6%	98.8%	0%	98.9%	97.5%
Heavy	8	152	13	0	173	18	205	14	0	237	9	6	6	0	21	10	4	14	0	28	459
% Heavy	1.4%	2.8%	2.4%	0%	2.7%	1.8%	3.5%	2.7%	0%	3.2%	1.7%	0.6%	1.8%	0%	1.1%	2.2%	0.4%	1.2%	0%	1.1%	2.5%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & PLEASANT ST - TMC

Thu Feb 7, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619377, Location: 40.039297, -85.995226, Site Code: i-143



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-02-07																						
7:00AM	6	206	14	0	226	27	273	17	0	317	7	21	8	0	36	16	21	24	0	61	640	
7:15AM	10	177	17	0	204	21	300	17	0	338	16	13	12	0	41	12	21	20	0	53	636	
7:30AM	15	145	9	0	169	36	361	22	0	419	13	31	8	0	52	6	34	23	0	63	703	
7:45AM	14	158	22	0	194	34	317	32	0	383	10	23	7	0	40	14	29	26	0	69	686	
Total	45	686	62	0	793	118	1251	88	0	1457	46	88	35	0	169	48	105	93	0	246	2665	
% Approach	5.7%	86.5%	7.8%	0%	-	8.1%	85.9%	6.0%	0%	-	27.2%	52.1%	20.7%	0%	-	19.5%	42.7%	37.8%	0%	-	-	
% Total	1.7%	25.7%	2.3%	0%	29.8%	4.4%	46.9%	3.3%	0%	54.7%	1.7%	3.3%	1.3%	0%	6.3%	1.8%	3.9%	3.5%	0%	9.2%	-	
PHF	0.750	0.833	0.705	-	0.877	0.819	0.866	0.688	-	0.869	0.719	0.710	0.729	-	0.813	0.750	0.772	0.894	-	0.891	0.948	
Lights and Motorcycles	44	651	60	0	755	107	1228	85	0	1420	44	84	35	0	163	47	105	87	0	239	2577	
% Lights and Motorcycles	97.8%	94.9%	96.8%	0%	95.2%	90.7%	98.2%	96.6%	0%	97.5%	95.7%	95.5%	100%	0%	96.4%	97.9%	100%	93.5%	0%	97.2%	96.7%	
Heavy	1	35	2	0	38	11	23	3	0	37	2	4	0	0	6	1	0	6	0	7	88	
% Heavy	2.2%	5.1%	3.2%	0%	4.8%	9.3%	1.8%	3.4%	0%	2.5%	4.3%	4.5%	0%	0%	3.6%	2.1%	0%	6.5%	0%	2.8%	3.3%	

* L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & PLEASANT ST - TMC

Thu Feb 7, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619377, Location: 40.039297, -85.995226, Site Code: i-143



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-07																						
4:30PM	41	293	24	0	358	57	260	24	1	342	43	62	18	0	123	16	39	74	0	129	952	
4:45PM	31	301	28	0	360	55	271	16	0	342	28	65	10	0	103	48	42	72	0	162	967	
5:00PM	31	292	20	0	343	44	251	25	0	320	25	56	25	0	106	47	47	77	0	171	940	
5:15PM	38	295	21	1	355	63	248	24	0	335	26	64	12	0	102	24	48	58	0	130	922	
Total	141	1181	93	1	1416	219	1030	89	1	1339	122	247	65	0	434	135	176	281	0	592	3781	
% Approach	10.0%	83.4%	6.6%	0.1%	-	16.4%	76.9%	6.6%	0.1%	-	28.1%	56.9%	15.0%	0%	-	22.8%	29.7%	47.5%	0%	-	-	
% Total	3.7%	31.2%	2.5%	0%	37.5%	5.8%	27.2%	2.4%	0%	35.4%	3.2%	6.5%	1.7%	0%	11.5%	3.6%	4.7%	7.4%	0%	15.7%	-	
PHF	0.860	0.981	0.830	0.250	0.983	0.869	0.950	0.890	0.250	0.979	0.709	0.950	0.650	-	0.882	0.703	0.917	0.912	-	0.865	0.978	
Lights and Motorcycles	141	1171	93	1	1406	219	993	86	1	1299	122	247	65	0	434	134	176	279	0	589	3728	
% Lights and Motorcycles	100%	99.2%	100%	100%	99.3%	100%	96.4%	96.6%	100%	97.0%	100%	100%	100%	0%	100%	99.3%	100%	99.3%	0%	99.5%	98.6%	
Heavy	0	10	0	0	10	0	37	3	0	40	0	0	0	0	0	1	0	2	0	3	53	
% Heavy	0%	0.8%	0%	0%	0.7%	0%	3.6%	3.4%	0%	3.0%	0%	0%	0%	0%	0%	0.7%	0%	0.7%	0%	0.5%	1.4%	

* L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & CLOVER RD - TMC

Tue Sep 11, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619732, Location: 40.039387, -85.997468, Site Code: i-144



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-11																					
3:00PM	49	21	33	0	103	16	15	5	0	36	9	53	28	0	90	28	60	7	0	95	324
3:15PM	54	17	27	0	98	16	18	11	0	45	12	66	37	0	115	25	77	3	0	105	363
3:30PM	47	15	29	0	91	13	12	13	0	38	14	66	34	0	114	27	54	7	0	88	331
3:45PM	36	14	22	0	72	18	7	13	0	38	17	78	49	0	144	33	62	3	0	98	352
Hourly Total	186	67	111	0	364	63	52	42	0	157	52	263	148	0	463	113	253	20	0	386	1370
4:00PM	59	14	23	0	96	18	22	9	0	49	10	82	40	0	132	27	77	3	0	107	384
4:15PM	49	21	25	0	95	16	17	4	0	37	13	78	41	0	132	32	73	5	0	110	374
4:30PM	60	14	28	0	102	11	13	3	0	27	15	91	53	0	159	23	77	2	0	102	390
4:45PM	54	28	31	0	113	12	10	9	0	31	16	74	67	0	157	27	65	5	0	97	398
Hourly Total	222	77	107	0	406	57	62	25	0	144	54	325	201	0	580	109	292	15	0	416	1546
5:00PM	47	19	32	0	98	11	15	11	0	37	19	74	57	0	150	32	80	6	0	118	403
5:15PM	46	28	30	0	104	12	24	7	0	43	11	78	65	0	154	25	85	2	0	112	413
5:30PM	48	25	32	0	105	5	17	6	0	28	12	77	61	0	150	30	64	5	0	99	382
5:45PM	53	17	37	0	107	16	13	6	0	35	6	59	37	0	102	26	60	0	0	86	330
Hourly Total	194	89	131	0	414	44	69	30	0	143	48	288	220	0	556	113	289	13	0	415	1528
6:00PM	39	23	23	0	85	4	10	5	0	19	6	67	41	1	115	13	65	1	0	79	298
6:15PM	33	18	28	0	79	12	10	4	0	26	6	54	27	0	87	25	58	1	0	84	276
6:30PM	49	14	33	0	96	7	7	3	0	17	4	59	32	0	95	33	51	0	0	84	292
6:45PM	41	9	23	0	73	9	4	9	0	22	12	66	31	0	109	27	59	1	0	87	291
Hourly Total	162	64	107	0	333	32	31	21	0	84	28	246	131	1	406	98	233	3	0	334	1157
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-12																					
6:30AM	4	0	8	0	12	0	1	0	0	1	0	12	9	0	21	14	18	0	0	32	66
6:45AM	6	6	9	0	21	0	0	1	0	1	0	26	11	0	37	15	20	0	0	35	94
Hourly Total	10	6	17	0	33	0	1	1	0	2	0	38	20	0	58	29	38	0	0	67	160
7:00AM	15	5	12	0	32	2	3	0	0	5	1	19	10	0	30	18	34	0	0	52	119
7:15AM	6	11	14	0	31	1	2	0	0	3	2	33	17	0	52	15	45	0	0	60	146
7:30AM	17	4	14	0	35	1	2	1	0	4	2	34	26	0	62	20	52	0	0	72	173
7:45AM	15	4	16	0	35	1	2	1	0	4	2	42	24	0	68	14	58	1	0	73	180
Hourly Total	53	24	56	0	133	5	9	2	0	16	7	128	77	0	212	67	189	1	0	257	618
8:00AM	12	7	11	0	30	0	4	0	0	4	8	46	15	0	69	15	47	1	0	63	166
8:15AM	12	6	15	0	33	0	7	0	0	7	2	38	18	0	58	23	56	3	0	82	180
8:30AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1
Hourly Total	24	13	26	0	63	0	11	0	0	11	11	84	33	0	128	38	103	4	0	145	347
Total	851	340	555	0	1746	201	235	121	0	557	200	1372	830	1	2403	567	1397	56	0	2020	6726
% Approach	48.7%	19.5%	31.8%	0%	-	36.1%	42.2%	21.7%	0%	-	8.3%	57.1%	34.5%	0%	-	28.1%	69.2%	2.8%	0%	-	-
% Total	12.7%	5.1%	8.3%	0%	26.0%	3.0%	3.5%	1.8%	0%	8.3%	3.0%	20.4%	12.3%	0%	35.7%	8.4%	20.8%	0.8%	0%	30.0%	-
Lights and Motorcycles	847	340	549	0	1736	199	234	121	0	554	198	1346	827	1	2372	563	1368	56	0	1987	6649
% Lights and Motorcycles	99.5%	100%	98.9%	0%	99.4%	99.0%	99.6%	100%	0%	99.5%	99.0%	98.1%	99.6%	100%	98.7%	99.3%	97.9%	100%	0%	98.4%	98.9%
Heavy	4	0	6	0	10	2	1	0	0	3	2	26	3	0	31	4	29	0	0	33	77
% Heavy	0.5%	0%	1.1%	0%	0.6%	1.0%	0.4%	0%	0%	0.5%	1.0%	1.9%	0.4%	0%	1.3%	0.7%	2.1%	0%	0%	1.6%	1.1%

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & CLOVER RD - TMC

Wed Sep 12, 2018

AM Peak (Sep 12 2018 7:30AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619732, Location: 40.039387, -85.997468, Site Code: i-144



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-12																						
7:30AM	17	4	14	0	35	1	2	1	0	4	2	34	26	0	62	20	52	0	0	72	173	
7:45AM	15	4	16	0	35	1	2	1	0	4	2	42	24	0	68	14	58	1	0	73	180	
8:00AM	12	7	11	0	30	0	4	0	0	4	8	46	15	0	69	15	47	1	0	63	166	
8:15AM	12	6	15	0	33	0	7	0	0	7	2	38	18	0	58	23	56	3	0	82	180	
Total	56	21	56	0	133	2	15	2	0	19	14	160	83	0	257	72	213	5	0	290	699	
% Approach	42.1%	15.8%	42.1%	0%	-	10.5%	78.9%	10.5%	0%	-	5.4%	62.3%	32.3%	0%	-	24.8%	73.4%	1.7%	0%	-	-	
% Total	8.0%	3.0%	8.0%	0%	19.0%	0.3%	2.1%	0.3%	0%	2.7%	2.0%	22.9%	11.9%	0%	36.8%	10.3%	30.5%	0.7%	0%	41.5%	-	
PHF	0.824	0.750	0.875	-	0.950	0.500	0.536	0.500	-	0.679	0.438	0.870	0.798	-	0.931	0.783	0.918	0.417	-	0.884	0.971	
Lights and Motorcycles	56	21	55	0	132	2	15	2	0	19	14	150	81	0	245	71	203	5	0	279	675	
% Lights and Motorcycles	100%	100%	98.2%	0%	99.2%	100%	100%	100%	0%	100%	100%	93.8%	97.6%	0%	95.3%	98.6%	95.3%	100%	0%	96.2%	96.6%	
Heavy	0	0	1	0	1	0	0	0	0	0	0	10	2	0	12	1	10	0	0	11	24	
% Heavy	0%	0%	1.8%	0%	0.8%	0%	0%	0%	0%	0%	0%	6.3%	2.4%	0%	4.7%	1.4%	4.7%	0%	0%	3.8%	3.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & CLOVER RD - TMC

Tue Sep 11, 2018

PM Peak (Sep 11 2018 4:30PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619732, Location: 40.039387, -85.997468, Site Code: i-144



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-09-11																						
4:30PM	60	14	28	0	102	11	13	3	0	27	15	91	53	0	159	23	77	2	0	102	390	
4:45PM	54	28	31	0	113	12	10	9	0	31	16	74	67	0	157	27	65	5	0	97	398	
5:00PM	47	19	32	0	98	11	15	11	0	37	19	74	57	0	150	32	80	6	0	118	403	
5:15PM	46	28	30	0	104	12	24	7	0	43	11	78	65	0	154	25	85	2	0	112	413	
Total	207	89	121	0	417	46	62	30	0	138	61	317	242	0	620	107	307	15	0	429	1604	
% Approach	49.6%	21.3%	29.0%	0%	-	33.3%	44.9%	21.7%	0%	-	9.8%	51.1%	39.0%	0%	-	24.9%	71.6%	3.5%	0%	-	-	
% Total	12.9%	5.5%	7.5%	0%	26.0%	2.9%	3.9%	1.9%	0%	8.6%	3.8%	19.8%	15.1%	0%	38.7%	6.7%	19.1%	0.9%	0%	26.7%	-	
PHF	0.863	0.795	0.945	-	0.923	0.958	0.646	0.682	-	0.802	0.803	0.871	0.903	-	0.975	0.836	0.903	0.625	-	0.909	0.971	
Lights and Motorcycles	207	89	121	0	417	46	61	30	0	137	61	314	241	0	616	107	302	15	0	424	1594	
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	98.4%	100%	0%	99.3%	100%	99.1%	99.6%	0%	99.4%	100%	98.4%	100%	0%	98.8%	99.4%	
Heavy	0	0	0	0	0	0	1	0	0	1	0	3	1	0	4	0	5	0	0	5	10	
% Heavy	0%	0%	0%	0%	0%	0%	1.6%	0%	0%	0.7%	0%	0.9%	0.4%	0%	0.6%	0%	1.6%	0%	0%	1.2%	0.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & 19TH ST - TMC

Tue Sep 11, 2018

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619736, Location: 40.039252, -86.000503, Site Code: i-145



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-09-11 3:00PM	11	11	0	22	25	86	0	111	85	44	0	129	262
3:15PM	9	12	0	21	19	101	0	120	111	50	0	161	302
3:30PM	8	13	0	21	25	92	0	117	98	29	0	127	265
3:45PM	18	11	0	29	18	122	0	140	84	39	0	123	292
Hourly Total	46	47	0	93	87	401	0	488	378	162	0	540	1121
4:00PM	19	9	0	28	24	110	0	134	115	48	0	163	325
4:15PM	20	9	0	29	24	116	0	140	98	49	0	147	316
4:30PM	12	16	0	28	32	136	0	168	102	52	0	154	350
4:45PM	24	10	0	34	26	115	0	141	108	41	0	149	324
Hourly Total	75	44	0	119	106	477	0	583	423	190	0	613	1315
5:00PM	22	16	0	38	25	122	0	147	118	33	0	151	336
5:15PM	28	14	0	42	21	119	0	140	113	41	0	154	336
5:30PM	20	9	0	29	15	125	0	140	90	27	0	117	286
5:45PM	13	7	0	20	18	80	0	98	95	27	0	122	240
Hourly Total	83	46	0	129	79	446	0	525	416	128	0	544	1198
6:00PM	6	8	0	14	10	96	0	106	83	34	0	117	237
6:15PM	12	5	0	17	9	69	0	78	74	23	0	97	192
6:30PM	6	12	0	18	21	90	0	111	91	24	0	115	244
6:45PM	11	11	0	22	10	85	0	95	84	33	0	117	234
Hourly Total	35	36	0	71	50	340	0	390	332	114	0	446	907
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-12 6:30AM	4	5	0	9	3	16	0	19	21	3	0	24	52
6:45AM	8	7	0	15	6	35	0	41	22	5	0	27	83
Hourly Total	12	12	0	24	9	51	0	60	43	8	0	51	135
7:00AM	7	7	0	14	25	20	0	45	37	17	0	54	113
7:15AM	12	5	0	17	21	44	0	65	39	11	0	50	132
7:30AM	14	18	0	32	8	42	0	50	47	14	0	61	143
7:45AM	7	16	0	23	10	62	0	72	63	16	0	79	174
Hourly Total	40	46	0	86	64	168	0	232	186	58	0	244	562
8:00AM	10	6	0	16	14	52	0	66	44	15	0	59	141
8:15AM	11	10	0	21	12	42	0	54	54	15	0	69	144
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	21	16	0	37	26	94	0	120	98	30	0	128	285
Total	312	247	0	559	421	1977	0	2398	1876	690	0	2566	5523
% Approach	55.8%	44.2%	0%	-	17.6%	82.4%	0%	-	73.1%	26.9%	0%	-	-
% Total	5.6%	4.5%	0%	10.1%	7.6%	35.8%	0%	43.4%	34.0%	12.5%	0%	46.5%	-
Lights and Motorcycles	303	240	0	543	415	1949	0	2364	1851	684	0	2535	5442
% Lights and Motorcycles	97.1%	97.2%	0%	97.1%	98.6%	98.6%	0%	98.6%	98.7%	99.1%	0%	98.8%	98.5%
Heavy	9	7	0	16	6	28	0	34	25	6	0	31	81
% Heavy	2.9%	2.8%	0%	2.9%	1.4%	1.4%	0%	1.4%	1.3%	0.9%	0%	1.2%	1.5%

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & 19TH ST - TMC

Wed Sep 12, 2018

AM Peak (Sep 12 2018 7:30AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619736, Location: 40.039252, -86.000503, Site Code: i-145



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				
Time	L	R	U	App	L	T	U	App	T	R	U	App	Int
2018-09-12 7:30AM	14	18	0	32	8	42	0	50	47	14	0	61	143
7:45AM	7	16	0	23	10	62	0	72	63	16	0	79	174
8:00AM	10	6	0	16	14	52	0	66	44	15	0	59	141
8:15AM	11	10	0	21	12	42	0	54	54	15	0	69	144
Total	42	50	0	92	44	198	0	242	208	60	0	268	602
% Approach	45.7%	54.3%	0%	-	18.2%	81.8%	0%	-	77.6%	22.4%	0%	-	-
% Total	7.0%	8.3%	0%	15.3%	7.3%	32.9%	0%	40.2%	34.6%	10.0%	0%	44.5%	-
PHF	0.750	0.694	-	0.719	0.786	0.798	-	0.840	0.825	0.938	-	0.848	0.865
Lights and Motorcycles	40	46	0	86	42	189	0	231	199	58	0	257	574
% Lights and Motorcycles	95.2%	92.0%	0%	93.5%	95.5%	95.5%	0%	95.5%	95.7%	96.7%	0%	95.9%	95.3%
Heavy	2	4	0	6	2	9	0	11	9	2	0	11	28
% Heavy	4.8%	8.0%	0%	6.5%	4.5%	4.5%	0%	4.5%	4.3%	3.3%	0%	4.1%	4.7%

* L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & 19TH ST - TMC

Tue Sep 11, 2018

PM Peak (Sep 11 2018 4:30PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619736, Location: 40.039252, -86.000503, Site Code: i-145



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				
Time	L	R	U	App	L	T	U	App	T	R	U	App	Int
2018-09-11 4:30PM	12	16	0	28	32	136	0	168	102	52	0	154	350
4:45PM	24	10	0	34	26	115	0	141	108	41	0	149	324
5:00PM	22	16	0	38	25	122	0	147	118	33	0	151	336
5:15PM	28	14	0	42	21	119	0	140	113	41	0	154	336
Total	86	56	0	142	104	492	0	596	441	167	0	608	1346
% Approach	60.6%	39.4%	0%	-	17.4%	82.6%	0%	-	72.5%	27.5%	0%	-	-
% Total	6.4%	4.2%	0%	10.5%	7.7%	36.6%	0%	44.3%	32.8%	12.4%	0%	45.2%	-
PHF	0.768	0.875	-	0.845	0.813	0.904	-	0.887	0.934	0.803	-	0.987	0.961
Lights and Motorcycles	84	56	0	140	104	487	0	591	437	166	0	603	1334
% Lights and Motorcycles	97.7%	100%	0%	98.6%	100%	99.0%	0%	99.2%	99.1%	99.4%	0%	99.2%	99.1%
Heavy	2	0	0	2	0	5	0	5	4	1	0	5	12
% Heavy	2.3%	0%	0%	1.4%	0%	1.0%	0%	0.8%	0.9%	0.6%	0%	0.8%	0.9%

* L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & 16TH ST - TMC

Tue Sep 11, 2018

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619728, Location: 40.039226, -86.004377, Site Code: i-146



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-11																					
3:00PM	6	0	5	0	11	0	0	0	0	0	1	102	5	0	108	8	88	0	0	96	215
3:15PM	5	0	16	0	21	0	0	0	0	0	0	95	8	0	103	11	100	0	0	111	235
3:30PM	3	0	14	0	17	1	0	0	0	1	0	102	7	0	109	13	98	0	0	111	238
3:45PM	7	0	20	0	27	2	0	0	0	2	0	106	3	0	109	13	83	0	0	96	234
Hourly Total	21	0	55	0	76	3	0	0	0	3	1	405	23	0	429	45	369	0	0	414	922
4:00PM	5	0	13	0	18	0	0	2	0	2	0	120	0	0	120	7	113	0	0	120	260
4:15PM	3	0	12	0	15	1	0	1	0	2	0	124	3	0	127	8	97	0	0	105	249
4:30PM	3	0	13	0	16	1	0	0	0	1	0	145	6	0	151	11	87	2	0	100	268
4:45PM	3	0	13	0	16	0	0	0	0	0	0	127	5	0	132	11	101	0	0	112	260
Hourly Total	14	0	51	0	65	2	0	3	0	5	0	516	14	0	530	37	398	2	0	437	1037
5:00PM	7	0	12	0	19	0	0	1	0	1	0	118	1	0	119	15	121	1	0	137	276
5:15PM	5	0	16	0	21	0	0	0	0	0	0	107	2	0	109	16	98	0	0	114	244
5:30PM	7	0	8	0	15	0	0	0	0	0	0	111	4	0	115	12	88	0	0	100	230
5:45PM	3	0	11	0	14	0	0	0	0	0	0	92	7	0	99	12	83	0	0	95	208
Hourly Total	22	0	47	0	69	0	0	1	0	1	0	428	14	0	442	55	390	1	0	446	958
6:00PM	4	0	5	0	9	0	0	0	0	0	1	96	4	0	101	10	84	0	0	94	204
6:15PM	4	0	7	0	11	0	0	0	0	0	0	71	2	0	73	4	66	2	0	72	156
6:30PM	3	0	10	0	13	0	0	0	0	0	2	97	4	0	103	7	86	1	0	94	210
6:45PM	3	0	7	0	10	0	0	0	0	0	0	81	0	0	81	9	91	0	0	100	191
Hourly Total	14	0	29	0	43	0	0	0	0	0	3	345	10	0	358	30	327	3	0	360	761
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-12																					
6:30AM	2	0	3	0	5	0	0	0	0	0	0	17	2	0	19	1	21	0	0	22	46
6:45AM	1	0	4	0	5	0	0	0	0	0	0	36	2	0	38	2	25	0	0	27	70
Hourly Total	3	0	7	0	10	0	0	0	0	0	0	53	4	0	57	3	46	0	0	49	116
7:00AM	1	0	18	0	19	0	0	0	0	0	0	27	2	0	29	5	35	0	0	40	88
7:15AM	4	0	13	0	17	0	0	0	0	0	0	55	6	0	61	3	38	0	0	41	119
7:30AM	9	0	3	0	12	0	0	0	0	0	0	49	4	0	53	11	54	1	0	66	131
7:45AM	4	0	9	0	13	1	1	0	0	2	0	66	1	0	67	8	60	0	0	68	150
Hourly Total	18	0	43	0	61	1	1	0	0	2	0	197	13	0	210	27	187	1	0	215	488
8:00AM	3	0	6	0	9	0	1	0	0	1	1	67	1	0	69	2	43	1	0	46	125
8:15AM	4	0	5	0	9	0	0	0	0	0	1	42	1	0	44	9	53	1	0	63	116
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	7	0	11	0	18	0	1	0	0	1	2	109	2	0	113	11	96	2	0	109	241
Total	99	0	243	0	342	6	2	4	0	12	6	2053	80	0	2139	208	1813	9	0	2030	4523
% Approach	28.9%	0%	71.1%	0%	-	50.0%	16.7%	33.3%	0%	-	0.3%	96.0%	3.7%	0%	-	10.2%	89.3%	0.4%	0%	-	-
% Total	2.2%	0%	5.4%	0%	7.6%	0.1%	0%	0.1%	0%	0.3%	0.1%	45.4%	1.8%	0%	47.3%	4.6%	40.1%	0.2%	0%	44.9%	-
Lights and Motorcycles	95	0	238	0	333	6	0	4	0	10	6	2028	76	0	2110	200	1795	8	0	2003	4456
% Lights and Motorcycles	96.0%	0%	97.9%	0%	97.4%	100%	0%	100%	0%	83.3%	100%	98.8%	95.0%	0%	98.6%	96.2%	99.0%	88.9%	0%	98.7%	98.5%
Heavy	4	0	5	0	9	0	2	0	0	2	0	25	4	0	29	8	18	1	0	27	67
% Heavy	4.0%	0%	2.1%	0%	2.6%	0%	100%	0%	0%	16.7%	0%	1.2%	5.0%	0%	1.4%	3.8%	1.0%	11.1%	0%	1.3%	1.5%

* L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & 16TH ST - TMC

Wed Sep 12, 2018

AM Peak (Sep 12 2018 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619728, Location: 40.039226, -86.004377, Site Code: i-146



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2018-09-12																										
7:15AM	4	0	13	0	17	0	0	0	0	0	0	55	6	0	61	3	38	0	0	41	119					
7:30AM	9	0	3	0	12	0	0	0	0	0	0	49	4	0	53	11	54	1	0	66	131					
7:45AM	4	0	9	0	13	1	1	0	0	2	0	66	1	0	67	8	60	0	0	68	150					
8:00AM	3	0	6	0	9	0	1	0	0	1	1	67	1	0	69	2	43	1	0	46	125					
Total	20	0	31	0	51	1	2	0	0	3	1	237	12	0	250	24	195	2	0	221	525					
% Approach	39.2%	0%	60.8%	0%	-	33.3%	66.7%	0%	0%	-	0.4%	94.8%	4.8%	0%	-	10.9%	88.2%	0.9%	0%	-	-					
% Total	3.8%	0%	5.9%	0%	9.7%	0.2%	0.4%	0%	0%	0.6%	0.2%	45.1%	2.3%	0%	47.6%	4.6%	37.1%	0.4%	0%	42.1%	-					
PHF	0.556	-	0.596	-	0.750	0.250	0.500	-	-	0.375	0.250	0.884	0.500	-	0.906	0.545	0.813	0.500	-	0.813	0.875					
Lights and Motorcycles	20	0	31	0	51	1	0	0	0	1	1	228	12	0	241	24	187	1	0	212	505					
% Lights and Motorcycles	100%	0%	100%	0%	100%	100%	0%	0%	0%	33.3%	100%	96.2%	100%	0%	96.4%	100%	95.9%	50.0%	0%	95.9%	96.2%					
Heavy	0	0	0	0	0	0	2	0	0	2	0	9	0	0	9	0	8	1	0	9	20					
% Heavy	0%	0%	0%	0%	0%	0%	100%	0%	0%	66.7%	0%	3.8%	0%	0%	3.6%	0%	4.1%	50.0%	0%	4.1%	3.8%					

*L: Left, R: Right, T: Thru, U: U-Turn

PLEASANT ST & 16TH ST - TMC

Tue Sep 11, 2018

PM Peak (Sep 11 2018 4:15PM - 5:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619728, Location: 40.039226, -86.004377, Site Code: i-146



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-11 4:15PM	3	0	12	0	15	1	0	1	0	2	0	124	3	0	127	8	97	0	0	105	249
4:30PM	3	0	13	0	16	1	0	0	0	1	0	145	6	0	151	11	87	2	0	100	268
4:45PM	3	0	13	0	16	0	0	0	0	0	0	127	5	0	132	11	101	0	0	112	260
5:00PM	7	0	12	0	19	0	0	1	0	1	0	118	1	0	119	15	121	1	0	137	276
Total	16	0	50	0	66	2	0	2	0	4	0	514	15	0	529	45	406	3	0	454	1053
% Approach	24.2%	0%	75.8%	0%	-	50.0%	0%	50.0%	0%	-	0%	97.2%	2.8%	0%	-	9.9%	89.4%	0.7%	0%	-	-
% Total	1.5%	0%	4.7%	0%	6.3%	0.2%	0%	0.2%	0%	0.4%	0%	48.8%	1.4%	0%	50.2%	4.3%	38.6%	0.3%	0%	43.1%	-
PHF	0.571	-	0.962	-	0.868	0.500	-	0.500	-	0.500	-	0.886	0.625	-	0.876	0.750	0.839	0.375	-	0.828	0.954
Lights and Motorcycles	15	0	50	0	65	2	0	2	0	4	0	512	14	0	526	44	404	3	0	451	1046
% Lights and Motorcycles	93.8%	0%	100%	0%	98.5%	100%	0%	100%	0%	100%	0%	99.6%	93.3%	0%	99.4%	97.8%	99.5%	100%	0%	99.3%	99.3%
Heavy	1	0	0	0	1	0	0	0	0	0	0	2	1	0	3	1	2	0	0	3	7
% Heavy	6.3%	0%	0%	0%	1.5%	0%	0%	0%	0%	0%	0%	0.4%	6.7%	0%	0.6%	2.2%	0.5%	0%	0%	0.7%	0.7%

*L: Left, R: Right, T: Thru, U: U-Turn

10TH ST & PLEASANT ST - TMC

Thu Feb 28, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 640150, Location: 40.039125, -86.012186, Site Code: i-147



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-28																					
6:30AM	1	20	3	0	24	1	42	0	0	43	0	17	3	0	20	1	11	1	0	13	100
6:45AM	0	35	5	0	40	4	33	2	0	39	0	29	3	0	32	0	24	8	0	32	143
Hourly Total	1	55	8	0	64	5	75	2	0	82	0	46	6	0	52	1	35	9	0	45	243
7:00AM	1	56	10	0	67	6	53	0	0	59	0	15	1	0	16	1	20	3	0	24	166
7:15AM	2	39	12	0	53	4	76	2	0	82	0	30	3	0	33	2	22	12	0	36	204
7:30AM	0	45	9	0	54	6	82	2	0	90	0	46	4	0	50	1	24	7	0	32	226
7:45AM	0	58	11	0	69	20	53	0	0	73	0	39	3	0	42	4	37	6	0	47	231
Hourly Total	3	198	42	0	243	36	264	4	0	304	0	130	11	0	141	8	103	28	0	139	827
8:00AM	1	55	14	0	70	4	51	2	0	57	0	41	2	0	43	1	23	9	0	33	203
8:15AM	2	70	10	0	82	2	59	0	0	61	0	46	3	0	49	0	28	8	0	36	228
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	3	125	24	0	152	6	110	2	0	118	0	87	5	0	92	1	51	17	0	69	431
3:00PM	2	74	9	0	85	16	58	1	0	75	1	47	4	0	52	0	51	21	0	72	284
3:15PM	3	77	22	0	102	10	47	0	0	57	0	69	4	0	73	0	77	23	0	100	332
3:30PM	0	75	11	0	86	10	69	2	0	81	1	69	1	0	71	0	56	22	0	78	316
3:45PM	2	93	13	0	108	17	46	1	0	64	0	57	4	0	61	1	50	26	0	77	310
Hourly Total	7	319	55	0	381	53	220	4	0	277	2	242	13	0	257	1	234	92	0	327	1242
4:00PM	1	80	18	0	99	22	69	2	0	93	0	61	6	0	67	1	59	21	0	81	340
4:15PM	3	96	15	0	114	12	58	3	0	73	0	50	5	0	55	0	56	29	0	85	327
4:30PM	3	110	19	0	132	18	78	0	0	96	0	90	6	0	96	3	52	23	0	78	402
4:45PM	3	76	25	0	104	11	64	2	0	77	0	81	2	0	83	1	57	19	0	77	341
Hourly Total	10	362	77	0	449	63	269	7	0	339	0	282	19	0	301	5	224	92	0	321	1410
5:00PM	5	112	18	0	135	19	61	0	0	80	0	81	10	0	91	0	59	27	0	86	392
5:15PM	2	105	20	0	127	18	50	2	0	70	0	83	3	0	86	1	64	18	0	83	366
5:30PM	4	90	15	0	109	17	52	3	0	72	0	57	1	0	58	2	63	25	0	90	329
5:45PM	1	84	14	0	99	18	56	0	0	74	0	70	5	0	75	0	61	18	0	79	327
Hourly Total	12	391	67	0	470	72	219	5	0	296	0	291	19	0	310	3	247	88	0	338	1414
6:00PM	3	75	12	0	90	9	51	0	0	60	0	67	6	0	73	0	54	27	0	81	304
6:15PM	3	65	12	0	80	11	49	2	0	62	1	49	1	0	51	1	39	17	0	57	250
6:30PM	2	52	10	0	64	8	45	4	0	57	1	36	3	0	40	0	48	19	0	67	228
6:45PM	3	58	5	0	66	10	39	2	0	51	0	35	1	0	36	1	35	21	0	57	210
Hourly Total	11	250	39	0	300	38	184	8	0	230	2	187	11	0	200	2	176	84	0	262	992
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	47	1700	312	0	2059	273	1341	32	0	1646	4	1265	84	0	1353	21	1070	410	0	1501	6559
% Approach	2.3%	82.6%	15.2%	0%	-	16.6%	81.5%	1.9%	0%	-	0.3%	93.5%	6.2%	0%	-	1.4%	71.3%	27.3%	0%	-	-
% Total	0.7%	25.9%	4.8%	0%	31.4%	4.2%	20.4%	0.5%	0%	25.1%	0.1%	19.3%	1.3%	0%	20.6%	0.3%	16.3%	6.3%	0%	22.9%	-
Lights and Motorcycles	45	1668	312	0	2025	268	1316	31	0	1615	4	1255	84	0	1343	20	1061	405	0	1486	6469
% Lights and Motorcycles	95.7%	98.1%	100%	0%	98.3%	98.2%	98.1%	96.9%	0%	98.1%	100%	99.2%	100%	0%	99.3%	95.2%	99.2%	98.8%	0%	99.0%	98.6%
Heavy	2	32	0	0	34	5	25	1	0	31	0	10	0	0	10	1	9	5	0	15	90
% Heavy	4.3%	1.9%	0%	0%	1.7%	1.8%	1.9%	3.1%	0%	1.9%	0%	0.8%	0%	0%	0.7%	4.8%	0.8%	1.2%	0%	1.0%	1.4%

*L: Left, R: Right, T: Thru, U: U-Turn

10TH ST & PLEASANT ST - TMC

Thu Feb 28, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 640150, Location: 40.039125, -86.012186, Site Code: i-147



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-02-28																						
7:30AM	0	45	9	0	54	6	82	2	0	90	0	46	4	0	50	1	24	7	0	32	226	
7:45AM	0	58	11	0	69	20	53	0	0	73	0	39	3	0	42	4	37	6	0	47	231	
8:00AM	1	55	14	0	70	4	51	2	0	57	0	41	2	0	43	1	23	9	0	33	203	
8:15AM	2	70	10	0	82	2	59	0	0	61	0	46	3	0	49	0	28	8	0	36	228	
Total	3	228	44	0	275	32	245	4	0	281	0	172	12	0	184	6	112	30	0	148	888	
% Approach	1.1%	82.9%	16.0%	0%	-	11.4%	87.2%	1.4%	0%	-	0%	93.5%	6.5%	0%	-	4.1%	75.7%	20.3%	0%	-	-	
% Total	0.3%	25.7%	5.0%	0%	31.0%	3.6%	27.6%	0.5%	0%	31.6%	0%	19.4%	1.4%	0%	20.7%	0.7%	12.6%	3.4%	0%	16.7%	-	
PHF	0.375	0.814	0.786	-	0.838	0.400	0.747	0.500	-	0.781	-	0.935	0.750	-	0.920	0.375	0.757	0.833	-	0.787	0.961	
Lights and Motorcycles	2	218	44	0	264	32	235	4	0	271	0	167	12	0	179	6	110	28	0	144	858	
% Lights and Motorcycles	66.7%	95.6%	100%	0%	96.0%	100%	95.9%	100%	0%	96.4%	0%	97.1%	100%	0%	97.3%	100%	98.2%	93.3%	0%	97.3%	96.6%	
Heavy	1	10	0	0	11	0	10	0	0	10	0	5	0	0	5	0	2	2	0	4	30	
% Heavy	33.3%	4.4%	0%	0%	4.0%	0%	4.1%	0%	0%	3.6%	0%	2.9%	0%	0%	2.7%	0%	1.8%	6.7%	0%	2.7%	3.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

10TH ST & PLEASANT ST - TMC

Thu Feb 28, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 640150, Location: 40.039125, -86.012186, Site Code: i-147



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2019-02-28																										
4:30PM	3	110	19	0	132	18	78	0	0	96	0	90	6	0	96	3	52	23	0	78	402					
4:45PM	3	76	25	0	104	11	64	2	0	77	0	81	2	0	83	1	57	19	0	77	341					
5:00PM	5	112	18	0	135	19	61	0	0	80	0	81	10	0	91	0	59	27	0	86	392					
5:15PM	2	105	20	0	127	18	50	2	0	70	0	83	3	0	86	1	64	18	0	83	366					
Total	13	403	82	0	498	66	253	4	0	323	0	335	21	0	356	5	232	87	0	324	1501					
% Approach	2.6%	80.9%	16.5%	0%	-	20.4%	78.3%	1.2%	0%	-	0%	94.1%	5.9%	0%	-	1.5%	71.6%	26.9%	0%	-	-					
% Total	0.9%	26.8%	5.5%	0%	33.2%	4.4%	16.9%	0.3%	0%	21.5%	0%	22.3%	1.4%	0%	23.7%	0.3%	15.5%	5.8%	0%	21.6%	-					
PHF	0.650	0.900	0.820	-	0.922	0.868	0.811	0.500	-	0.841	-	0.931	0.525	-	0.927	0.417	0.906	0.806	-	0.942	0.933					
Lights and Motorcycles	13	402	82	0	497	65	253	4	0	322	0	333	21	0	354	5	231	87	0	323	1496					
% Lights and Motorcycles	100%	99.8%	100%	0%	99.8%	98.5%	100%	100%	0%	99.7%	0%	99.4%	100%	0%	99.4%	100%	99.6%	100%	0%	99.7%	99.7%					
Heavy	0	1	0	0	1	1	0	0	0	1	0	2	0	0	2	0	1	0	0	1	5					
% Heavy	0%	0.2%	0%	0%	0.2%	1.5%	0%	0%	0%	0.3%	0%	0.6%	0%	0%	0.6%	0%	0.4%	0%	0%	0.3%	0.3%					

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY TREE AND 171ST ST - TMC

Wed Jan 23, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619249, Location: 40.036656, -86.042223, Site Code: i-152



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-01-23 6:30AM	2	5	0	7	0	1	0	1	4	4	0	8	16
6:45AM	2	16	0	18	9	2	0	11	6	2	0	8	37
Hourly Total	4	21	0	25	9	3	0	12	10	6	0	16	53
7:00AM	2	19	0	21	9	2	0	11	5	0	0	5	37
7:15AM	1	4	0	5	3	3	0	6	6	0	0	6	17
7:30AM	5	10	0	15	8	6	0	14	6	3	0	9	38
7:45AM	1	12	0	13	2	4	0	6	7	1	0	8	27
Hourly Total	9	45	0	54	22	15	0	37	24	4	0	28	119
8:00AM	3	6	0	9	3	3	0	6	4	2	0	6	21
8:15AM	0	7	0	7	3	4	0	7	8	2	0	10	24
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	3	13	0	16	6	7	0	13	12	4	0	16	45
3:00PM	2	15	0	17	6	5	0	11	8	6	0	14	42
3:15PM	11	9	0	20	2	2	0	4	10	4	0	14	38
3:30PM	5	11	0	16	0	0	0	0	15	3	0	18	34
3:45PM	4	10	0	14	4	0	0	4	7	1	0	8	26
Hourly Total	22	45	0	67	12	7	0	19	40	14	0	54	140
4:00PM	7	10	0	17	7	6	0	13	5	3	0	8	38
4:15PM	5	14	0	19	3	1	0	4	13	8	0	21	44
4:30PM	2	12	0	14	6	6	0	12	12	6	0	18	44
4:45PM	3	14	0	17	5	0	0	5	14	9	0	23	45
Hourly Total	17	50	0	67	21	13	0	34	44	26	0	70	171
5:00PM	4	15	0	19	6	4	0	10	7	1	0	8	37
5:15PM	6	13	0	19	6	1	0	7	14	5	0	19	45
5:30PM	3	18	0	21	3	1	0	4	13	7	0	20	45
5:45PM	6	4	0	10	7	4	0	11	11	5	0	16	37
Hourly Total	19	50	0	69	22	10	0	32	45	18	0	63	164
6:00PM	0	15	0	15	5	4	0	9	15	2	0	17	41
6:15PM	4	15	0	19	6	3	0	9	12	2	0	14	42
6:30PM	0	17	0	17	4	0	0	4	13	4	0	17	38
6:45PM	1	4	0	5	1	1	0	2	7	1	0	8	15
Hourly Total	5	51	0	56	16	8	0	24	47	9	0	56	136
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	79	275	0	354	108	63	0	171	222	81	0	303	828
% Approach	22.3%	77.7%	0%	-	63.2%	36.8%	0%	-	73.3%	26.7%	0%	-	-
% Total	9.5%	33.2%	0%	42.8%	13.0%	7.6%	0%	20.7%	26.8%	9.8%	0%	36.6%	-
Lights and Motorcycles	72	265	0	337	107	59	0	166	213	79	0	292	795
% Lights and Motorcycles	91.1%	96.4%	0%	95.2%	99.1%	93.7%	0%	97.1%	95.9%	97.5%	0%	96.4%	96.0%
Heavy	7	10	0	17	1	4	0	5	9	2	0	11	33
% Heavy	8.9%	3.6%	0%	4.8%	0.9%	6.3%	0%	2.9%	4.1%	2.5%	0%	3.6%	4.0%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY TREE AND 171ST ST - TMC

Wed Jan 23, 2019

AM Peak (6:45 AM - 7:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619249, Location: 40.036656, -86.042223, Site Code: i-152



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-01-23 6:45AM	2	16	0	18	9	2	0	11	6	2	0	8	37
7:00AM	2	19	0	21	9	2	0	11	5	0	0	5	37
7:15AM	1	4	0	5	3	3	0	6	6	0	0	6	17
7:30AM	5	10	0	15	8	6	0	14	6	3	0	9	38
Total	10	49	0	59	29	13	0	42	23	5	0	28	129
% Approach	16.9%	83.1%	0%	-	69.0%	31.0%	0%	-	82.1%	17.9%	0%	-	-
% Total	7.8%	38.0%	0%	45.7%	22.5%	10.1%	0%	32.6%	17.8%	3.9%	0%	21.7%	-
PHF	0.500	0.645	-	0.702	0.806	0.542	-	0.750	0.958	0.417	-	0.778	0.849
Lights and Motorcycles	10	46	0	56	28	13	0	41	22	5	0	27	124
% Lights and Motorcycles	100%	93.9%	0%	94.9%	96.6%	100%	0%	97.6%	95.7%	100%	0%	96.4%	96.1%
Heavy	0	3	0	3	1	0	0	1	1	0	0	1	5
% Heavy	0%	6.1%	0%	5.1%	3.4%	0%	0%	2.4%	4.3%	0%	0%	3.6%	3.9%

* L: Left, R: Right, T: Thru, U: U-Turn

CHERRY TREE AND 171ST ST - TMC

Wed Jan 23, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619249, Location: 40.036656, -86.042223, Site Code: i-152



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-01-23 4:45PM	3	14	0	17	5	0	0	5	14	9	0	23	45
5:00PM	4	15	0	19	6	4	0	10	7	1	0	8	37
5:15PM	6	13	0	19	6	1	0	7	14	5	0	19	45
5:30PM	3	18	0	21	3	1	0	4	13	7	0	20	45
Total	16	60	0	76	20	6	0	26	48	22	0	70	172
% Approach	21.1%	78.9%	0%	-	76.9%	23.1%	0%	-	68.6%	31.4%	0%	-	-
% Total	9.3%	34.9%	0%	44.2%	11.6%	3.5%	0%	15.1%	27.9%	12.8%	0%	40.7%	-
PHF	0.667	0.833	-	0.905	0.833	0.375	-	0.650	0.857	0.611	-	0.761	0.956
Lights and Motorcycles	16	60	0	76	20	6	0	26	48	22	0	70	172
% Lights and Motorcycles	100%	100%	0%	100%	100%	100%	0%	100%	100%	100%	0%	100%	100%
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

* L: Left, R: Right, T: Thru, U: U-Turn

171ST & WILLOWVIEW RD - TMC

Wed Jan 23, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619251, Location: 40.036819, -86.051662, Site Code: i-153



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-01-23 6:30AM	1	0	0	1	0	0	0	0	7	5	0	12	13
6:45AM	0	0	0	0	0	4	0	4	10	3	0	13	17
Hourly Total	1	0	0	1	0	4	0	4	17	8	0	25	30
7:00AM	2	1	0	3	2	1	0	3	9	4	0	13	19
7:15AM	0	2	0	2	1	2	0	3	9	4	0	13	18
7:30AM	2	3	0	5	0	5	0	5	11	11	0	22	32
7:45AM	2	2	0	4	1	4	0	5	9	3	0	12	21
Hourly Total	6	8	0	14	4	12	0	16	38	22	0	60	90
8:00AM	3	1	0	4	2	1	0	3	17	4	0	21	28
8:15AM	1	1	0	2	1	3	0	4	7	1	0	8	14
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	4	2	0	6	3	4	0	7	24	5	0	29	42
3:00PM	0	1	0	1	1	10	0	11	3	3	0	6	18
3:15PM	4	2	0	6	3	6	0	9	14	4	0	18	33
3:30PM	2	1	0	3	2	6	0	8	6	0	0	6	17
3:45PM	3	0	0	3	2	8	0	10	7	1	0	8	21
Hourly Total	9	4	0	13	8	30	0	38	30	8	0	38	89
4:00PM	5	2	0	7	4	9	0	13	7	2	0	9	29
4:15PM	1	2	0	3	0	7	0	7	8	2	0	10	20
4:30PM	7	2	0	9	2	10	0	12	4	1	0	5	26
4:45PM	5	3	0	8	0	9	0	9	4	3	0	7	24
Hourly Total	18	9	0	27	6	35	0	41	23	8	0	31	99
5:00PM	9	6	0	15	2	15	0	17	3	1	0	4	36
5:15PM	7	2	0	9	0	17	0	17	5	5	0	10	36
5:30PM	2	2	0	4	1	12	0	13	3	5	0	8	25
5:45PM	3	1	0	4	0	12	0	12	5	2	0	7	23
Hourly Total	21	11	0	32	3	56	0	59	16	13	0	29	120
6:00PM	2	2	0	4	0	8	0	8	5	2	0	7	19
6:15PM	2	0	0	2	0	10	0	10	4	1	0	5	17
6:30PM	4	1	0	5	0	5	0	5	2	1	0	3	13
6:45PM	0	2	0	2	2	8	0	10	2	0	0	2	14
Hourly Total	8	5	0	13	2	31	0	33	13	4	0	17	63
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	67	39	0	106	26	172	0	198	161	68	0	229	533
% Approach	63.2%	36.8%	0%	-	13.1%	86.9%	0%	-	70.3%	29.7%	0%	-	-
% Total	12.6%	7.3%	0%	19.9%	4.9%	32.3%	0%	37.1%	30.2%	12.8%	0%	43.0%	-
Lights and Motorcycles	65	35	0	100	24	165	0	189	150	62	0	212	501
% Lights and Motorcycles	97.0%	89.7%	0%	94.3%	92.3%	95.9%	0%	95.5%	93.2%	91.2%	0%	92.6%	94.0%
Heavy	2	4	0	6	2	7	0	9	11	6	0	17	32
% Heavy	3.0%	10.3%	0%	5.7%	7.7%	4.1%	0%	4.5%	6.8%	8.8%	0%	7.4%	6.0%

*L: Left, R: Right, T: Thru, U: U-Turn

171ST & WILLOWVIEW RD - TMC

Wed Jan 23, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619251, Location: 40.036819, -86.051662, Site Code: i-153



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-01-23 7:15AM	0	2	0	2	1	2	0	3	9	4	0	13	18
7:30AM	2	3	0	5	0	5	0	5	11	11	0	22	32
7:45AM	2	2	0	4	1	4	0	5	9	3	0	12	21
8:00AM	3	1	0	4	2	1	0	3	17	4	0	21	28
Total	7	8	0	15	4	12	0	16	46	22	0	68	99
% Approach	46.7%	53.3%	0%	-	25.0%	75.0%	0%	-	67.6%	32.4%	0%	-	-
% Total	7.1%	8.1%	0%	15.2%	4.0%	12.1%	0%	16.2%	46.5%	22.2%	0%	68.7%	-
PHF	0.583	0.667	-	0.750	0.500	0.600	-	0.800	0.676	0.500	-	0.773	0.773
Lights and Motorcycles	6	7	0	13	4	12	0	16	43	22	0	65	94
% Lights and Motorcycles	85.7%	87.5%	0%	86.7%	100%	100%	0%	100%	93.5%	100%	0%	95.6%	94.9%
Heavy	1	1	0	2	0	0	0	0	3	0	0	3	5
% Heavy	14.3%	12.5%	0%	13.3%	0%	0%	0%	0%	6.5%	0%	0%	4.4%	5.1%

* L: Left, R: Right, T: Thru, U: U-Turn

171ST & WILLOWVIEW RD - TMC

Wed Jan 23, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619251, Location: 40.036819, -86.051662, Site Code: i-153



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-01-23 4:30PM	7	2	0	9	2	10	0	12	4	1	0	5	26
4:45PM	5	3	0	8	0	9	0	9	4	3	0	7	24
5:00PM	9	6	0	15	2	15	0	17	3	1	0	4	36
5:15PM	7	2	0	9	0	17	0	17	5	5	0	10	36
Total	28	13	0	41	4	51	0	55	16	10	0	26	122
% Approach	68.3%	31.7%	0%	-	7.3%	92.7%	0%	-	61.5%	38.5%	0%	-	-
% Total	23.0%	10.7%	0%	33.6%	3.3%	41.8%	0%	45.1%	13.1%	8.2%	0%	21.3%	-
PHF	0.778	0.542	-	0.683	0.500	0.750	-	0.809	0.800	0.500	-	0.650	0.847
Lights and Motorcycles	28	12	0	40	4	51	0	55	16	10	0	26	121
% Lights and Motorcycles	100%	92.3%	0%	97.6%	100%	100%	0%	100%	100%	100%	0%	100%	99.2%
Heavy	0	1	0	1	0	0	0	0	0	0	0	0	1
% Heavy	0%	7.7%	0%	2.4%	0%	0%	0%	0%	0%	0%	0%	0%	0.8%

* L: Left, R: Right, T: Thru, U: U-Turn

171ST ST & MILL CREEK RD - TMC

Wed Jan 23, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619253, Location: 40.036724, -86.061196, Site Code: I-154



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-01-23 6:30AM	7	0	0	7	0	3	0	3	7	1	0	8	18
6:45AM	12	1	0	13	3	3	0	6	10	3	0	13	32
Hourly Total	19	1	0	20	3	6	0	9	17	4	0	21	50
7:00AM	10	2	0	12	0	5	0	5	10	2	0	12	29
7:15AM	11	3	0	14	0	5	0	5	11	1	0	12	31
7:30AM	6	2	0	8	4	6	0	10	9	4	0	13	31
7:45AM	7	3	0	10	1	4	0	5	9	2	0	11	26
Hourly Total	34	10	0	44	5	20	0	25	39	9	0	48	117
8:00AM	5	1	0	6	0	5	0	5	19	0	0	19	30
8:15AM	4	3	0	7	3	2	0	5	9	2	0	11	23
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	9	4	0	13	3	7	0	10	28	2	0	30	53
3:00PM	4	8	0	12	3	7	0	10	2	2	0	4	26
3:15PM	4	7	0	11	3	7	0	10	8	8	0	16	37
3:30PM	4	7	0	11	2	6	0	8	5	2	0	7	26
3:45PM	8	11	0	19	1	12	0	13	6	1	0	7	39
Hourly Total	20	33	0	53	9	32	0	41	21	13	0	34	128
4:00PM	6	12	0	18	2	4	0	6	7	3	0	10	34
4:15PM	4	8	0	12	0	4	0	4	6	4	0	10	26
4:30PM	12	11	0	23	0	8	0	8	5	1	0	6	37
4:45PM	12	12	0	24	0	12	0	12	7	0	0	7	43
Hourly Total	34	43	0	77	2	28	0	30	25	8	0	33	140
5:00PM	8	11	0	19	3	8	0	11	8	0	0	8	38
5:15PM	8	18	0	26	1	7	0	8	4	3	0	7	41
5:30PM	9	14	0	23	3	11	0	14	4	1	0	5	42
5:45PM	6	8	0	14	0	7	0	7	2	2	0	4	25
Hourly Total	31	51	0	82	7	33	0	40	18	6	0	24	146
6:00PM	8	5	0	13	3	7	0	10	8	0	0	8	31
6:15PM	8	10	0	18	3	4	0	7	3	1	0	4	29
6:30PM	3	4	0	7	0	15	0	15	1	1	0	2	24
6:45PM	7	8	0	15	2	10	0	12	4	1	0	5	32
Hourly Total	26	27	0	53	8	36	0	44	16	3	0	19	116
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	173	169	0	342	37	162	0	199	164	45	0	209	750
% Approach	50.6%	49.4%	0%	-	18.6%	81.4%	0%	-	78.5%	21.5%	0%	-	-
% Total	23.1%	22.5%	0%	45.6%	4.9%	21.6%	0%	26.5%	21.9%	6.0%	0%	27.9%	-
Lights and Motorcycles	168	165	0	333	33	158	0	191	156	39	0	195	719
% Lights and Motorcycles	97.1%	97.6%	0%	97.4%	89.2%	97.5%	0%	96.0%	95.1%	86.7%	0%	93.3%	95.9%
Heavy	5	4	0	9	4	4	0	8	8	6	0	14	31
% Heavy	2.9%	2.4%	0%	2.6%	10.8%	2.5%	0%	4.0%	4.9%	13.3%	0%	6.7%	4.1%

*L: Left, R: Right, T: Thru, U: U-Turn

171ST ST & MILL CREEK RD - TMC

Wed Jan 23, 2019

AM Peak (6:45 AM - 7:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619253, Location: 40.036724, -86.061196, Site Code: I-154



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-01-23 6:45AM	12	1	0	13	3	3	0	6	10	3	0	13	32
7:00AM	10	2	0	12	0	5	0	5	10	2	0	12	29
7:15AM	11	3	0	14	0	5	0	5	11	1	0	12	31
7:30AM	6	2	0	8	4	6	0	10	9	4	0	13	31
Total	39	8	0	47	7	19	0	26	40	10	0	50	123
% Approach	83.0%	17.0%	0%	-	26.9%	73.1%	0%	-	80.0%	20.0%	0%	-	-
% Total	31.7%	6.5%	0%	38.2%	5.7%	15.4%	0%	21.1%	32.5%	8.1%	0%	40.7%	-
PHF	0.813	0.667	-	0.839	0.438	0.792	-	0.650	0.909	0.625	-	0.962	0.961
Lights and Motorcycles	38	6	0	44	7	18	0	25	40	10	0	50	119
% Lights and Motorcycles	97.4%	75.0%	0%	93.6%	100%	94.7%	0%	96.2%	100%	100%	0%	100%	96.7%
Heavy	1	2	0	3	0	1	0	1	0	0	0	0	4
% Heavy	2.6%	25.0%	0%	6.4%	0%	5.3%	0%	3.8%	0%	0%	0%	0%	3.3%

* L: Left, R: Right, T: Thru, U: U-Turn

171ST ST & MILL CREEK RD - TMC

Wed Jan 23, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619253, Location: 40.036724, -86.061196, Site Code: I-154



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-01-23 4:45PM	12	12	0	24	0	12	0	12	7	0	0	7	43
5:00PM	8	11	0	19	3	8	0	11	8	0	0	8	38
5:15PM	8	18	0	26	1	7	0	8	4	3	0	7	41
5:30PM	9	14	0	23	3	11	0	14	4	1	0	5	42
Total	37	55	0	92	7	38	0	45	23	4	0	27	164
% Approach	40.2%	59.8%	0%	-	15.6%	84.4%	0%	-	85.2%	14.8%	0%	-	-
% Total	22.6%	33.5%	0%	56.1%	4.3%	23.2%	0%	27.4%	14.0%	2.4%	0%	16.5%	-
PHF	0.771	0.764	-	0.885	0.583	0.792	-	0.804	0.719	0.333	-	0.844	0.953
Lights and Motorcycles	36	55	0	91	7	38	0	45	22	4	0	26	162
% Lights and Motorcycles	97.3%	100%	0%	98.9%	100%	100%	0%	100%	95.7%	100%	0%	96.3%	98.8%
Heavy	1	0	0	1	0	0	0	0	1	0	0	1	2
% Heavy	2.7%	0%	0%	1.1%	0%	0%	0%	0%	4.3%	0%	0%	3.7%	1.2%

* L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & GRAY RD - TMC

Thu Sep 27, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619710, Location: 40.032901, -86.089761, Site Code: i-155



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-27																					
3:00PM	4	25	5	0	34	4	22	3	0	29	5	14	1	0	20	3	11	6	0	20	103
3:15PM	3	41	6	0	50	4	26	5	0	35	7	15	3	0	25	4	10	3	0	17	127
3:30PM	8	48	9	0	65	2	23	2	0	27	7	25	4	0	36	3	15	5	0	23	151
3:45PM	5	47	10	0	62	4	19	3	0	26	6	22	2	0	30	9	16	7	0	32	150
Hourly Total	20	161	30	0	211	14	90	13	0	117	25	76	10	0	111	19	52	21	0	92	531
4:00PM	4	41	7	0	52	6	21	1	0	28	2	22	3	0	27	7	12	6	0	25	132
4:15PM	5	38	9	0	52	3	18	4	0	25	5	20	5	0	30	4	8	5	0	17	124
4:30PM	3	43	4	0	50	3	29	3	0	35	11	27	1	0	39	2	19	7	0	28	152
4:45PM	4	40	8	0	52	6	24	4	0	34	4	31	4	0	39	2	15	6	0	23	148
Hourly Total	16	162	28	0	206	18	92	12	0	122	22	100	13	0	135	15	54	24	0	93	556
5:00PM	7	45	10	0	62	7	33	3	0	43	8	30	1	0	39	6	20	8	0	34	178
5:15PM	6	69	9	0	84	1	46	2	0	49	10	26	3	0	39	10	17	9	0	36	208
5:30PM	4	56	8	0	68	13	29	4	0	46	7	20	6	0	33	1	19	5	0	25	172
5:45PM	4	52	9	0	65	4	27	1	0	32	7	32	4	0	43	4	17	6	0	27	167
Hourly Total	21	222	36	0	279	25	135	10	0	170	32	108	14	0	154	21	73	28	0	122	725
6:00PM	6	42	7	0	55	8	28	5	0	41	8	22	3	0	33	2	19	8	0	29	158
6:15PM	3	36	3	0	42	7	19	5	0	31	7	29	5	0	41	10	13	3	0	26	140
6:30PM	3	51	8	0	62	5	30	2	0	37	3	16	2	0	21	5	11	4	0	20	140
6:45PM	1	39	5	0	45	2	32	4	0	38	6	12	2	0	20	2	16	0	0	18	121
Hourly Total	13	168	23	0	204	22	109	16	0	147	24	79	12	0	115	19	59	15	0	93	559
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1
2018-09-28																					
6:30AM	0	4	0	0	4	4	22	4	0	30	3	9	0	0	12	5	10	2	0	17	63
6:45AM	1	7	1	0	9	0	22	6	0	28	2	8	3	0	13	7	15	2	0	24	74
Hourly Total	1	11	1	0	13	4	44	10	0	58	5	17	3	0	25	12	25	4	0	41	137
7:00AM	3	12	3	0	18	4	25	5	0	34	1	10	1	0	12	14	16	2	0	32	96
7:15AM	3	16	1	0	20	3	60	2	0	65	1	10	7	0	18	13	25	2	0	40	143
7:30AM	2	25	3	0	30	6	60	3	0	69	5	17	10	0	32	8	17	2	0	27	158
7:45AM	3	15	3	0	21	5	46	1	0	52	4	10	5	0	19	10	14	7	0	31	123
Hourly Total	11	68	10	0	89	18	191	11	0	220	11	47	23	0	81	45	72	13	0	130	520
8:00AM	3	13	2	0	18	5	37	5	0	47	2	10	2	0	14	16	17	3	0	36	115
8:15AM	6	15	8	0	29	5	41	6	0	52	3	8	6	0	17	8	18	4	0	30	128
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	9	28	10	0	47	10	78	11	0	99	5	18	8	0	31	24	35	7	0	66	243
Total	91	820	138	0	1049	111	739	83	0	933	124	445	83	0	652	155	371	112	0	638	3272
% Approach	8.7%	78.2%	13.2%	0%	-	11.9%	79.2%	8.9%	0%	-	19.0%	68.3%	12.7%	0%	-	24.3%	58.2%	17.6%	0%	-	-
% Total	2.8%	25.1%	4.2%	0%	32.1%	3.4%	22.6%	2.5%	0%	28.5%	3.8%	13.6%	2.5%	0%	19.9%	4.7%	11.3%	3.4%	0%	19.5%	-
Lights and Motorcycles	83	806	131	0	1020	105	731	80	0	916	120	432	81	0	633	150	358	108	0	616	3185
% Lights and Motorcycles	91.2%	98.3%	94.9%	0%	97.2%	94.6%	98.9%	96.4%	0%	98.2%	96.8%	97.1%	97.6%	0%	97.1%	96.8%	96.5%	96.4%	0%	96.6%	97.3%
Heavy	8	14	7	0	29	6	8	3	0	17	4	13	2	0	19	5	13	4	0	22	87
% Heavy	8.8%	1.7%	5.1%	0%	2.8%	5.4%	1.1%	3.6%	0%	1.8%	3.2%	2.9%	2.4%	0%	2.9%	3.2%	3.5%	3.6%	0%	3.4%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & GRAY RD - TMC

Fri Sep 28, 2018

AM Peak (Sep 28 2018 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619710, Location: 40.032901, -86.089761, Site Code: i-155



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-28																					
7:15AM	3	16	1	0	20	3	60	2	0	65	1	10	7	0	18	13	25	2	0	40	143
7:30AM	2	25	3	0	30	6	60	3	0	69	5	17	10	0	32	8	17	2	0	27	158
7:45AM	3	15	3	0	21	5	46	1	0	52	4	10	5	0	19	10	14	7	0	31	123
8:00AM	3	13	2	0	18	5	37	5	0	47	2	10	2	0	14	16	17	3	0	36	115
Total	11	69	9	0	89	19	203	11	0	233	12	47	24	0	83	47	73	14	0	134	539
% Approach	12.4%	77.5%	10.1%	0%	-	8.2%	87.1%	4.7%	0%	-	14.5%	56.6%	28.9%	0%	-	35.1%	54.5%	10.4%	0%	-	-
% Total	2.0%	12.8%	1.7%	0%	16.5%	3.5%	37.7%	2.0%	0%	43.2%	2.2%	8.7%	4.5%	0%	15.4%	8.7%	13.5%	2.6%	0%	24.9%	-
PHF	0.917	0.690	0.750	-	0.742	0.792	0.846	0.550	-	0.844	0.600	0.691	0.600	-	0.648	0.734	0.730	0.500	-	0.838	0.853
Lights and Motorcycles	10	69	6	0	85	18	203	11	0	232	11	46	24	0	81	46	71	13	0	130	528
% Lights and Motorcycles	90.9%	100%	66.7%	0%	95.5%	94.7%	100%	100%	0%	99.6%	91.7%	97.9%	100%	0%	97.6%	97.9%	97.3%	92.9%	0%	97.0%	98.0%
Heavy	1	0	3	0	4	1	0	0	0	1	1	1	0	0	2	1	2	1	0	4	11
% Heavy	9.1%	0%	33.3%	0%	4.5%	5.3%	0%	0%	0%	0.4%	8.3%	2.1%	0%	0%	2.4%	2.1%	2.7%	7.1%	0%	3.0%	2.0%

*L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & GRAY RD - TMC

Thu Sep 27, 2018

PM Peak (Sep 27 2018 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619710, Location: 40.032901, -86.089761, Site Code: i-155



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-09-27																						
5:00PM	7	45	10	0	62	7	33	3	0	43	8	30	1	0	39	6	20	8	0	34	178	
5:15PM	6	69	9	0	84	1	46	2	0	49	10	26	3	0	39	10	17	9	0	36	208	
5:30PM	4	56	8	0	68	13	29	4	0	46	7	20	6	0	33	1	19	5	0	25	172	
5:45PM	4	52	9	0	65	4	27	1	0	32	7	32	4	0	43	4	17	6	0	27	167	
Total	21	222	36	0	279	25	135	10	0	170	32	108	14	0	154	21	73	28	0	122	725	
% Approach	7.5%	79.6%	12.9%	0%	-	14.7%	79.4%	5.9%	0%	-	20.8%	70.1%	9.1%	0%	-	17.2%	59.8%	23.0%	0%	-	-	
% Total	2.9%	30.6%	5.0%	0%	38.5%	3.4%	18.6%	1.4%	0%	23.4%	4.4%	14.9%	1.9%	0%	21.2%	2.9%	10.1%	3.9%	0%	16.8%	-	
PHF	0.750	0.804	0.900	-	0.830	0.481	0.734	0.625	-	0.867	0.800	0.844	0.583	-	0.895	0.525	0.913	0.778	-	0.847	0.871	
Lights and Motorcycles	20	220	36	0	276	24	135	10	0	169	32	103	14	0	149	20	71	27	0	118	712	
% Lights and Motorcycles	95.2%	99.1%	100%	0%	98.9%	96.0%	100%	100%	0%	99.4%	100%	95.4%	100%	0%	96.8%	95.2%	97.3%	96.4%	0%	96.7%	98.2%	
Heavy	1	2	0	0	3	1	0	0	0	1	0	5	0	0	5	1	2	1	0	4	13	
% Heavy	4.8%	0.9%	0%	0%	1.1%	4.0%	0%	0%	0%	0.6%	0%	4.6%	0%	0%	3.2%	4.8%	2.7%	3.6%	0%	3.3%	1.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

169TH & HAZEL DELL RD - TMC

Wed Jan 23, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619263, Location: 40.033037, -86.0708, Site Code: i-156



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-23																					
6:30AM	1	34	0	0	35	1	109	1	0	111	8	0	5	0	13	5	3	1	0	9	168
6:45AM	2	65	0	0	67	0	118	6	0	124	15	0	17	0	32	7	3	3	0	13	236
Hourly Total	3	99	0	0	102	1	227	7	0	235	23	0	22	0	45	12	6	4	0	22	404
7:00AM	3	72	1	0	76	1	142	4	0	147	9	0	13	0	22	4	3	5	0	12	257
7:15AM	7	65	4	0	76	0	146	4	0	150	3	2	17	0	22	5	3	1	0	9	257
7:30AM	6	76	1	0	83	1	171	6	0	178	15	3	18	0	36	11	6	2	0	19	316
7:45AM	8	67	0	0	75	0	129	8	0	137	7	2	20	0	29	3	6	4	0	13	254
Hourly Total	24	280	6	0	310	2	588	22	0	612	34	7	68	0	109	23	18	12	0	53	1084
8:00AM	12	74	1	0	87	1	121	9	0	131	7	3	24	0	34	10	11	3	0	24	276
8:15AM	6	104	3	0	113	1	145	10	0	156	4	1	19	0	24	6	3	3	0	12	305
8:30AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	18	178	5	0	201	2	266	19	0	287	11	4	43	0	58	16	14	6	0	36	582
3:00PM	13	84	4	0	101	1	83	7	0	91	6	2	3	0	11	0	0	3	0	3	206
3:15PM	11	101	7	0	119	3	74	2	0	79	5	1	8	0	14	2	5	3	0	10	222
3:30PM	10	114	7	1	132	1	84	11	0	96	4	4	13	0	21	6	4	1	0	11	260
3:45PM	13	111	5	0	129	1	88	6	0	95	4	8	18	0	30	2	1	3	0	6	260
Hourly Total	47	410	23	1	481	6	329	26	0	361	19	15	42	0	76	10	10	10	0	30	948
4:00PM	14	116	5	1	136	0	74	5	0	79	8	8	13	0	29	2	3	2	0	7	251
4:15PM	13	126	10	0	149	1	108	11	0	120	4	2	15	0	21	4	1	4	0	9	299
4:30PM	16	148	5	0	169	3	108	6	0	117	8	9	11	0	28	5	1	6	0	12	326
4:45PM	28	161	3	0	192	2	117	5	0	124	9	6	12	0	27	3	6	0	0	9	352
Hourly Total	71	551	23	1	646	6	407	27	0	440	29	25	51	0	105	14	11	12	0	37	1228
5:00PM	18	189	12	0	219	4	105	9	0	118	5	4	15	0	24	1	3	4	0	8	369
5:15PM	21	183	6	0	210	2	91	16	0	109	15	8	20	0	43	2	1	2	0	5	367
5:30PM	16	158	9	0	183	0	95	8	0	103	5	5	12	0	22	5	3	2	0	10	318
5:45PM	12	162	4	0	178	2	83	11	0	96	11	8	15	0	34	0	1	6	0	7	315
Hourly Total	67	692	31	0	790	8	374	44	0	426	36	25	62	0	123	8	8	14	0	30	1369
6:00PM	20	140	4	0	164	2	75	8	1	86	7	8	10	0	25	1	2	2	0	5	280
6:15PM	14	121	5	0	140	0	94	4	0	98	8	3	4	0	15	2	1	0	0	3	256
6:30PM	10	99	5	0	114	1	74	9	0	84	4	0	11	0	15	1	0	3	0	4	217
6:45PM	9	81	8	0	98	0	68	5	0	73	6	0	7	0	13	6	0	1	0	7	191
Hourly Total	53	441	22	0	516	3	311	26	1	341	25	11	32	0	68	10	3	6	0	19	944
Total	283	2651	110	2	3046	28	2502	171	1	2702	177	87	320	0	584	93	70	64	0	227	6559
% Approach	9.3%	87.0%	3.6%	0.1%	-	1.0%	92.6%	6.3%	0%	-	30.3%	14.9%	54.8%	0%	-	41.0%	30.8%	28.2%	0%	-	-
% Total	4.3%	40.4%	1.7%	0%	46.4%	0.4%	38.1%	2.6%	0%	41.2%	2.7%	1.3%	4.9%	0%	8.9%	1.4%	1.1%	1.0%	0%	3.5%	-
Lights and Motorcycles	282	2609	106	2	2999	26	2461	162	1	2650	171	87	315	0	573	87	68	59	0	214	6436
% Lights and Motorcycles	99.6%	98.4%	96.4%	100%	98.5%	92.9%	98.4%	94.7%	100%	98.1%	96.6%	100%	98.4%	0%	98.1%	93.5%	97.1%	92.2%	0%	94.3%	98.1%
Heavy	1	42	4	0	47	2	41	9	0	52	6	0	5	0	11	6	2	5	0	13	123
% Heavy	0.4%	1.6%	3.6%	0%	1.5%	7.1%	1.6%	5.3%	0%	1.9%	3.4%	0%	1.6%	0%	1.9%	6.5%	2.9%	7.8%	0%	5.7%	1.9%

*L: Left, R: Right, T: Thru, U: U-Turn

169TH & HAZEL DELL RD - TMC

Wed Jan 23, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619263, Location: 40.033037, -86.0708, Site Code: i-156



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-23																						
7:30AM	6	76	1	0	83	1	171	6	0	178	15	3	18	0	36	11	6	2	0	19	316	
7:45AM	8	67	0	0	75	0	129	8	0	137	7	2	20	0	29	3	6	4	0	13	254	
8:00AM	12	74	1	0	87	1	121	9	0	131	7	3	24	0	34	10	11	3	0	24	276	
8:15AM	6	104	3	0	113	1	145	10	0	156	4	1	19	0	24	6	3	3	0	12	305	
Total	32	321	5	0	358	3	566	33	0	602	33	9	81	0	123	30	26	12	0	68	1151	
% Approach	8.9%	89.7%	1.4%	0%	-	0.5%	94.0%	5.5%	0%	-	26.8%	7.3%	65.9%	0%	-	44.1%	38.2%	17.6%	0%	-	-	
% Total	2.8%	27.9%	0.4%	0%	31.1%	0.3%	49.2%	2.9%	0%	52.3%	2.9%	0.8%	7.0%	0%	10.7%	2.6%	2.3%	1.0%	0%	5.9%	-	
PHF	0.667	0.772	0.417	-	0.792	0.750	0.827	0.825	-	0.846	0.550	0.750	0.844	-	0.854	0.682	0.591	0.750	-	0.708	0.911	
Lights and Motorcycles	31	308	5	0	344	3	555	30	0	588	32	9	78	0	119	28	26	12	0	66	1117	
% Lights and Motorcycles	96.9%	96.0%	100%	0%	96.1%	100%	98.1%	90.9%	0%	97.7%	97.0%	100%	96.3%	0%	96.7%	93.3%	100%	100%	0%	97.1%	97.0%	
Heavy	1	13	0	0	14	0	11	3	0	14	1	0	3	0	4	2	0	0	0	2	34	
% Heavy	3.1%	4.0%	0%	0%	3.9%	0%	1.9%	9.1%	0%	2.3%	3.0%	0%	3.7%	0%	3.3%	6.7%	0%	0%	0%	2.9%	3.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

169TH & HAZEL DELL RD - TMC

Wed Jan 23, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619263, Location: 40.033037, -86.0708, Site Code: i-156



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-23																						
4:30PM	16	148	5	0	169	3	108	6	0	117	8	9	11	0	28	5	1	6	0	12	326	
4:45PM	28	161	3	0	192	2	117	5	0	124	9	6	12	0	27	3	6	0	0	9	352	
5:00PM	18	189	12	0	219	4	105	9	0	118	5	4	15	0	24	1	3	4	0	8	369	
5:15PM	21	183	6	0	210	2	91	16	0	109	15	8	20	0	43	2	1	2	0	5	367	
Total	83	681	26	0	790	11	421	36	0	468	37	27	58	0	122	11	11	12	0	34	1414	
% Approach	10.5%	86.2%	3.3%	0%	-	2.4%	90.0%	7.7%	0%	-	30.3%	22.1%	47.5%	0%	-	32.4%	32.4%	35.3%	0%	-	-	
% Total	5.9%	48.2%	1.8%	0%	55.9%	0.8%	29.8%	2.5%	0%	33.1%	2.6%	1.9%	4.1%	0%	8.6%	0.8%	0.8%	0.8%	0%	2.4%	-	
PHF	0.741	0.901	0.542	-	0.902	0.688	0.900	0.563	-	0.944	0.617	0.750	0.725	-	0.709	0.550	0.458	0.500	-	0.708	0.958	
Lights and Motorcycles	83	676	26	0	785	11	416	35	0	462	37	27	58	0	122	10	11	11	0	32	1401	
% Lights and Motorcycles	100%	99.3%	100%	0%	99.4%	100%	98.8%	97.2%	0%	98.7%	100%	100%	100%	0%	100%	90.9%	100%	91.7%	0%	94.1%	99.1%	
Heavy	0	5	0	0	5	0	5	1	0	6	0	0	0	0	0	1	0	1	0	2	13	
% Heavy	0%	0.7%	0%	0%	0.6%	0%	1.2%	2.8%	0%	1.3%	0%	0%	0%	0%	0%	9.1%	0%	8.3%	0%	5.9%	0.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

169TH & MILL CREEK RD (SEMINOLE RD) - TMC

Wed Jan 23, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619264, Location: 40.033036, -86.061196, Site Code: i-157



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-01-23 6:30AM	1	4	0	5	4	6	0	10	3	0	0	3	18
6:45AM	0	12	0	12	4	7	0	11	2	0	0	2	25
Hourly Total	1	16	0	17	8	13	0	21	5	0	0	5	43
7:00AM	0	5	0	5	10	8	0	18	6	1	0	7	30
7:15AM	1	7	0	8	9	6	0	15	7	1	0	8	31
7:30AM	0	3	0	3	3	12	0	15	5	0	0	5	23
7:45AM	1	5	0	6	4	11	0	15	5	0	0	5	26
Hourly Total	2	20	0	22	26	37	0	63	23	2	0	25	110
8:00AM	0	2	0	2	12	16	0	28	3	0	0	3	33
8:15AM	1	3	0	4	5	7	0	12	4	1	0	5	21
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	5	0	6	17	23	0	40	7	1	0	8	54
3:00PM	0	3	0	3	6	2	0	8	8	0	0	8	19
3:15PM	1	7	0	8	5	10	0	15	5	1	0	6	29
3:30PM	0	3	0	3	4	7	0	11	8	0	0	8	22
3:45PM	0	7	0	7	6	11	0	17	10	0	0	10	34
Hourly Total	1	20	0	21	21	30	0	51	31	1	0	32	104
4:00PM	0	9	0	9	5	7	0	12	8	0	0	8	29
4:15PM	0	7	0	7	5	5	0	10	4	0	0	4	21
4:30PM	0	13	0	13	2	9	0	11	11	1	0	12	36
4:45PM	0	10	0	10	8	9	0	17	14	2	0	16	43
Hourly Total	0	39	0	39	20	30	0	50	37	3	0	40	129
5:00PM	1	6	0	7	8	10	0	18	13	0	0	13	38
5:15PM	0	12	0	12	5	5	0	10	15	1	0	16	38
5:30PM	0	15	0	15	6	9	0	15	9	2	0	11	41
5:45PM	0	5	0	5	5	3	0	8	9	1	0	10	23
Hourly Total	1	38	0	39	24	27	0	51	46	4	0	50	140
6:00PM	0	5	0	5	8	7	0	15	8	1	0	9	29
6:15PM	0	8	0	8	4	3	0	7	10	1	0	11	26
6:30PM	1	3	0	4	8	4	0	12	3	0	0	3	19
6:45PM	0	5	0	5	8	7	0	15	10	0	0	10	30
Hourly Total	1	21	0	22	28	21	0	49	31	2	0	33	104
Total	7	159	0	166	144	181	0	325	180	13	0	193	684
% Approach	4.2%	95.8%	0%	-	44.3%	55.7%	0%	-	93.3%	6.7%	0%	-	-
% Total	1.0%	23.2%	0%	24.3%	21.1%	26.5%	0%	47.5%	26.3%	1.9%	0%	28.2%	-
Lights and Motorcycles	6	155	0	161	137	173	0	310	176	12	0	188	659
% Lights and Motorcycles	85.7%	97.5%	0%	97.0%	95.1%	95.6%	0%	95.4%	97.8%	92.3%	0%	97.4%	96.3%
Heavy	1	4	0	5	7	8	0	15	4	1	0	5	25
% Heavy	14.3%	2.5%	0%	3.0%	4.9%	4.4%	0%	4.6%	2.2%	7.7%	0%	2.6%	3.7%

*L: Left, R: Right, T: Thru, U: U-Turn

169TH & MILL CREEK RD (SEMINOLE RD) - TMC

Wed Jan 23, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619264, Location: 40.033036, -86.061196, Site Code: i-157



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-01-23 7:15AM	1	7	0	8	9	6	0	15	7	1	0	8	31
7:30AM	0	3	0	3	3	12	0	15	5	0	0	5	23
7:45AM	1	5	0	6	4	11	0	15	5	0	0	5	26
8:00AM	0	2	0	2	12	16	0	28	3	0	0	3	33
Total	2	17	0	19	28	45	0	73	20	1	0	21	113
% Approach	10.5%	89.5%	0%	-	38.4%	61.6%	0%	-	95.2%	4.8%	0%	-	-
% Total	1.8%	15.0%	0%	16.8%	24.8%	39.8%	0%	64.6%	17.7%	0.9%	0%	18.6%	-
PHF	0.500	0.607	-	0.594	0.583	0.703	-	0.652	0.714	0.250	-	0.656	0.856
Lights and Motorcycles	2	17	0	19	26	43	0	69	20	1	0	21	109
% Lights and Motorcycles	100%	100%	0%	100%	92.9%	95.6%	0%	94.5%	100%	100%	0%	100%	96.5%
Heavy	0	0	0	0	2	2	0	4	0	0	0	0	4
% Heavy	0%	0%	0%	0%	7.1%	4.4%	0%	5.5%	0%	0%	0%	0%	3.5%

* L: Left, R: Right, T: Thru, U: U-Turn

169TH & MILL CREEK RD (SEMINOLE RD) - TMC

Wed Jan 23, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619264, Location: 40.033036, -86.061196, Site Code: i-157



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-01-23 4:45PM	0	10	0	10	8	9	0	17	14	2	0	16	43
5:00PM	1	6	0	7	8	10	0	18	13	0	0	13	38
5:15PM	0	12	0	12	5	5	0	10	15	1	0	16	38
5:30PM	0	15	0	15	6	9	0	15	9	2	0	11	41
Total	1	43	0	44	27	33	0	60	51	5	0	56	160
% Approach	2.3%	97.7%	0%	-	45.0%	55.0%	0%	-	91.1%	8.9%	0%	-	-
% Total	0.6%	26.9%	0%	27.5%	16.9%	20.6%	0%	37.5%	31.9%	3.1%	0%	35.0%	-
PHF	0.250	0.717	-	0.733	0.844	0.825	-	0.833	0.850	0.625	-	0.875	0.930
Lights and Motorcycles	1	43	0	44	27	32	0	59	50	5	0	55	158
% Lights and Motorcycles	100%	100%	0%	100%	100%	97.0%	0%	98.3%	98.0%	100%	0%	98.2%	98.8%
Heavy	0	0	0	0	0	1	0	1	1	0	0	1	2
% Heavy	0%	0%	0%	0%	0%	3.0%	0%	1.7%	2.0%	0%	0%	1.8%	1.3%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & 10TH ST - TMC

Tue Jan 15, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641319, Location: 40.035396, -86.012072, Site Code: i-158



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-15																						
6:30AM	0	16	2	0	18	14	19	0	0	33	4	41	5	0	50	10	42	15	1	68	169	
6:45AM	1	28	6	0	35	17	31	0	0	48	2	49	6	0	57	9	48	17	1	75	215	
Hourly Total	1	44	8	0	53	31	50	0	0	81	6	90	11	0	107	19	90	32	2	143	384	
7:00AM	0	44	8	0	52	7	49	1	0	57	5	31	7	0	43	19	56	24	2	101	253	
7:15AM	1	43	8	0	52	10	71	0	0	81	3	46	9	0	58	25	37	21	0	83	274	
7:30AM	0	34	4	0	38	25	63	2	0	90	6	49	10	0	65	21	61	22	2	106	299	
7:45AM	5	35	11	0	51	16	45	1	1	63	5	52	9	0	66	29	72	30	2	133	313	
Hourly Total	6	156	31	0	193	58	228	4	1	291	19	178	35	0	232	94	226	97	6	423	1139	
8:00AM	1	47	10	0	58	23	43	5	0	71	6	53	11	0	70	23	47	36	8	114	313	
8:15AM	3	41	21	0	65	20	33	1	0	54	6	60	11	0	77	16	39	29	6	90	286	
Hourly Total	4	88	31	0	123	43	76	6	0	125	12	113	22	0	147	39	86	65	14	204	599	
3:00PM	3	57	17	0	77	20	33	3	1	57	2	66	3	0	71	16	45	20	1	82	287	
3:15PM	5	59	22	1	87	15	34	1	0	50	2	67	15	0	84	23	41	22	2	88	309	
3:30PM	5	64	17	0	86	19	30	3	1	53	3	53	7	0	63	27	41	36	0	104	306	
3:45PM	5	78	16	0	99	21	26	4	1	52	4	56	5	0	65	15	56	28	1	100	316	
Hourly Total	18	258	72	1	349	75	123	11	3	212	11	242	30	0	283	81	183	106	4	374	1218	
4:00PM	3	83	21	1	108	23	31	4	1	59	6	67	8	0	81	25	51	47	4	127	375	
4:15PM	3	74	25	1	103	32	39	0	0	71	3	68	9	0	80	19	35	28	5	87	341	
4:30PM	1	83	14	0	98	32	50	3	0	85	8	93	10	0	111	15	57	38	0	110	404	
4:45PM	6	66	30	1	103	20	46	2	2	70	7	78	9	0	94	15	49	26	1	91	358	
Hourly Total	13	306	90	3	412	107	166	9	3	285	24	306	36	0	366	74	192	139	10	415	1478	
5:00PM	2	77	24	1	104	28	41	2	0	71	3	90	18	0	111	18	40	36	4	98	384	
5:15PM	4	93	20	0	117	28	45	3	0	76	4	90	13	0	107	14	55	43	2	114	414	
5:30PM	3	84	19	0	106	16	44	1	1	62	9	74	3	0	86	10	44	35	2	91	345	
5:45PM	3	63	16	1	83	25	26	3	0	54	4	66	13	1	84	17	34	28	2	81	302	
Hourly Total	12	317	79	2	410	97	156	9	1	263	20	320	47	1	388	59	173	142	10	384	1445	
6:00PM	2	62	18	0	82	19	25	2	0	46	5	62	4	0	71	11	51	38	1	101	300	
6:15PM	1	53	12	0	66	25	24	3	1	53	2	62	2	0	66	10	42	32	3	87	272	
6:30PM	6	35	16	1	58	13	24	1	0	38	5	44	6	0	55	12	34	30	3	79	230	
6:45PM	2	48	11	0	61	11	20	1	0	32	3	37	6	0	46	5	34	22	0	61	200	
Hourly Total	11	198	57	1	267	68	93	7	1	169	15	205	18	0	238	38	161	122	7	328	1002	
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Total	65	1367	368	7	1807	479	892	46	9	1426	107	1454	199	1	1761	404	1111	703	53	2271	7265	
% Approach	3.6%	75.7%	20.4%	0.4%	-	33.6%	62.6%	3.2%	0.6%	-	6.1%	82.6%	11.3%	0.1%	-	17.8%	48.9%	31.0%	2.3%	-	-	
% Total	0.9%	18.8%	5.1%	0.1%	24.9%	6.6%	12.3%	0.6%	0.1%	19.6%	1.5%	20.0%	2.7%	0%	24.2%	5.6%	15.3%	9.7%	0.7%	31.3%	-	
Lights and Motorcycles	65	1348	358	7	1778	463	871	42	9	1385	104	1424	194	1	1723	395	1096	688	51	2230	7116	
% Lights and Motorcycles	100%	98.6%	97.3%	100%	98.4%	96.7%	97.6%	91.3%	100%	97.1%	97.2%	97.9%	97.5%	100%	97.8%	97.8%	98.6%	97.9%	96.2%	98.2%	97.9%	
Heavy	0	19	10	0	29	16	21	4	0	41	3	30	5	0	38	9	15	15	2	41	149	
% Heavy	0%	1.4%	2.7%	0%	1.6%	3.3%	2.4%	8.7%	0%	2.9%	2.8%	2.1%	2.5%	0%	2.2%	2.2%	1.4%	2.1%	3.8%	1.8%	2.1%	

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & 10TH ST - TMC

Tue Jan 15, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641319, Location: 40.035396, -86.012072, Site Code: i-158



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-15																						
7:30AM	0	34	4	0	38	25	63	2	0	90	6	49	10	0	65	21	61	22	2	106	299	
7:45AM	5	35	11	0	51	16	45	1	1	63	5	52	9	0	66	29	72	30	2	133	313	
8:00AM	1	47	10	0	58	23	43	5	0	71	6	53	11	0	70	23	47	36	8	114	313	
8:15AM	3	41	21	0	65	20	33	1	0	54	6	60	11	0	77	16	39	29	6	90	286	
Total	9	157	46	0	212	84	184	9	1	278	23	214	41	0	278	89	219	117	18	443	1211	
% Approach	4.2%	74.1%	21.7%	0%	-	30.2%	66.2%	3.2%	0.4%	-	8.3%	77.0%	14.7%	0%	-	20.1%	49.4%	26.4%	4.1%	-	-	
% Total	0.7%	13.0%	3.8%	0%	17.5%	6.9%	15.2%	0.7%	0.1%	23.0%	1.9%	17.7%	3.4%	0%	23.0%	7.3%	18.1%	9.7%	1.5%	36.6%	-	
PHF	0.450	0.835	0.548	-	0.815	0.840	0.730	0.450	0.250	0.772	0.958	0.892	0.932	-	0.903	0.767	0.760	0.813	0.563	0.833	0.967	
Lights and Motorcycles	9	154	42	0	205	78	179	7	1	265	21	205	40	0	266	88	217	109	17	431	1167	
% Lights and Motorcycles	100%	98.1%	91.3%	0%	96.7%	92.9%	97.3%	77.8%	100%	95.3%	91.3%	95.8%	97.6%	0%	95.7%	98.9%	99.1%	93.2%	94.4%	97.3%	96.4%	
Heavy	0	3	4	0	7	6	5	2	0	13	2	9	1	0	12	1	2	8	1	12	44	
% Heavy	0%	1.9%	8.7%	0%	3.3%	7.1%	2.7%	22.2%	0%	4.7%	8.7%	4.2%	2.4%	0%	4.3%	1.1%	0.9%	6.8%	5.6%	2.7%	3.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & 10TH ST - TMC

Tue Jan 15, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641319, Location: 40.035396, -86.012072, Site Code: i-158



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-15																					
4:30PM	1	83	14	0	98	32	50	3	0	85	8	93	10	0	111	15	57	38	0	110	404
4:45PM	6	66	30	1	103	20	46	2	2	70	7	78	9	0	94	15	49	26	1	91	358
5:00PM	2	77	24	1	104	28	41	2	0	71	3	90	18	0	111	18	40	36	4	98	384
5:15PM	4	93	20	0	117	28	45	3	0	76	4	90	13	0	107	14	55	43	2	114	414
Total	13	319	88	2	422	108	182	10	2	302	22	351	50	0	423	62	201	143	7	413	1560
% Approach	3.1%	75.6%	20.9%	0.5%	-	35.8%	60.3%	3.3%	0.7%	-	5.2%	83.0%	11.8%	0%	-	15.0%	48.7%	34.6%	1.7%	-	-
% Total	0.8%	20.4%	5.6%	0.1%	27.1%	6.9%	11.7%	0.6%	0.1%	19.4%	1.4%	22.5%	3.2%	0%	27.1%	4.0%	12.9%	9.2%	0.4%	26.5%	-
PHF	0.542	0.858	0.733	0.500	0.902	0.844	0.910	0.833	0.250	0.888	0.688	0.944	0.694	-	0.953	0.861	0.882	0.831	0.438	0.906	0.942
Lights and Motorcycles	13	319	88	2	422	107	181	10	2	300	22	350	50	0	422	62	198	142	7	409	1553
% Lights and Motorcycles	100%	100%	100%	100%	100%	99.1%	99.5%	100%	100%	99.3%	100%	99.7%	100%	0%	99.8%	100%	98.5%	99.3%	100%	99.0%	99.6%
Heavy	0	0	0	0	0	1	1	0	0	2	0	1	0	0	1	0	3	1	0	4	7
% Heavy	0%	0%	0%	0%	0%	0.9%	0.5%	0%	0%	0.7%	0%	0.3%	0%	0%	0.2%	0%	1.5%	0.7%	0%	1.0%	0.4%

* L: Left, R: Right, T: Thru, U: U-Turn

TOWN AND COUNTRY BLVD & UNION CHAPEL RD - TMC

Wed Apr 17, 2019

Full Length (8 AM-8 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646150, Location: 40.033993, -85.975998, Site Code: i-159



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-04-17 8:00AM	18	42	0	60	32	3	0	35	6	12	0	18	113
8:15AM	16	63	0	79	52	3	0	55	3	7	0	10	144
8:30AM	14	62	3	79	39	13	0	52	1	7	0	8	139
8:45AM	22	69	0	91	42	6	2	50	3	8	0	11	152
Hourly Total	70	236	3	309	165	25	2	192	13	34	0	47	548
9:00AM	13	58	0	71	39	7	0	46	4	9	0	13	130
9:15AM	14	31	0	45	39	10	0	49	3	13	0	16	110
9:30AM	20	44	0	64	24	6	0	30	9	17	0	26	120
9:45AM	14	57	0	71	23	7	1	31	7	20	1	28	130
Hourly Total	61	190	0	251	125	30	1	156	23	59	1	83	490
10:00AM	24	35	0	59	40	4	0	44	5	21	0	26	129
10:15AM	21	34	0	55	33	5	0	38	5	16	0	21	114
10:30AM	23	47	0	70	29	4	0	33	6	23	0	29	132
10:45AM	17	33	0	50	37	12	0	49	10	19	0	29	128
Hourly Total	85	149	0	234	139	25	0	164	26	79	0	105	503
11:00AM	24	32	0	56	35	5	0	40	11	32	0	43	139
11:15AM	17	41	0	58	25	8	0	33	8	30	0	38	129
11:30AM	29	40	0	69	40	7	0	47	7	27	0	34	150
11:45AM	29	43	1	73	58	8	0	66	9	24	0	33	172
Hourly Total	99	156	1	256	158	28	0	186	35	113	0	148	590
12:00PM	28	36	0	64	38	8	0	46	10	36	0	46	156
12:15PM	31	48	0	79	47	10	0	57	7	20	0	27	163
12:30PM	28	29	1	58	36	1	0	37	11	36	1	48	143
12:45PM	26	54	0	80	35	10	1	46	16	29	0	45	171
Hourly Total	113	167	1	281	156	29	1	186	44	121	1	166	633
1:00PM	18	39	0	57	41	12	0	53	7	31	1	39	149
1:15PM	23	35	0	58	42	7	0	49	12	40	1	53	160
1:30PM	23	52	1	76	47	9	0	56	12	19	0	31	163
1:45PM	24	46	0	70	38	4	0	42	8	27	0	35	147
Hourly Total	88	172	1	261	168	32	0	200	39	117	2	158	619
2:00PM	17	44	0	61	34	11	0	45	16	18	0	34	140
2:15PM	26	42	0	68	71	6	1	78	9	37	0	46	192
2:30PM	25	45	0	70	56	2	1	59	9	23	0	32	161
2:45PM	15	59	0	74	44	8	0	52	9	25	0	34	160
Hourly Total	83	190	0	273	205	27	2	234	43	103	0	146	653
3:00PM	12	48	1	61	48	5	0	53	12	38	1	51	165
3:15PM	31	66	0	97	73	7	1	81	8	29	0	37	215
3:30PM	27	59	0	86	73	6	0	79	9	33	0	42	207
3:45PM	28	60	0	88	53	9	0	62	16	46	0	62	212
Hourly Total	98	233	1	332	247	27	1	275	45	146	1	192	799
4:00PM	25	59	0	84	53	9	1	63	19	41	0	60	207
4:15PM	28	75	0	103	63	3	1	67	19	19	0	38	208
4:30PM	19	80	1	100	74	9	0	83	10	38	0	48	231
4:45PM	27	98	0	125	79	7	0	86	8	36	0	44	255
Hourly Total	99	312	1	412	269	28	2	299	56	134	0	190	901
5:00PM	25	81	0	106	82	10	0	92	18	43	0	61	259
5:15PM	19	94	1	114	67	8	0	75	20	34	0	54	243
5:30PM	31	75	0	106	82	15	1	98	17	35	0	52	256
5:45PM	33	84	0	117	57	7	0	64	10	29	0	39	220
Hourly Total	108	334	1	443	288	40	1	329	65	141	0	206	978
6:00PM	30	51	0	81	61	6	0	67	12	41	1	54	202
6:15PM	35	62	0	97	52	4	0	56	11	36	0	47	200

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
6:30PM	24	55	0	79	58	6	0	64	9	37	0	46	189
6:45PM	44	41	1	86	50	8	0	58	6	37	0	43	187
Hourly Total	133	209	1	343	221	24	0	245	38	151	1	190	778
7:00PM	40	57	1	98	44	7	0	51	9	30	0	39	188
7:15PM	31	51	0	82	57	8	0	65	7	33	0	40	187
7:30PM	25	41	0	66	45	4	0	49	10	33	0	43	158
7:45PM	25	47	0	72	43	2	1	46	8	27	0	35	153
Hourly Total	121	196	1	318	189	21	1	211	34	123	0	157	686
8:00PM	24	34	0	58	43	4	0	47	5	38	0	43	148
8:15PM	17	31	0	48	48	7	0	55	8	31	0	39	142
8:30PM	26	30	0	56	29	2	0	31	9	31	1	41	128
8:45PM	10	16	0	26	24	5	0	29	3	32	0	35	90
Hourly Total	77	111	0	188	144	18	0	162	25	132	1	158	508
9:00PM	9	17	0	26	37	3	1	41	8	23	0	31	98
9:15PM	15	15	0	30	24	3	0	27	4	22	0	26	83
9:30PM	6	18	0	24	21	1	0	22	8	25	0	33	79
9:45PM	5	4	0	9	22	0	0	22	0	14	1	15	46
Hourly Total	35	54	0	89	104	7	1	112	20	84	1	105	306
10:00PM	4	10	0	14	8	3	0	11	1	9	0	10	35
10:15PM	4	7	0	11	12	1	0	13	5	5	0	10	34
10:30PM	2	7	0	9	5	1	0	6	0	7	0	7	22
10:45PM	4	4	0	8	3	1	0	4	2	7	0	9	21
Hourly Total	14	28	0	42	28	6	0	34	8	28	0	36	112
11:00PM	3	2	0	5	2	0	0	2	1	9	0	10	17
11:15PM	1	1	0	2	2	0	0	2	1	3	0	4	8
11:30PM	0	1	0	1	6	0	0	6	3	1	0	4	11
11:45PM	2	0	0	2	4	0	0	4	0	3	0	3	9
Hourly Total	6	4	0	10	14	0	0	14	5	16	0	21	45
2019-04-18 12:00AM	0	0	0	0	2	1	0	3	0	1	0	1	4
12:15AM	1	1	1	3	1	0	0	1	3	1	0	4	8
12:30AM	1	1	0	2	4	1	0	5	0	0	0	0	7
12:45AM	0	2	0	2	4	1	0	5	0	3	0	3	10
Hourly Total	2	4	1	7	11	3	0	14	3	5	0	8	29
1:00AM	1	2	0	3	2	1	0	3	0	2	0	2	8
1:15AM	1	1	0	2	0	0	0	0	0	2	0	2	4
1:30AM	1	2	0	3	1	1	0	2	0	1	0	1	6
1:45AM	0	0	0	0	1	0	0	1	1	0	0	1	2
Hourly Total	3	5	0	8	4	2	0	6	1	5	0	6	20
2:00AM	1	0	0	1	0	0	0	0	1	1	0	2	3
2:15AM	0	1	0	1	0	0	0	0	0	0	0	0	1
2:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
2:45AM	0	1	0	1	1	1	0	2	0	0	0	0	3
Hourly Total	1	2	0	3	1	1	0	2	1	1	0	2	7
3:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0
3:15AM	0	0	0	0	0	1	0	1	0	1	0	1	2
3:30AM	1	1	0	2	2	0	0	2	0	0	0	0	4
3:45AM	1	1	0	2	5	2	0	7	0	0	0	0	9
Hourly Total	2	2	0	4	7	3	0	10	0	1	0	1	15
4:00AM	1	0	0	1	0	0	0	0	1	0	0	1	2
4:15AM	1	4	0	5	1	1	0	2	0	1	0	1	8
4:30AM	1	0	0	1	4	0	0	4	0	0	0	0	5
4:45AM	3	8	0	11	3	1	0	4	0	0	0	0	15
Hourly Total	6	12	0	18	8	2	0	10	1	1	0	2	30
5:00AM	2	9	0	11	6	2	0	8	1	1	0	2	21
5:15AM	2	6	0	8	5	4	0	9	1	1	0	2	19
5:30AM	3	14	0	17	11	2	0	13	1	1	0	2	32
5:45AM	10	14	0	24	10	5	0	15	0	1	0	1	40
Hourly Total	17	43	0	60	32	13	0	45	3	4	0	7	112
6:00AM	6	7	0	13	13	5	1	19	1	5	0	6	38

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
6:15AM	3	19	0	22	21	2	0	23	1	2	0	3	48
6:30AM	2	25	0	27	31	5	0	36	2	6	0	8	71
6:45AM	4	60	0	64	34	4	0	38	4	4	0	8	110
Hourly Total	15	111	0	126	99	16	1	116	8	17	0	25	267
7:00AM	9	84	0	93	18	3	0	21	3	2	0	5	119
7:15AM	10	87	0	97	30	2	0	32	3	4	0	7	136
7:30AM	3	50	0	53	47	8	0	55	2	4	0	6	114
7:45AM	12	79	0	91	33	8	0	41	5	10	0	15	147
Hourly Total	34	300	0	334	128	21	0	149	13	20	0	33	516
Total	1370	3220	12	4602	2910	428	13	3351	549	1635	8	2192	10145
% Approach	29.8%	70.0%	0.3%	-	86.8%	12.8%	0.4%	-	25.0%	74.6%	0.4%	-	-
% Total	13.5%	31.7%	0.1%	45.4%	28.7%	4.2%	0.1%	33.0%	5.4%	16.1%	0.1%	21.6%	-
Lights and Motorcycles	1359	3121	11	4491	2806	418	12	3236	536	1615	8	2159	9886
% Lights and Motorcycles	99.2%	96.9%	91.7%	97.6%	96.4%	97.7%	92.3%	96.6%	97.6%	98.8%	100%	98.5%	97.4%
Heavy	11	99	1	111	104	10	1	115	13	20	0	33	259
% Heavy	0.8%	3.1%	8.3%	2.4%	3.6%	2.3%	7.7%	3.4%	2.4%	1.2%	0%	1.5%	2.6%

* L: Left, R: Right, T: Thru, U: U-Turn

**TOWN AND COUNTRY BLVD & UNION CHAPEL RD -
TMC**

Wed Apr 17, 2019

AM Peak (Apr 17 2019 8:15AM - 9:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646150, Location: 40.033993, -85.975998, Site Code: i-159



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-04-17 8:15AM	16	63	0	79	52	3	0	55	3	7	0	10	144
8:30AM	14	62	3	79	39	13	0	52	1	7	0	8	139
8:45AM	22	69	0	91	42	6	2	50	3	8	0	11	152
9:00AM	13	58	0	71	39	7	0	46	4	9	0	13	130
Total	65	252	3	320	172	29	2	203	11	31	0	42	565
% Approach	20.3%	78.8%	0.9%	-	84.7%	14.3%	1.0%	-	26.2%	73.8%	0%	-	-
% Total	11.5%	44.6%	0.5%	56.6%	30.4%	5.1%	0.4%	35.9%	1.9%	5.5%	0%	7.4%	-
PHF	0.739	0.913	0.250	0.879	0.827	0.558	0.250	0.923	0.688	0.861	-	0.808	0.929
Lights and Motorcycles	62	238	2	302	163	29	2	194	11	30	0	41	537
% Lights and Motorcycles	95.4%	94.4%	66.7%	94.4%	94.8%	100%	100%	95.6%	100%	96.8%	0%	97.6%	95.0%
Heavy	3	14	1	18	9	0	0	9	0	1	0	1	28
% Heavy	4.6%	5.6%	33.3%	5.6%	5.2%	0%	0%	4.4%	0%	3.2%	0%	2.4%	5.0%

*L: Left, R: Right, T: Thru, U: U-Turn

**TOWN AND COUNTRY BLVD & UNION CHAPEL RD -
TMC**

Wed Apr 17, 2019

PM Peak (Apr 17 2019 4:45PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646150, Location: 40.033993, -85.975998, Site Code: i-159



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-04-17 4:45PM	27	98	0	125	79	7	0	86	8	36	0	44	255
5:00PM	25	81	0	106	82	10	0	92	18	43	0	61	259
5:15PM	19	94	1	114	67	8	0	75	20	34	0	54	243
5:30PM	31	75	0	106	82	15	1	98	17	35	0	52	256
Total	102	348	1	451	310	40	1	351	63	148	0	211	1013
% Approach	22.6%	77.2%	0.2%	-	88.3%	11.4%	0.3%	-	29.9%	70.1%	0%	-	-
% Total	10.1%	34.4%	0.1%	44.5%	30.6%	3.9%	0.1%	34.6%	6.2%	14.6%	0%	20.8%	-
PHF	0.823	0.888	0.250	0.902	0.945	0.667	0.250	0.895	0.788	0.860	-	0.865	0.978
Lights and Motorcycles	101	341	1	443	309	39	1	349	63	148	0	211	1003
% Lights and Motorcycles	99.0%	98.0%	100%	98.2%	99.7%	97.5%	100%	99.4%	100%	100%	0%	100%	99.0%
Heavy	1	7	0	8	1	1	0	2	0	0	0	0	10
% Heavy	1.0%	2.0%	0%	1.8%	0.3%	2.5%	0%	0.6%	0%	0%	0%	0%	1.0%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & MIDDLETOWN AVE - TMC

Wed Sep 19, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565545, Location: 40.036299, -85.937639



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-09-19																						
3:00PM	6	16	5	0	27	0	11	3	0	14	7	71	12	0	90	7	51	0	0	58	189	
3:15PM	13	25	6	0	44	0	11	1	0	12	7	78	21	0	106	4	51	2	0	57	219	
3:30PM	17	29	4	0	50	0	14	4	0	18	5	89	20	0	114	6	68	1	0	75	257	
3:45PM	12	19	7	0	38	1	18	5	0	24	3	79	15	0	97	11	64	0	0	75	234	
Hourly Total	48	89	22	0	159	1	54	13	0	68	22	317	68	0	407	28	234	3	0	265	899	
4:00PM	23	25	10	0	58	0	10	3	0	13	12	76	15	0	103	6	61	2	0	69	243	
4:15PM	20	31	11	0	62	0	10	5	0	15	2	79	22	0	103	7	91	1	0	99	279	
4:30PM	24	22	6	0	52	0	15	8	0	23	5	94	19	0	118	10	61	1	0	72	265	
4:45PM	25	10	9	0	44	0	14	3	0	17	4	97	21	0	122	10	92	1	0	103	286	
Hourly Total	92	88	36	0	216	0	49	19	0	68	23	346	77	0	446	33	305	5	0	343	1073	
5:00PM	18	16	8	0	42	1	20	8	0	29	3	93	21	0	117	7	89	0	0	96	284	
5:15PM	29	28	10	0	67	0	3	1	0	4	4	100	16	0	120	7	101	0	0	108	299	
5:30PM	19	17	8	0	44	0	16	5	0	21	2	115	17	0	134	13	98	0	0	111	310	
5:45PM	25	12	3	0	40	0	14	1	0	15	2	73	29	0	104	8	93	0	0	101	260	
Hourly Total	91	73	29	0	193	1	53	15	0	69	11	381	83	0	475	35	381	0	0	416	1153	
6:00PM	20	17	6	0	43	1	6	1	0	8	3	53	26	0	82	6	49	1	0	56	189	
6:15PM	25	19	2	0	46	1	12	4	0	17	4	54	23	0	81	12	54	1	0	67	211	
6:30PM	20	13	1	0	34	0	14	2	0	16	3	51	21	0	75	3	62	0	0	65	190	
6:45PM	20	8	3	1	32	0	2	2	0	4	5	56	28	0	89	5	50	1	0	56	181	
Hourly Total	85	57	12	1	155	2	34	9	0	45	15	214	98	0	327	26	215	3	0	244	771	
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2018-09-20																						
6:30AM	5	9	5	0	19	0	18	6	0	24	7	49	18	0	74	6	63	1	0	70	187	
6:45AM	7	8	1	0	16	0	16	5	0	21	3	65	22	0	90	8	93	2	0	103	230	
Hourly Total	12	17	6	0	35	0	34	11	0	45	10	114	40	0	164	14	156	3	0	173	417	
7:00AM	13	17	7	0	37	0	10	6	0	16	8	64	25	0	97	4	82	1	0	87	237	
7:15AM	7	12	7	0	26	0	13	1	0	14	7	73	21	0	101	9	76	1	0	86	227	
7:30AM	10	15	7	0	32	0	15	5	0	20	6	82	40	0	128	16	120	2	0	138	318	
7:45AM	16	25	3	0	44	2	28	4	0	34	9	59	27	0	95	13	99	3	0	115	288	
Hourly Total	46	69	24	0	139	2	66	16	0	84	30	278	113	0	421	42	377	7	0	426	1070	
8:00AM	15	20	3	0	38	1	27	5	0	33	5	65	15	0	85	7	55	2	0	64	220	
8:15AM	10	24	5	0	39	1	26	4	0	31	7	58	19	0	84	12	90	1	0	103	257	
8:30AM	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Hourly Total	25	44	9	0	78	2	53	9	0	64	12	123	34	0	169	19	145	3	0	167	478	
Total	399	437	138	1	975	8	343	92	0	443	123	1773	513	0	2409	197	1813	24	0	2034	5861	
% Approach	40.9%	44.8%	14.2%	0.1%	-	1.8%	77.4%	20.8%	0%	-	5.1%	73.6%	21.3%	0%	-	9.7%	89.1%	1.2%	0%	-	-	
% Total	6.8%	7.5%	2.4%	0%	16.6%	0.1%	5.9%	1.6%	0%	7.6%	2.1%	30.3%	8.8%	0%	41.1%	3.4%	30.9%	0.4%	0%	34.7%	-	
Lights and Motorcycles	386	387	129	1	903	8	327	76	0	411	82	1695	478	0	2255	187	1729	11	0	1927	5496	
% Lights and Motorcycles	96.7%	88.6%	93.5%	100%	92.6%	100%	95.3%	82.6%	0%	92.8%	66.7%	95.6%	93.2%	0%	93.6%	94.9%	95.4%	45.8%	0%	94.7%	93.8%	
Heavy	13	50	9	0	72	0	16	16	0	32	41	78	35	0	154	10	84	13	0	107	365	
% Heavy	3.3%	11.4%	6.5%	0%	7.4%	0%	4.7%	17.4%	0%	7.2%	33.3%	4.4%	6.8%	0%	6.4%	5.1%	4.6%	54.2%	0%	5.3%	6.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & MIDDLETOWN AVE - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 7:30AM - 8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565545, Location: 40.036299, -85.937639



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-20																						
7:30AM	10	15	7	0	32	0	15	5	0	20	6	82	40	0	128	16	120	2	0	138	318	
7:45AM	16	25	3	0	44	2	28	4	0	34	9	59	27	0	95	13	99	3	0	115	288	
8:00AM	15	20	3	0	38	1	27	5	0	33	5	65	15	0	85	7	55	2	0	64	220	
8:15AM	10	24	5	0	39	1	26	4	0	31	7	58	19	0	84	12	90	1	0	103	257	
Total	51	84	18	0	153	4	96	18	0	118	27	264	101	0	392	48	364	8	0	420	1083	
% Approach	33.3%	54.9%	11.8%	0%	-	3.4%	81.4%	15.3%	0%	-	6.9%	67.3%	25.8%	0%	-	11.4%	86.7%	1.9%	0%	-	-	
% Total	4.7%	7.8%	1.7%	0%	14.1%	0.4%	8.9%	1.7%	0%	10.9%	2.5%	24.4%	9.3%	0%	36.2%	4.4%	33.6%	0.7%	0%	38.8%	-	
PHF	0.797	0.840	0.643	-	0.869	0.500	0.857	0.900	-	0.868	0.750	0.805	0.631	-	0.766	0.750	0.758	0.667	-	0.761	0.851	
Lights and Motorcycles	47	63	17	0	127	4	91	15	0	110	17	242	82	0	341	43	346	4	0	393	971	
% Lights and Motorcycles	92.2%	75.0%	94.4%	0%	83.0%	100%	94.8%	83.3%	0%	93.2%	63.0%	91.7%	81.2%	0%	87.0%	89.6%	95.1%	50.0%	0%	93.6%	89.7%	
Heavy	4	21	1	0	26	0	5	3	0	8	10	22	19	0	51	5	18	4	0	27	112	
% Heavy	7.8%	25.0%	5.6%	0%	17.0%	0%	5.2%	16.7%	0%	6.8%	37.0%	8.3%	18.8%	0%	13.0%	10.4%	4.9%	50.0%	0%	6.4%	10.3%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & MIDDLETOWN AVE - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565545, Location: 40.036299, -85.937639



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19 4:45PM	25	10	9	0	44	0	14	3	0	17	4	97	21	0	122	10	92	1	0	103	286
5:00PM	18	16	8	0	42	1	20	8	0	29	3	93	21	0	117	7	89	0	0	96	284
5:15PM	29	28	10	0	67	0	3	1	0	4	4	100	16	0	120	7	101	0	0	108	299
5:30PM	19	17	8	0	44	0	16	5	0	21	2	115	17	0	134	13	98	0	0	111	310
Total	91	71	35	0	197	1	53	17	0	71	13	405	75	0	493	37	380	1	0	418	1179
% Approach	46.2%	36.0%	17.8%	0%	-	1.4%	74.6%	23.9%	0%	-	2.6%	82.2%	15.2%	0%	-	8.9%	90.9%	0.2%	0%	-	-
% Total	7.7%	6.0%	3.0%	0%	16.7%	0.1%	4.5%	1.4%	0%	6.0%	1.1%	34.4%	6.4%	0%	41.8%	3.1%	32.2%	0.1%	0%	35.5%	-
PHF	0.784	0.634	0.875	-	0.735	0.250	0.663	0.531	-	0.612	0.813	0.880	0.893	-	0.920	0.712	0.941	0.250	-	0.941	0.951
Lights and Motorcycles	90	69	35	0	194	1	52	17	0	70	13	394	74	0	481	36	365	1	0	402	1147
% Lights and Motorcycles	98.9%	97.2%	100%	0%	98.5%	100%	98.1%	100%	0%	98.6%	100%	97.3%	98.7%	0%	97.6%	97.3%	96.1%	100%	0%	96.2%	97.3%
Heavy	1	2	0	0	3	0	1	0	0	1	0	11	1	0	12	1	15	0	0	16	32
% Heavy	1.1%	2.8%	0%	0%	1.5%	0%	1.9%	0%	0%	1.4%	0%	2.7%	1.3%	0%	2.4%	2.7%	3.9%	0%	0%	3.8%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & MYSTIC RD - TMC

Wed Sep 19, 2018

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565544, Location: 40.034259, -85.92413



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-09-19 3:00PM	1	1	0	2	1	75	0	76	52	0	0	52	130
3:15PM	1	0	0	1	2	84	0	86	67	2	0	69	156
3:30PM	0	1	0	1	0	93	0	93	72	0	0	72	166
3:45PM	1	2	0	3	1	78	0	79	64	2	0	66	148
Hourly Total	3	4	0	7	4	330	0	334	255	4	0	259	600
4:00PM	2	1	0	3	4	82	0	86	75	3	0	78	167
4:15PM	3	1	0	4	1	91	0	92	108	3	0	111	207
4:30PM	1	3	0	4	3	103	0	106	71	1	0	72	182
4:45PM	2	2	0	4	2	99	0	101	100	2	0	102	207
Hourly Total	8	7	0	15	10	375	0	385	354	9	0	363	763
5:00PM	1	1	0	2	0	109	0	109	88	6	0	94	205
5:15PM	1	1	0	2	1	111	0	112	116	1	1	118	232
5:30PM	0	0	0	0	0	121	0	121	115	2	0	117	238
5:45PM	1	1	0	2	0	71	0	71	82	5	0	87	160
Hourly Total	3	3	0	6	1	412	0	413	401	14	1	416	835
6:00PM	2	0	0	2	0	66	0	66	61	1	0	62	130
6:15PM	1	3	0	4	0	56	0	56	67	0	0	67	127
6:30PM	0	3	0	3	0	54	0	54	57	1	1	59	116
6:45PM	0	0	0	0	0	58	0	58	56	0	0	56	114
Hourly Total	3	6	0	9	0	234	0	234	241	2	1	244	487
7:00PM	0	0	0	0	0	0	0	0	1	0	0	1	1
Hourly Total	0	0	0	0	0	0	0	0	1	0	0	1	1
2018-09-20 6:30AM	1	0	0	1	0	54	0	54	82	0	0	82	137
6:45AM	2	1	0	3	1	65	0	66	115	0	0	115	184
Hourly Total	3	1	0	4	1	119	0	120	197	0	0	197	321
7:00AM	3	0	0	3	2	66	0	68	84	0	0	84	155
7:15AM	3	3	0	6	1	80	0	81	82	1	0	83	170
7:30AM	3	3	0	6	1	89	0	90	144	1	0	145	241
7:45AM	1	2	0	3	0	63	0	63	104	1	0	105	171
Hourly Total	10	8	0	18	4	298	0	302	414	3	0	417	737
8:00AM	0	0	0	0	2	65	0	67	67	0	0	67	134
8:15AM	1	2	0	3	0	64	0	64	89	0	0	89	156
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	2	0	3	2	129	0	131	156	0	0	156	290
Total	31	31	0	62	22	1897	0	1919	2019	32	2	2053	4034
% Approach	50.0%	50.0%	0%	-	1.1%	98.9%	0%	-	98.3%	1.6%	0.1%	-	-
% Total	0.8%	0.8%	0%	1.5%	0.5%	47.0%	0%	47.6%	50.0%	0.8%	0%	50.9%	-
Lights and Motorcycles	30	25	0	55	18	1806	0	1824	1913	29	2	1944	3823
% Lights and Motorcycles	96.8%	80.6%	0%	88.7%	81.8%	95.2%	0%	95.0%	94.7%	90.6%	100%	94.7%	94.8%
Heavy	1	6	0	7	4	91	0	95	106	3	0	109	211
% Heavy	3.2%	19.4%	0%	11.3%	18.2%	4.8%	0%	5.0%	5.3%	9.4%	0%	5.3%	5.2%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & MYSTIC RD - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 6:45AM - 7:45AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565544, Location: 40.034259, -85.92413



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-09-20 6:45AM	2	1	0	3	1	65	0	66	115	0	0	115	184
7:00AM	3	0	0	3	2	66	0	68	84	0	0	84	155
7:15AM	3	3	0	6	1	80	0	81	82	1	0	83	170
7:30AM	3	3	0	6	1	89	0	90	144	1	0	145	241
Total	11	7	0	18	5	300	0	305	425	2	0	427	750
% Approach	61.1%	38.9%	0%	-	1.6%	98.4%	0%	-	99.5%	0.5%	0%	-	-
% Total	1.5%	0.9%	0%	2.4%	0.7%	40.0%	0%	40.7%	56.7%	0.3%	0%	56.9%	-
PHF	0.917	0.583	-	0.750	0.625	0.843	-	0.847	0.738	0.500	-	0.736	0.778
Lights and Motorcycles	10	6	0	16	5	289	0	294	401	1	0	402	712
% Lights and Motorcycles	90.9%	85.7%	0%	88.9%	100%	96.3%	0%	96.4%	94.4%	50.0%	0%	94.1%	94.9%
Heavy	1	1	0	2	0	11	0	11	24	1	0	25	38
% Heavy	9.1%	14.3%	0%	11.1%	0%	3.7%	0%	3.6%	5.6%	50.0%	0%	5.9%	5.1%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & MYSTIC RD - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565544, Location: 40.034259, -85.92413



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2018-09-19 4:45PM	2	2	0	4	2	99	0	101	100	2	0	102	207
5:00PM	1	1	0	2	0	109	0	109	88	6	0	94	205
5:15PM	1	1	0	2	1	111	0	112	116	1	1	118	232
5:30PM	0	0	0	0	0	121	0	121	115	2	0	117	238
Total	4	4	0	8	3	440	0	443	419	11	1	431	882
% Approach	50.0%	50.0%	0%	-	0.7%	99.3%	0%	-	97.2%	2.6%	0.2%	-	-
% Total	0.5%	0.5%	0%	0.9%	0.3%	49.9%	0%	50.2%	47.5%	1.2%	0.1%	48.9%	-
PHF	0.500	0.500	-	0.500	0.375	0.909	-	0.915	0.903	0.458	0.250	0.913	0.926
Lights and Motorcycles	4	3	0	7	3	427	0	430	405	11	1	417	854
% Lights and Motorcycles	100%	75.0%	0%	87.5%	100%	97.0%	0%	97.1%	96.7%	100%	100%	96.8%	96.8%
Heavy	0	1	0	1	0	13	0	13	14	0	0	14	28
% Heavy	0%	25.0%	0%	12.5%	0%	3.0%	0%	2.9%	3.3%	0%	0%	3.2%	3.2%

* L: Left, R: Right, T: Thru, U: U-Turn

SR38 & OLIO RD - TMC

Wed Sep 19, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565541, Location: 40.033418, -85.919458



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-09-19 3:00PM	8	16	0	24	61	15	0	76	5	46	0	51	151
3:15PM	30	14	0	44	77	14	0	91	8	46	0	54	189
3:30PM	19	15	0	34	69	20	0	89	14	45	0	59	182
3:45PM	12	9	0	21	68	17	0	85	11	61	0	72	178
Hourly Total	69	54	0	123	275	66	0	341	38	198	0	236	700
4:00PM	21	16	0	37	81	13	0	94	14	50	0	64	195
4:15PM	36	13	0	49	71	18	0	89	7	72	0	79	217
4:30PM	24	15	0	39	83	29	0	112	13	42	0	55	206
4:45PM	37	19	0	56	71	19	0	90	11	74	0	85	231
Hourly Total	118	63	0	181	306	79	0	385	45	238	0	283	849
5:00PM	29	19	0	48	92	21	0	113	9	61	0	70	231
5:15PM	39	8	0	47	81	34	0	115	12	72	0	84	246
5:30PM	50	12	0	62	84	28	0	112	5	79	0	84	258
5:45PM	28	15	0	43	59	10	0	69	15	47	0	62	174
Hourly Total	146	54	0	200	316	93	0	409	41	259	0	300	909
6:00PM	15	11	0	26	49	21	0	70	4	45	0	49	145
6:15PM	17	8	0	25	43	12	0	55	7	56	0	63	143
6:30PM	16	8	0	24	45	9	0	54	7	41	0	48	126
6:45PM	16	11	0	27	37	19	0	56	7	33	0	40	123
Hourly Total	64	38	0	102	174	61	0	235	25	175	0	200	537
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-20 6:30AM	13	3	0	16	40	17	0	57	8	73	0	81	154
6:45AM	29	1	0	30	34	30	0	64	14	87	0	101	195
Hourly Total	42	4	0	46	74	47	0	121	22	160	0	182	349
7:00AM	23	8	0	31	42	26	0	68	18	54	0	72	171
7:15AM	18	9	0	27	55	31	0	86	10	80	0	90	203
7:30AM	33	8	0	41	65	27	0	92	12	96	0	108	241
7:45AM	20	17	0	37	36	21	0	57	9	82	0	91	185
Hourly Total	94	42	0	136	198	105	0	303	49	312	0	361	800
8:00AM	15	7	0	22	44	23	0	67	6	50	0	56	145
8:15AM	21	9	0	30	39	22	0	61	5	79	0	84	175
Hourly Total	36	16	0	52	83	45	0	128	11	129	0	140	320
Total	569	271	0	840	1426	496	0	1922	231	1471	0	1702	4464
% Approach	67.7%	32.3%	0%	-	74.2%	25.8%	0%	-	13.6%	86.4%	0%	-	-
% Total	12.7%	6.1%	0%	18.8%	31.9%	11.1%	0%	43.1%	5.2%	33.0%	0%	38.1%	-
Lights and Motorcycles	544	259	0	803	1350	474	0	1824	223	1397	0	1620	4247
% Lights and Motorcycles	95.6%	95.6%	0%	95.6%	94.7%	95.6%	0%	94.9%	96.5%	95.0%	0%	95.2%	95.1%
Heavy	25	12	0	37	76	22	0	98	8	74	0	82	217
% Heavy	4.4%	4.4%	0%	4.4%	5.3%	4.4%	0%	5.1%	3.5%	5.0%	0%	4.8%	4.9%

*L: Left, R: Right, T: Thru, U: U-Turn

SR38 & OLIO RD - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 6:45AM - 7:45AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565541, Location: 40.033418, -85.919458



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2018-09-20 6:45AM	29	1	0	30	34	30	0	64	14	87	0	101	195
7:00AM	23	8	0	31	42	26	0	68	18	54	0	72	171
7:15AM	18	9	0	27	55	31	0	86	10	80	0	90	203
7:30AM	33	8	0	41	65	27	0	92	12	96	0	108	241
Total	103	26	0	129	196	114	0	310	54	317	0	371	810
% Approach	79.8%	20.2%	0%	-	63.2%	36.8%	0%	-	14.6%	85.4%	0%	-	-
% Total	12.7%	3.2%	0%	15.9%	24.2%	14.1%	0%	38.3%	6.7%	39.1%	0%	45.8%	-
PHF	0.780	0.722	-	0.787	0.754	0.919	-	0.842	0.750	0.826	-	0.859	0.840
Lights and Motorcycles	99	26	0	125	187	109	0	296	51	302	0	353	774
% Lights and Motorcycles	96.1%	100%	0%	96.9%	95.4%	95.6%	0%	95.5%	94.4%	95.3%	0%	95.1%	95.6%
Heavy	4	0	0	4	9	5	0	14	3	15	0	18	36
% Heavy	3.9%	0%	0%	3.1%	4.6%	4.4%	0%	4.5%	5.6%	4.7%	0%	4.9%	4.4%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & OLIO RD - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565541, Location: 40.033418, -85.919458



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				
Time	L	R	U	App	T	R	U	App	L	T	U	App	Int
2018-09-19 4:45PM	37	19	0	56	71	19	0	90	11	74	0	85	231
5:00PM	29	19	0	48	92	21	0	113	9	61	0	70	231
5:15PM	39	8	0	47	81	34	0	115	12	72	0	84	246
5:30PM	50	12	0	62	84	28	0	112	5	79	0	84	258
Total	155	58	0	213	328	102	0	430	37	286	0	323	966
% Approach	72.8%	27.2%	0%	-	76.3%	23.7%	0%	-	11.5%	88.5%	0%	-	-
% Total	16.0%	6.0%	0%	22.0%	34.0%	10.6%	0%	44.5%	3.8%	29.6%	0%	33.4%	-
PHF	0.775	0.763	-	0.859	0.891	0.750	-	0.935	0.771	0.905	-	0.950	0.936
Lights and Motorcycles	152	58	0	210	314	100	0	414	37	274	0	311	935
% Lights and Motorcycles	98.1%	100%	0%	98.6%	95.7%	98.0%	0%	96.3%	100%	95.8%	0%	96.3%	96.8%
Heavy	3	0	0	3	14	2	0	16	0	12	0	12	31
% Heavy	1.9%	0%	0%	1.4%	4.3%	2.0%	0%	3.7%	0%	4.2%	0%	3.7%	3.2%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & DURBIN RD - TMC

Wed Sep 19, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565538, Location: 40.031879, -85.910853



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19																					
3:00PM	0	0	1	0	1	3	1	2	0	6	8	64	0	0	72	0	45	2	0	47	126
3:15PM	0	3	0	0	3	1	3	6	0	10	6	77	1	0	84	0	51	2	0	53	150
3:30PM	0	2	0	0	2	3	2	9	0	14	7	76	0	0	83	0	47	1	0	48	147
3:45PM	0	3	1	0	4	3	1	6	0	10	5	69	0	0	74	0	63	0	0	63	151
Hourly Total	0	8	2	0	10	10	7	23	0	40	26	286	1	0	313	0	206	5	0	211	574
4:00PM	0	1	1	0	2	0	1	13	0	14	8	72	0	0	80	0	48	0	0	48	144
4:15PM	0	1	4	0	5	1	4	4	0	9	7	84	0	0	91	1	76	1	0	78	183
4:30PM	0	5	2	0	7	1	6	9	0	16	6	85	0	0	91	1	52	0	0	53	167
4:45PM	0	7	2	0	9	0	5	8	0	13	10	90	0	0	100	0	69	1	0	70	192
Hourly Total	0	14	9	0	23	2	16	34	0	52	31	331	0	0	362	2	245	2	0	249	686
5:00PM	0	5	0	0	5	2	2	8	0	12	9	93	0	0	102	1	61	0	0	62	181
5:15PM	0	3	1	0	4	0	4	9	0	13	5	94	0	0	99	1	82	1	0	84	200
5:30PM	0	4	2	0	6	1	1	5	0	7	3	96	0	0	99	0	70	2	0	72	184
5:45PM	0	1	1	0	2	0	1	13	0	14	7	65	0	0	72	0	52	0	0	52	140
Hourly Total	0	13	4	0	17	3	8	35	0	46	24	348	0	0	372	2	265	3	0	270	705
6:00PM	0	3	2	0	5	1	3	3	0	7	5	59	1	0	65	1	51	1	0	53	130
6:15PM	0	0	1	0	1	0	5	5	0	10	1	52	0	0	53	0	54	2	0	56	120
6:30PM	0	1	1	0	2	1	1	2	0	4	3	47	0	0	50	0	53	0	0	53	109
6:45PM	0	1	0	0	1	1	2	7	0	10	7	48	0	0	55	0	34	1	0	35	101
Hourly Total	0	5	4	0	9	3	11	17	0	31	16	206	1	0	223	1	192	4	0	197	460
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-20																					
6:30AM	0	0	1	0	1	0	2	6	0	8	3	41	0	0	44	0	77	1	0	78	131
6:45AM	0	0	0	0	0	1	5	10	0	16	0	38	0	0	38	0	97	2	0	99	153
Hourly Total	0	0	1	0	1	1	7	16	0	24	3	79	0	0	82	0	174	3	0	177	284
7:00AM	0	1	0	0	1	0	1	6	0	7	6	55	0	0	61	0	68	0	0	68	137
7:15AM	0	0	2	0	2	1	3	7	0	11	8	54	0	0	62	1	78	1	0	80	155
7:30AM	0	0	1	0	1	1	1	4	0	6	5	61	0	0	66	0	111	0	0	111	184
7:45AM	0	5	1	0	6	1	5	3	0	9	16	47	1	0	64	0	86	3	0	89	168
Hourly Total	0	6	4	0	10	3	10	20	0	33	35	217	1	0	253	1	343	4	0	348	644
8:00AM	0	1	1	0	2	0	5	7	0	12	5	45	0	0	50	0	55	4	0	59	123
8:15AM	0	4	2	0	6	1	0	4	0	5	4	45	0	0	49	0	71	2	0	73	133
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	5	3	0	8	1	5	11	0	17	9	90	0	0	99	0	126	6	0	132	256
Total	0	51	27	0	78	23	64	156	0	243	144	1557	3	0	1704	6	1551	27	0	1584	3609
% Approach	0%	65.4%	34.6%	0%	-	9.5%	26.3%	64.2%	0%	-	8.5%	91.4%	0.2%	0%	-	0.4%	97.9%	1.7%	0%	-	-
% Total	0%	1.4%	0.7%	0%	2.2%	0.6%	1.8%	4.3%	0%	6.7%	4.0%	43.1%	0.1%	0%	47.2%	0.2%	43.0%	0.7%	0%	43.9%	-
Lights and Motorcycles	0	51	26	0	77	22	60	149	0	231	138	1485	3	0	1626	6	1473	25	0	1504	3438
% Lights and Motorcycles	0%	100%	96.3%	0%	98.7%	95.7%	93.8%	95.5%	0%	95.1%	95.8%	95.4%	100%	0%	95.4%	100%	95.0%	92.6%	0%	94.9%	95.3%
Heavy	0	0	1	0	1	1	4	7	0	12	6	72	0	0	78	0	78	2	0	80	171
% Heavy	0%	0%	3.7%	0%	1.3%	4.3%	6.3%	4.5%	0%	4.9%	4.2%	4.6%	0%	0%	4.6%	0%	5.0%	7.4%	0%	5.1%	4.7%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & DURBIN RD - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565538, Location: 40.031879, -85.910853



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-20																						
7:00AM	0	1	0	0	1	0	1	6	0	7	6	55	0	0	61	0	68	0	0	68	137	
7:15AM	0	0	2	0	2	1	3	7	0	11	8	54	0	0	62	1	78	1	0	80	155	
7:30AM	0	0	1	0	1	1	1	4	0	6	5	61	0	0	66	0	111	0	0	111	184	
7:45AM	0	5	1	0	6	1	5	3	0	9	16	47	1	0	64	0	86	3	0	89	168	
Total	0	6	4	0	10	3	10	20	0	33	35	217	1	0	253	1	343	4	0	348	644	
% Approach	0%	60.0%	40.0%	0%	-	9.1%	30.3%	60.6%	0%	-	13.8%	85.8%	0.4%	0%	-	0.3%	98.6%	1.1%	0%	-	-	
% Total	0%	0.9%	0.6%	0%	1.6%	0.5%	1.6%	3.1%	0%	5.1%	5.4%	33.7%	0.2%	0%	39.3%	0.2%	53.3%	0.6%	0%	54.0%	-	
PHF	-	0.300	0.500	-	0.417	0.750	0.500	0.714	-	0.750	0.547	0.889	0.250	-	0.958	0.250	0.773	0.333	-	0.784	0.875	
Lights and Motorcycles	0	6	4	0	10	3	10	19	0	32	35	201	1	0	237	1	325	4	0	330	609	
% Lights and Motorcycles	0%	100%	100%	0%	100%	100%	100%	95.0%	0%	97.0%	100%	92.6%	100%	0%	93.7%	100%	94.8%	100%	0%	94.8%	94.6%	
Heavy	0	0	0	0	0	0	0	1	0	1	0	16	0	0	16	0	18	0	0	18	35	
% Heavy	0%	0%	0%	0%	0%	0%	0%	5.0%	0%	3.0%	0%	7.4%	0%	0%	6.3%	0%	5.2%	0%	0%	5.2%	5.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & DURBIN RD - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565538, Location: 40.031879, -85.910853



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19 4:45PM	0	7	2	0	9	0	5	8	0	13	10	90	0	0	100	0	69	1	0	70	192
5:00PM	0	5	0	0	5	2	2	8	0	12	9	93	0	0	102	1	61	0	0	62	181
5:15PM	0	3	1	0	4	0	4	9	0	13	5	94	0	0	99	1	82	1	0	84	200
5:30PM	0	4	2	0	6	1	1	5	0	7	3	96	0	0	99	0	70	2	0	72	184
Total	0	19	5	0	24	3	12	30	0	45	27	373	0	0	400	2	282	4	0	288	757
% Approach	0%	79.2%	20.8%	0%	-	6.7%	26.7%	66.7%	0%	-	6.8%	93.3%	0%	0%	-	0.7%	97.9%	1.4%	0%	-	-
% Total	0%	2.5%	0.7%	0%	3.2%	0.4%	1.6%	4.0%	0%	5.9%	3.6%	49.3%	0%	0%	52.8%	0.3%	37.3%	0.5%	0%	38.0%	-
PHF	-	0.679	0.625	-	0.667	0.375	0.600	0.833	-	0.865	0.675	0.971	-	-	0.980	0.500	0.860	0.500	-	0.857	0.946
Lights and Motorcycles	0	19	5	0	24	3	12	30	0	45	27	364	0	0	391	2	269	3	0	274	734
% Lights and Motorcycles	0%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	97.6%	0%	0%	97.8%	100%	95.4%	75.0%	0%	95.1%	97.0%
Heavy	0	0	0	0	0	0	0	0	0	0	0	9	0	0	9	0	13	1	0	14	23
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.4%	0%	0%	2.3%	0%	4.6%	25.0%	0%	4.9%	3.0%

* L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & CYNTHEANNE RD - TMC

Wed Mar 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636988, Location: 40.035073, -85.881494, Site Code: i-164



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-03-06 6:30AM	3	0	0	3	0	13	0	13	0	0	0	0	16
6:45AM	2	0	0	2	0	6	0	6	0	0	0	0	8
Hourly Total	5	0	0	5	0	19	0	19	0	0	0	0	24
7:00AM	3	0	0	3	0	8	0	8	0	0	0	0	11
7:15AM	5	0	0	5	0	4	0	4	1	0	0	1	10
7:30AM	7	0	0	7	0	3	0	3	0	0	0	0	10
7:45AM	8	0	0	8	0	4	0	4	0	0	0	0	12
Hourly Total	23	0	0	23	0	19	0	19	1	0	0	1	43
8:00AM	2	1	0	3	0	2	0	2	0	0	0	0	5
8:15AM	2	0	0	2	0	4	0	4	0	0	0	0	6
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	4	1	0	5	0	6	0	6	0	0	0	0	11
3:00PM	3	0	0	3	0	1	0	1	0	0	0	0	4
3:15PM	6	2	0	8	0	4	0	4	1	0	0	1	13
3:30PM	3	0	0	3	0	2	0	2	0	0	0	0	5
3:45PM	1	0	0	1	0	3	0	3	0	0	0	0	4
Hourly Total	13	2	0	15	0	10	0	10	1	0	0	1	26
4:00PM	11	0	0	11	0	2	0	2	0	0	0	0	13
4:15PM	11	0	0	11	0	1	0	1	0	0	0	0	12
4:30PM	6	0	0	6	0	1	0	1	0	0	0	0	7
4:45PM	13	0	0	13	0	4	0	4	0	0	0	0	17
Hourly Total	41	0	0	41	0	8	0	8	0	0	0	0	49
5:00PM	9	0	0	9	0	3	0	3	0	0	0	0	12
5:15PM	2	0	0	2	0	6	0	6	0	0	0	0	8
5:30PM	6	0	0	6	0	5	0	5	0	0	0	0	11
5:45PM	7	0	0	7	0	3	0	3	0	1	0	1	11
Hourly Total	24	0	0	24	0	17	0	17	0	1	0	1	42
6:00PM	4	0	0	4	0	4	0	4	0	0	0	0	8
6:15PM	2	0	0	2	0	3	0	3	0	0	0	0	5
6:30PM	4	0	0	4	0	3	0	3	0	0	0	0	7
6:45PM	0	0	0	0	0	3	0	3	0	0	0	0	3
Hourly Total	10	0	0	10	0	13	0	13	0	0	0	0	23
Total	120	3	0	123	0	92	0	92	2	1	0	3	218
% Approach	97.6%	2.4%	0%	-	0%	100%	0%	-	66.7%	33.3%	0%	-	-
% Total	55.0%	1.4%	0%	56.4%	0%	42.2%	0%	42.2%	0.9%	0.5%	0%	1.4%	-
Lights and Motorcycles	114	0	0	114	0	90	0	90	2	1	0	3	207
% Lights and Motorcycles	95.0%	0%	0%	92.7%	0%	97.8%	0%	97.8%	100%	100%	0%	100%	95.0%
Heavy	6	3	0	9	0	2	0	2	0	0	0	0	11
% Heavy	5.0%	100%	0%	7.3%	0%	2.2%	0%	2.2%	0%	0%	0%	0%	5.0%

*L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & CYNTHIANNE RD - TMC

Wed Mar 6, 2019

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636988, Location: 40.035073, -85.881494, Site Code: i-164



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int	
	T	R	U	App	L	T	U	App	L	R	U	App		
2019-03-06 6:30AM	3	0	0	3	0	13	0	13	0	0	0	0	0	16
6:45AM	2	0	0	2	0	6	0	6	0	0	0	0	0	8
7:00AM	3	0	0	3	0	8	0	8	0	0	0	0	0	11
7:15AM	5	0	0	5	0	4	0	4	1	0	0	1	1	10
Total	13	0	0	13	0	31	0	31	1	0	0	1	1	45
% Approach	100%	0%	0%	-	0%	100%	0%	-	100%	0%	0%	-	-	-
% Total	28.9%	0%	0%	28.9%	0%	68.9%	0%	68.9%	2.2%	0%	0%	2.2%	-	-
PHF	0.650	-	-	0.650	-	0.596	-	0.596	0.250	-	-	0.250	0.703	
Lights and Motorcycles	12	0	0	12	0	30	0	30	1	0	0	1	1	43
% Lights and Motorcycles	92.3%	0%	0%	92.3%	0%	96.8%	0%	96.8%	100%	0%	0%	100%	95.6%	
Heavy	1	0	0	1	0	1	0	1	0	0	0	0	0	2
% Heavy	7.7%	0%	0%	7.7%	0%	3.2%	0%	3.2%	0%	0%	0%	0%	0%	4.4%

* L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & CYNTHEANNE RD - TMC

Wed Mar 6, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636988, Location: 40.035073, -85.881494, Site Code: i-164



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int	
	T	R	U	App	L	T	U	App	L	R	U	App		
2019-03-06 4:00PM	11	0	0	11	0	2	0	2	0	0	0	0	0	13
4:15PM	11	0	0	11	0	1	0	1	0	0	0	0	0	12
4:30PM	6	0	0	6	0	1	0	1	0	0	0	0	0	7
4:45PM	13	0	0	13	0	4	0	4	0	0	0	0	0	17
Total	41	0	0	41	0	8	0	8	0	0	0	0	0	49
% Approach	100%	0%	0%	-	0%	100%	0%	-	0%	0%	0%	-	-	-
% Total	83.7%	0%	0%	83.7%	0%	16.3%	0%	16.3%	0%	0%	0%	0%	0%	-
PHF	0.788	-	-	0.788	-	0.500	-	0.500	-	-	-	-	-	0.721
Lights and Motorcycles	38	0	0	38	0	7	0	7	0	0	0	0	0	45
% Lights and Motorcycles	92.7%	0%	0%	92.7%	0%	87.5%	0%	87.5%	0%	0%	0%	-	-	91.8%
Heavy	3	0	0	3	0	1	0	1	0	0	0	0	0	4
% Heavy	7.3%	0%	0%	7.3%	0%	12.5%	0%	12.5%	0%	0%	0%	-	-	8.2%

* L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & ATLANTIC RD - TMC

Wed Mar 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636987, Location: 40.035175, -85.862444, Site Code: i-165



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-03-06 6:30AM	8	0	0	8	0	0	0	0	0	0	0	0	8
6:45AM	4	0	0	4	0	0	0	0	0	0	0	0	4
Hourly Total	12	0	0	12	0	0	0	0	0	0	0	0	12
7:00AM	13	0	0	13	0	0	0	0	0	0	0	0	13
7:15AM	1	1	0	2	0	1	0	1	0	1	0	1	4
7:30AM	1	0	0	1	0	0	0	0	0	4	0	4	5
7:45AM	3	0	0	3	0	0	0	0	0	1	0	1	4
Hourly Total	18	1	0	19	0	1	0	1	0	6	0	6	26
8:00AM	3	0	0	3	0	1	0	1	0	1	0	1	5
8:15AM	6	0	0	6	0	1	0	1	0	2	0	2	9
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	9	0	0	9	0	2	0	2	0	3	0	3	14
3:00PM	2	0	0	2	0	0	0	0	0	1	0	1	3
3:15PM	2	0	0	2	2	0	0	2	1	4	0	5	9
3:30PM	2	0	0	2	0	0	0	0	0	5	0	5	7
3:45PM	3	0	0	3	0	0	0	0	0	3	0	3	6
Hourly Total	9	0	0	9	2	0	0	2	1	13	0	14	25
4:00PM	4	0	0	4	0	0	0	0	0	2	0	2	6
4:15PM	2	1	0	3	0	0	0	0	0	4	0	4	7
4:30PM	0	1	0	1	0	0	0	0	0	3	0	3	4
4:45PM	1	1	0	2	0	0	0	0	0	2	0	2	4
Hourly Total	7	3	0	10	0	0	0	0	0	11	0	11	21
5:00PM	5	0	0	5	0	0	0	0	0	6	0	6	11
5:15PM	5	0	0	5	0	0	0	0	0	6	0	6	11
5:30PM	2	0	0	2	0	0	0	0	0	3	0	3	5
5:45PM	0	0	0	0	1	0	0	1	0	4	0	4	5
Hourly Total	12	0	0	12	1	0	0	1	0	19	0	19	32
6:00PM	3	0	0	3	0	0	0	0	0	2	0	2	5
6:15PM	2	0	0	2	0	0	0	0	0	3	0	3	5
6:30PM	1	0	0	1	0	0	0	0	0	4	0	4	5
6:45PM	4	0	0	4	0	0	0	0	0	2	0	2	6
Hourly Total	10	0	0	10	0	0	0	0	0	11	0	11	21
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	77	4	0	81	3	3	0	6	1	63	0	64	151
% Approach	95.1%	4.9%	0%	-	50.0%	50.0%	0%	-	1.6%	98.4%	0%	-	-
% Total	51.0%	2.6%	0%	53.6%	2.0%	2.0%	0%	4.0%	0.7%	41.7%	0%	42.4%	-
Lights and Motorcycles	66	4	0	70	1	2	0	3	1	53	0	54	127
% Lights and Motorcycles	85.7%	100%	0%	86.4%	33.3%	66.7%	0%	50.0%	100%	84.1%	0%	84.4%	84.1%
Heavy	11	0	0	11	2	1	0	3	0	10	0	10	24
% Heavy	14.3%	0%	0%	13.6%	66.7%	33.3%	0%	50.0%	0%	15.9%	0%	15.6%	15.9%

*L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & ATLANTIC RD - TMC

Wed Mar 6, 2019

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636987, Location: 40.035175, -85.862444, Site Code: i-165



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-03-06 6:30AM	8	0	0	8	0	0	0	0	0	0	0	0	8
6:45AM	4	0	0	4	0	0	0	0	0	0	0	0	4
7:00AM	13	0	0	13	0	0	0	0	0	0	0	0	13
7:15AM	1	1	0	2	0	1	0	1	0	1	0	1	4
Total	26	1	0	27	0	1	0	1	0	1	0	1	29
% Approach	96.3%	3.7%	0%	-	0%	100%	0%	-	0%	100%	0%	-	-
% Total	89.7%	3.4%	0%	93.1%	0%	3.4%	0%	3.4%	0%	3.4%	0%	3.4%	-
PHF	0.500	0.250	-	0.519	-	0.250	-	0.250	-	0.250	-	0.250	0.558
Lights and Motorcycles	17	1	0	18	0	1	0	1	0	1	0	1	20
% Lights and Motorcycles	65.4%	100%	0%	66.7%	0%	100%	0%	100%	0%	100%	0%	100%	69.0%
Heavy	9	0	0	9	0	0	0	0	0	0	0	0	9
% Heavy	34.6%	0%	0%	33.3%	0%	0%	0%	0%	0%	0%	0%	0%	31.0%

* L: Left, R: Right, T: Thru, U: U-Turn

169TH ST & ATLANTIC RD - TMC

Wed Mar 6, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636987, Location: 40.035175, -85.862444, Site Code: i-165



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-03-06 5:00PM	5	0	0	5	0	0	0	0	0	6	0	6	11
5:15PM	5	0	0	5	0	0	0	0	0	6	0	6	11
5:30PM	2	0	0	2	0	0	0	0	0	3	0	3	5
5:45PM	0	0	0	0	1	0	0	1	0	4	0	4	5
Total	12	0	0	12	1	0	0	1	0	19	0	19	32
% Approach	100%	0%	0%	-	100%	0%	0%	-	0%	100%	0%	-	-
% Total	37.5%	0%	0%	37.5%	3.1%	0%	0%	3.1%	0%	59.4%	0%	59.4%	-
PHF	0.600	-	-	0.600	0.250	-	-	0.250	-	0.792	-	0.792	0.727
Lights and Motorcycles	12	0	0	12	1	0	0	1	0	19	0	19	32
% Lights and Motorcycles	100%	0%	0%	100%	100%	0%	0%	100%	0%	100%	0%	100%	100%
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & PRAIRIE BAPTIST - TMC

Wed Sep 19, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565529, Location: 40.029939, -85.900555



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19																					
3:00PM	2	5	0	0	7	2	3	0	0	5	2	68	1	0	71	0	48	3	0	51	134
3:15PM	1	7	0	0	8	0	1	0	0	1	2	79	1	0	82	2	48	2	0	52	143
3:30PM	1	9	2	0	12	0	8	3	0	11	0	74	1	0	75	2	49	0	0	51	149
3:45PM	0	4	0	0	4	1	3	1	0	5	1	70	1	0	72	1	65	0	0	66	147
Hourly Total	4	25	2	0	31	3	15	4	0	22	5	291	4	0	300	5	210	5	0	220	573
4:00PM	1	14	5	0	20	0	5	2	0	7	1	75	1	0	77	0	44	3	0	47	151
4:15PM	2	11	4	0	17	1	7	1	0	9	1	85	3	0	89	0	74	3	0	77	192
4:30PM	0	29	4	0	33	0	5	2	0	7	4	90	1	0	95	0	46	1	0	47	182
4:45PM	0	12	0	0	12	0	3	0	0	3	2	83	0	0	85	0	76	1	0	77	177
Hourly Total	3	66	13	0	82	1	20	5	0	26	8	333	5	0	346	0	240	8	0	248	702
5:00PM	0	14	4	0	18	3	4	1	0	8	2	107	0	0	109	1	69	3	0	73	208
5:15PM	1	19	4	0	24	5	5	0	0	10	0	93	0	0	93	1	76	3	0	80	207
5:30PM	2	9	1	0	12	4	8	3	0	15	0	89	1	0	90	2	70	1	0	73	190
5:45PM	0	14	5	0	19	1	5	1	0	7	4	61	0	0	65	0	47	1	0	48	139
Hourly Total	3	56	14	0	73	13	22	5	0	40	6	350	1	0	357	4	262	8	0	274	744
6:00PM	0	8	2	0	10	1	5	2	0	8	2	55	1	0	58	1	54	1	0	56	132
6:15PM	0	7	2	0	9	0	3	1	0	4	3	51	1	0	55	0	52	2	0	54	122
6:30PM	1	6	0	0	7	0	5	1	0	6	2	47	0	0	49	0	45	0	0	45	107
6:45PM	0	5	0	0	5	2	2	0	0	4	1	43	1	0	45	0	34	0	0	34	88
Hourly Total	1	26	4	0	31	3	15	4	0	22	8	196	3	0	207	1	185	3	0	189	449
7:00PM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
2018-09-20																					
6:30AM	0	1	0	0	1	2	9	0	0	11	0	39	0	0	39	1	75	2	0	78	129
6:45AM	0	0	0	0	0	0	22	2	0	24	0	36	0	0	36	2	94	0	0	96	156
Hourly Total	0	1	0	0	1	2	31	2	0	35	0	75	0	0	75	3	169	2	0	174	285
7:00AM	0	3	1	0	4	1	10	3	0	14	0	46	0	0	46	2	63	0	0	65	129
7:15AM	0	1	0	0	1	0	10	2	0	12	1	52	0	0	53	0	81	0	0	81	147
7:30AM	2	7	0	0	9	4	15	0	0	19	2	64	1	0	67	4	105	5	0	114	209
7:45AM	0	5	0	0	5	1	12	3	0	16	0	46	1	0	47	1	86	3	0	90	158
Hourly Total	2	16	1	0	19	6	47	8	0	61	3	208	2	0	213	7	335	8	0	350	643
8:00AM	0	6	1	0	7	0	15	2	0	17	0	48	0	0	48	1	58	1	0	60	132
8:15AM	1	5	1	0	7	1	8	0	0	9	1	46	0	0	47	0	77	5	0	82	145
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	11	2	0	14	1	23	2	0	26	1	94	0	0	95	1	135	6	0	142	277
Total	14	201	36	0	251	29	173	30	0	232	31	1548	15	0	1594	21	1536	40	0	1597	3674
% Approach	5.6%	80.1%	14.3%	0%	-	12.5%	74.6%	12.9%	0%	-	1.9%	97.1%	0.9%	0%	-	1.3%	96.2%	2.5%	0%	-	-
% Total	0.4%	5.5%	1.0%	0%	6.8%	0.8%	4.7%	0.8%	0%	6.3%	0.8%	42.1%	0.4%	0%	43.4%	0.6%	41.8%	1.1%	0%	43.5%	-
Lights and Motorcycles	14	196	36	0	246	26	171	30	0	227	28	1477	14	0	1519	21	1452	40	0	1513	3505
% Lights and Motorcycles	100%	97.5%	100%	0%	98.0%	89.7%	98.8%	100%	0%	97.8%	90.3%	95.4%	93.3%	0%	95.3%	100%	94.5%	100%	0%	94.7%	95.4%
Heavy	0	5	0	0	5	3	2	0	0	5	3	71	1	0	75	0	84	0	0	84	169
% Heavy	0%	2.5%	0%	0%	2.0%	10.3%	1.2%	0%	0%	2.2%	9.7%	4.6%	6.7%	0%	4.7%	0%	5.5%	0%	0%	5.3%	4.6%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & PRAIRIE BAPTIST - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 7:15AM - 8:15AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565529, Location: 40.029939, -85.900555



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-20																						
7:15AM	0	1	0	0	1	0	10	2	0	12	1	52	0	0	53	0	81	0	0	81	147	
7:30AM	2	7	0	0	9	4	15	0	0	19	2	64	1	0	67	4	105	5	0	114	209	
7:45AM	0	5	0	0	5	1	12	3	0	16	0	46	1	0	47	1	86	3	0	90	158	
8:00AM	0	6	1	0	7	0	15	2	0	17	0	48	0	0	48	1	58	1	0	60	132	
Total	2	19	1	0	22	5	52	7	0	64	3	210	2	0	215	6	330	9	0	345	646	
% Approach	9.1%	86.4%	4.5%	0%	-	7.8%	81.3%	10.9%	0%	-	1.4%	97.7%	0.9%	0%	-	1.7%	95.7%	2.6%	0%	-	-	
% Total	0.3%	2.9%	0.2%	0%	3.4%	0.8%	8.0%	1.1%	0%	9.9%	0.5%	32.5%	0.3%	0%	33.3%	0.9%	51.1%	1.4%	0%	53.4%	-	
PHF	0.250	0.679	0.250	-	0.611	0.313	0.867	0.583	-	0.842	0.375	0.820	0.500	-	0.802	0.375	0.786	0.450	-	0.757	0.773	
Lights and Motorcycles	2	19	1	0	22	5	52	7	0	64	3	192	2	0	197	6	309	9	0	324	607	
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	91.4%	100%	0%	91.6%	100%	93.6%	100%	0%	93.9%	94.0%	
Heavy	0	0	0	0	0	0	0	0	0	0	0	18	0	0	18	0	21	0	0	21	39	
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	8.6%	0%	0%	8.4%	0%	6.4%	0%	0%	6.1%	6.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & PRAIRIE BAPTIST - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565529, Location: 40.029939, -85.900555



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19 4:45PM	0	12	0	0	12	0	3	0	0	3	2	83	0	0	85	0	76	1	0	77	177
5:00PM	0	14	4	0	18	3	4	1	0	8	2	107	0	0	109	1	69	3	0	73	208
5:15PM	1	19	4	0	24	5	5	0	0	10	0	93	0	0	93	1	76	3	0	80	207
5:30PM	2	9	1	0	12	4	8	3	0	15	0	89	1	0	90	2	70	1	0	73	190
Total	3	54	9	0	66	12	20	4	0	36	4	372	1	0	377	4	291	8	0	303	782
% Approach	4.5%	81.8%	13.6%	0%	-	33.3%	55.6%	11.1%	0%	-	1.1%	98.7%	0.3%	0%	-	1.3%	96.0%	2.6%	0%	-	-
% Total	0.4%	6.9%	1.2%	0%	8.4%	1.5%	2.6%	0.5%	0%	4.6%	0.5%	47.6%	0.1%	0%	48.2%	0.5%	37.2%	1.0%	0%	38.7%	-
PHF	0.375	0.711	0.563	-	0.688	0.600	0.625	0.333	-	0.600	0.500	0.869	0.250	-	0.865	0.500	0.957	0.667	-	0.947	0.940
Lights and Motorcycles	3	54	9	0	66	11	20	4	0	35	4	363	1	0	368	4	278	8	0	290	759
% Lights and Motorcycles	100%	100%	100%	0%	100%	91.7%	100%	100%	0%	97.2%	100%	97.6%	100%	0%	97.6%	100%	95.5%	100%	0%	95.7%	97.1%
Heavy	0	0	0	0	0	1	0	0	0	1	0	9	0	0	9	0	13	0	0	13	23
% Heavy	0%	0%	0%	0%	0%	8.3%	0%	0%	0%	2.8%	0%	2.4%	0%	0%	2.4%	0%	4.5%	0%	0%	4.3%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

166TH & OLIO RD - TMC

Tue Jan 29, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641354, Location: 40.030789, -85.919423, Site Code: i-167



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-29																					
6:30AM	2	13	0	0	15	0	20	0	0	20	1	0	2	0	3	7	0	0	0	7	45
6:45AM	3	23	0	0	26	0	32	1	0	33	1	0	5	0	6	4	0	0	0	4	69
Hourly Total	5	36	0	0	41	0	52	1	0	53	2	0	7	0	9	11	0	0	0	11	114
7:00AM	3	16	0	0	19	0	34	0	0	34	0	1	7	0	8	0	2	0	0	2	63
7:15AM	1	20	0	0	21	0	32	0	0	32	0	3	5	0	8	4	2	0	0	6	67
7:30AM	1	27	1	0	29	0	24	0	0	24	0	4	3	0	7	5	0	0	0	5	65
7:45AM	2	40	3	0	45	0	39	1	0	40	1	2	2	0	5	5	2	0	0	7	97
Hourly Total	7	103	4	0	114	0	129	1	0	130	1	10	17	0	28	14	6	0	0	20	292
8:00AM	5	28	1	0	34	0	25	2	0	27	0	1	3	0	4	3	0	0	0	3	68
8:15AM	3	30	2	0	35	0	25	0	0	25	1	0	0	0	1	4	0	1	0	5	66
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	8	58	3	0	69	0	50	2	0	52	1	1	3	0	5	7	0	1	0	8	134
3:00PM	6	16	0	0	22	0	16	1	0	17	0	3	1	0	4	1	0	0	0	1	44
3:15PM	5	37	1	0	43	0	15	0	0	15	2	1	4	0	7	3	0	0	0	3	68
3:30PM	3	23	2	0	28	0	24	0	0	24	1	4	8	0	13	5	2	0	0	7	72
3:45PM	5	31	2	0	38	0	27	0	0	27	0	2	1	0	3	1	0	0	0	1	69
Hourly Total	19	107	5	0	131	0	82	1	0	83	3	10	14	0	27	10	2	0	0	12	253
4:00PM	5	33	2	0	40	0	24	1	0	25	1	3	12	0	16	2	0	0	0	2	83
4:15PM	8	40	1	0	49	0	19	0	0	19	0	3	3	0	6	1	0	0	0	1	75
4:30PM	8	47	4	0	59	0	17	0	0	17	0	3	7	0	10	1	1	0	0	2	88
4:45PM	5	43	6	0	54	0	26	1	0	27	0	3	14	0	17	1	6	0	0	7	105
Hourly Total	26	163	13	0	202	0	86	2	0	88	1	12	36	0	49	5	7	0	0	12	351
5:00PM	13	38	3	0	54	0	30	0	0	30	1	5	14	0	20	1	3	1	0	5	109
5:15PM	9	37	3	0	49	0	28	1	0	29	1	2	11	0	14	0	2	0	0	2	94
5:30PM	8	36	2	0	46	0	34	0	0	34	0	3	6	0	9	2	4	0	0	6	95
5:45PM	4	37	1	0	42	0	23	0	0	23	0	4	11	0	15	3	0	0	0	3	83
Hourly Total	34	148	9	0	191	0	115	1	0	116	2	14	42	0	58	6	9	1	0	16	381
6:00PM	3	18	2	0	23	0	20	0	0	20	0	1	3	0	4	2	0	0	0	2	49
6:15PM	4	27	3	0	34	0	17	1	0	18	0	0	5	0	5	2	1	0	0	3	60
6:30PM	3	22	2	0	27	0	14	1	0	15	0	0	8	0	8	3	1	0	0	4	54
6:45PM	3	21	2	0	26	0	22	0	0	22	0	1	3	0	4	1	3	0	0	4	56
Hourly Total	13	88	9	0	110	0	73	2	0	75	0	2	19	0	21	8	5	0	0	13	219
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	112	703	43	0	858	0	587	10	0	597	10	49	138	0	197	61	29	2	0	92	1744
% Approach	13.1%	81.9%	5.0%	0%	-	0%	98.3%	1.7%	0%	-	5.1%	24.9%	70.1%	0%	-	66.3%	31.5%	2.2%	0%	-	-
% Total	6.4%	40.3%	2.5%	0%	49.2%	0%	33.7%	0.6%	0%	34.2%	0.6%	2.8%	7.9%	0%	11.3%	3.5%	1.7%	0.1%	0%	5.3%	-
Lights and Motorcycles	111	692	42	0	845	0	575	9	0	584	9	47	135	0	191	61	29	2	0	92	1712
% Lights and Motorcycles	99.1%	98.4%	97.7%	0%	98.5%	0%	98.0%	90.0%	0%	97.8%	90.0%	95.9%	97.8%	0%	97.0%	100%	100%	100%	0%	100%	98.2%
Heavy	1	11	1	0	13	0	12	1	0	13	1	2	3	0	6	0	0	0	0	0	32
% Heavy	0.9%	1.6%	2.3%	0%	1.5%	0%	2.0%	10.0%	0%	2.2%	10.0%	4.1%	2.2%	0%	3.0%	0%	0%	0%	0%	0%	1.8%

*L: Left, R: Right, T: Thru, U: U-Turn

166TH & OLIO RD - TMC

Tue Jan 29, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641354, Location: 40.030789, -85.919423, Site Code: i-167



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-29 7:15AM	1	20	0	0	21	0	32	0	0	32	0	3	5	0	8	4	2	0	0	6	67
7:30AM	1	27	1	0	29	0	24	0	0	24	0	4	3	0	7	5	0	0	0	5	65
7:45AM	2	40	3	0	45	0	39	1	0	40	1	2	2	0	5	5	2	0	0	7	97
8:00AM	5	28	1	0	34	0	25	2	0	27	0	1	3	0	4	3	0	0	0	3	68
Total	9	115	5	0	129	0	120	3	0	123	1	10	13	0	24	17	4	0	0	21	297
% Approach	7.0%	89.1%	3.9%	0%	-	0%	97.6%	2.4%	0%	-	4.2%	41.7%	54.2%	0%	-	81.0%	19.0%	0%	0%	-	-
% Total	3.0%	38.7%	1.7%	0%	43.4%	0%	40.4%	1.0%	0%	41.4%	0.3%	3.4%	4.4%	0%	8.1%	5.7%	1.3%	0%	0%	7.1%	-
PHF	0.450	0.719	0.417	-	0.717	-	0.769	0.375	-	0.769	0.250	0.625	0.650	-	0.750	0.850	0.500	-	-	0.750	0.765
Lights and Motorcycles	9	113	4	0	126	0	119	3	0	122	1	10	13	0	24	17	4	0	0	21	293
% Lights and Motorcycles	100%	98.3%	80.0%	0%	97.7%	0%	99.2%	100%	0%	99.2%	100%	100%	100%	0%	100%	100%	100%	0%	0%	100%	98.7%
Heavy	0	2	1	0	3	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	4
% Heavy	0%	1.7%	20.0%	0%	2.3%	0%	0.8%	0%	0%	0.8%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.3%

*L: Left, R: Right, T: Thru, U: U-Turn

166TH & OLIO RD - TMC

Tue Jan 29, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641354, Location: 40.030789, -85.919423, Site Code: i-167



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-29 4:45PM	5	43	6	0	54	0	26	1	0	27	0	3	14	0	17	1	6	0	0	7	105
5:00PM	13	38	3	0	54	0	30	0	0	30	1	5	14	0	20	1	3	1	0	5	109
5:15PM	9	37	3	0	49	0	28	1	0	29	1	2	11	0	14	0	2	0	0	2	94
5:30PM	8	36	2	0	46	0	34	0	0	34	0	3	6	0	9	2	4	0	0	6	95
Total	35	154	14	0	203	0	118	2	0	120	2	13	45	0	60	4	15	1	0	20	403
% Approach	17.2%	75.9%	6.9%	0%	-	0%	98.3%	1.7%	0%	-	3.3%	21.7%	75.0%	0%	-	20.0%	75.0%	5.0%	0%	-	-
% Total	8.7%	38.2%	3.5%	0%	50.4%	0%	29.3%	0.5%	0%	29.8%	0.5%	3.2%	11.2%	0%	14.9%	1.0%	3.7%	0.2%	0%	5.0%	-
PHF	0.673	0.895	0.583	-	0.940	-	0.868	0.500	-	0.882	0.500	0.650	0.804	-	0.750	0.500	0.625	0.250	-	0.714	0.924
Lights and Motorcycles	35	154	14	0	203	0	116	2	0	118	2	13	45	0	60	4	15	1	0	20	401
% Lights and Motorcycles	100%	100%	100%	0%	100%	0%	98.3%	100%	0%	98.3%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	99.5%
Heavy	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	2
% Heavy	0%	0%	0%	0%	0%	0%	1.7%	0%	0%	1.7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & BODEN RD - TMC

Tue Jan 29, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641357, Location: 40.030759, -85.938005, Site Code: i-168



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-29																					
6:30AM	1	8	1	0	10	1	23	3	0	27	2	4	8	0	14	0	3	0	0	3	54
6:45AM	2	12	1	0	15	0	32	5	0	37	3	4	13	0	20	1	4	0	0	5	77
Hourly Total	3	20	2	0	25	1	55	8	0	64	5	8	21	0	34	1	7	0	0	8	131
7:00AM	3	14	1	0	18	0	18	4	0	22	3	8	18	0	29	1	6	0	0	7	76
7:15AM	4	21	0	0	25	0	29	6	0	35	4	5	13	0	22	1	3	0	0	4	86
7:30AM	6	35	1	0	42	0	30	5	0	35	5	7	10	0	22	1	1	0	0	2	101
7:45AM	6	29	1	0	36	0	57	8	0	65	6	3	9	0	18	2	4	0	0	6	125
Hourly Total	19	99	3	0	121	0	134	23	0	157	18	23	50	0	91	5	14	0	0	19	388
8:00AM	2	16	1	0	19	0	25	6	0	31	6	4	10	0	20	1	6	0	0	7	77
8:15AM	7	16	0	0	23	0	38	8	0	46	2	1	13	0	16	0	3	0	0	3	88
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	9	32	1	0	42	0	63	14	0	77	8	5	23	0	36	1	9	0	0	10	165
3:00PM	9	27	0	0	36	1	15	9	0	25	2	6	5	0	13	1	6	0	0	7	81
3:15PM	20	32	0	0	52	0	19	3	0	22	3	8	9	0	20	0	4	1	0	5	99
3:30PM	9	32	0	0	41	1	35	4	0	40	3	12	11	0	26	1	5	0	0	6	113
3:45PM	24	26	0	0	50	0	34	5	0	39	2	3	15	0	20	0	5	0	0	5	114
Hourly Total	62	117	0	0	179	2	103	21	0	126	10	29	40	0	79	2	20	1	0	23	407
4:00PM	18	33	0	0	51	1	27	3	0	31	6	16	11	0	33	0	2	0	0	2	117
4:15PM	16	35	0	0	51	1	24	5	0	30	5	7	12	0	24	0	9	0	0	9	114
4:30PM	16	49	0	0	65	0	35	5	0	40	3	11	14	0	28	0	7	0	0	7	140
4:45PM	11	38	0	1	50	1	45	5	0	51	7	15	10	0	32	2	11	1	0	14	147
Hourly Total	61	155	0	1	217	3	131	18	0	152	21	49	47	0	117	2	29	1	0	32	518
5:00PM	29	33	3	0	65	0	31	6	0	37	3	20	8	0	31	1	11	1	0	13	146
5:15PM	12	33	1	0	46	0	42	4	0	46	9	12	12	0	33	1	13	0	0	14	139
5:30PM	10	38	0	0	48	1	26	9	0	36	4	11	9	0	24	0	7	1	0	8	116
5:45PM	26	28	0	0	54	1	35	8	0	44	3	12	17	0	32	2	4	0	0	6	136
Hourly Total	77	132	4	0	213	2	134	27	0	163	19	55	46	0	120	4	35	2	0	41	537
6:00PM	19	25	0	0	44	0	25	4	0	29	3	3	12	0	18	0	4	0	0	4	95
6:15PM	12	19	0	0	31	0	20	5	0	25	2	6	12	0	20	0	7	0	0	7	83
6:30PM	9	29	0	0	38	0	16	4	0	20	4	8	7	0	19	1	4	0	0	5	82
6:45PM	8	24	0	0	32	0	22	0	0	22	2	3	5	0	10	0	5	0	0	5	69
Hourly Total	48	97	0	0	145	0	83	13	0	96	11	20	36	0	67	1	20	0	0	21	329
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	279	652	10	1	942	8	703	124	0	835	92	189	263	0	544	16	134	4	0	154	2475
% Approach	29.6%	69.2%	1.1%	0.1%	-	1.0%	84.2%	14.9%	0%	-	16.9%	34.7%	48.3%	0%	-	10.4%	87.0%	2.6%	0%	-	-
% Total	11.3%	26.3%	0.4%	0%	38.1%	0.3%	28.4%	5.0%	0%	33.7%	3.7%	7.6%	10.6%	0%	22.0%	0.6%	5.4%	0.2%	0%	6.2%	-
Lights and Motorcycles	274	624	9	1	908	5	676	123	0	804	91	187	262	0	540	14	133	4	0	151	2403
% Lights and Motorcycles	98.2%	95.7%	90.0%	100%	96.4%	62.5%	96.2%	99.2%	0%	96.3%	98.9%	98.9%	99.6%	0%	99.3%	87.5%	99.3%	100%	0%	98.1%	97.1%
Heavy	5	28	1	0	34	3	27	1	0	31	1	2	1	0	4	2	1	0	0	3	72
% Heavy	1.8%	4.3%	10.0%	0%	3.6%	37.5%	3.8%	0.8%	0%	3.7%	1.1%	1.1%	0.4%	0%	0.7%	12.5%	0.7%	0%	0%	1.9%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & BODEN RD - TMC

Tue Jan 29, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641357, Location: 40.030759, -85.938005, Site Code: i-168



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-29																						
7:30AM	6	35	1	0	42	0	30	5	0	35	5	7	10	0	22	1	1	0	0	2	101	
7:45AM	6	29	1	0	36	0	57	8	0	65	6	3	9	0	18	2	4	0	0	6	125	
8:00AM	2	16	1	0	19	0	25	6	0	31	6	4	10	0	20	1	6	0	0	7	77	
8:15AM	7	16	0	0	23	0	38	8	0	46	2	1	13	0	16	0	3	0	0	3	88	
Total	21	96	3	0	120	0	150	27	0	177	19	15	42	0	76	4	14	0	0	18	391	
% Approach	17.5%	80.0%	2.5%	0%	-	0%	84.7%	15.3%	0%	-	25.0%	19.7%	55.3%	0%	-	22.2%	77.8%	0%	0%	-	-	
% Total	5.4%	24.6%	0.8%	0%	30.7%	0%	38.4%	6.9%	0%	45.3%	4.9%	3.8%	10.7%	0%	19.4%	1.0%	3.6%	0%	0%	4.6%	-	
PHF	0.750	0.686	0.750	-	0.714	-	0.658	0.844	-	0.681	0.792	0.536	0.808	-	0.864	0.500	0.583	-	-	0.643	0.782	
Lights and Motorcycles	18	89	3	0	110	0	141	27	0	168	19	15	42	0	76	4	13	0	0	17	371	
% Lights and Motorcycles	85.7%	92.7%	100%	0%	91.7%	0%	94.0%	100%	0%	94.9%	100%	100%	100%	0%	100%	100%	92.9%	0%	0%	94.4%	94.9%	
Heavy	3	7	0	0	10	0	9	0	0	9	0	0	0	0	0	0	1	0	0	1	20	
% Heavy	14.3%	7.3%	0%	0%	8.3%	0%	6.0%	0%	0%	5.1%	0%	0%	0%	0%	0%	0%	7.1%	0%	0%	5.6%	5.1%	

*L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & BODEN RD - TMC

Tue Jan 29, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641357, Location: 40.030759, -85.938005, Site Code: i-168



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-01-29																									
4:30PM	16	49	0	0	65	0	35	5	0	40	3	11	14	0	28	0	7	0	0	7	140				
4:45PM	11	38	0	1	50	1	45	5	0	51	7	15	10	0	32	2	11	1	0	14	147				
5:00PM	29	33	3	0	65	0	31	6	0	37	3	20	8	0	31	1	11	1	0	13	146				
5:15PM	12	33	1	0	46	0	42	4	0	46	9	12	12	0	33	1	13	0	0	14	139				
Total	68	153	4	1	226	1	153	20	0	174	22	58	44	0	124	4	42	2	0	48	572				
% Approach	30.1%	67.7%	1.8%	0.4%	-	0.6%	87.9%	11.5%	0%	-	17.7%	46.8%	35.5%	0%	-	8.3%	87.5%	4.2%	0%	-	-				
% Total	11.9%	26.7%	0.7%	0.2%	39.5%	0.2%	26.7%	3.5%	0%	30.4%	3.8%	10.1%	7.7%	0%	21.7%	0.7%	7.3%	0.3%	0%	8.4%	-				
PHF	0.586	0.781	0.333	0.250	0.869	0.250	0.850	0.833	-	0.853	0.611	0.725	0.786	-	0.939	0.500	0.808	0.500	-	0.857	0.973				
Lights and Motorcycles	68	150	4	1	223	1	151	20	0	172	22	58	44	0	124	4	42	2	0	48	567				
% Lights and Motorcycles	100%	98.0%	100%	100%	98.7%	100%	98.7%	100%	0%	98.9%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	99.1%				
Heavy	0	3	0	0	3	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	5				
% Heavy	0%	2.0%	0%	0%	1.3%	0%	1.3%	0%	0%	1.1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.9%				

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(169) 166th Street & Summer Road
5/7/2019
SK

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:15 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	87	9	7	103					77	1	8	86
SOUTHBOUND	2	6	6	14					14	8	19	41
EASTBOUND	32	85	41	158					14	131	104	249
WESTBOUND	6	101	7	114					8	111	3	122

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.80				0.98	
SOUTHBOUND	0.58	0.86			0.68	0.98
EASTBOUND	0.90				0.86	
WESTBOUND	0.84				0.90	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	3.4%	0.0%	0.0%	2.9%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	100.0%	16.7%	50.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	7.9%	0.0%	7.0%					0.0%	0.9%	0.0%	0.8%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	26	3	29	61	52	113	142
7:00 AM	TO	8:00 AM	94	15	109	163	107	270	379
8:00 AM	TO	9:00 AM	39	1	40	47	56	103	143
3:00 PM	TO	4:00 PM	74	4	78	229	106	335	413
4:00 PM	TO	5:00 PM	57	14	71	240	101	341	412
5:00 PM	TO	6:00 PM	95	21	116	261	116	377	493
6:00 PM	TO	7:00 PM	78	30	108	252	106	358	466
TOTAL VOLUME			463	88	551	1253	644	1897	2448
PERCENTAGE			18.9%	3.6%	22.5%	51.2%	26.3%	77.5%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(169) 166th Street & Summer Road
5/7/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	15	0	15	5	0	5	6	0	6	26	0	26
7:00 AM - 8:00 AM	79	3	82	7	0	7	5	0	5	91	3	94
8:00 AM - 9:00 AM	32	1	33	3	0	3	3	0	3	38	1	39
PM TIME PERIOD												
3:00 PM - 4:00 PM	60	1	61	3	0	3	9	1	10	72	2	74
4:00 PM - 5:00 PM	46	0	46	1	0	1	9	1	10	56	1	57
5:00 PM - 6:00 PM	93	0	93	1	0	1	1	0	1	95	0	95
6:00 PM - 7:00 PM	71	0	71	0	0	0	7	0	7	78	0	78
PASSENGER	396 98.8%			20 100.0%			40 95.2%			456 98.5%		
TRUCK	5 1.2%			0 0.0%			2 4.8%			7 1.5%		
BOTH	401 86.6%			20 4.3%			42 9.1%			463 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	3	0	3	3	0	3
7:00 AM - 8:00 AM	2	0	2	1	6	7	5	1	6	8	7	15
8:00 AM - 9:00 AM	0	0	0	0	0	0	0	1	1	0	1	1
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3	0	0	0	1	0	1	4	0	4
4:00 PM - 5:00 PM	2	0	2	0	0	0	12	0	12	14	0	14
5:00 PM - 6:00 PM	5	0	5	6	0	6	10	0	10	21	0	21
6:00 PM - 7:00 PM	12	0	12	2	0	2	16	0	16	30	0	30
PASSENGER	24 100.0%			9 60.0%			47 95.9%			80 90.9%		
TRUCK	0 0.0%			6 40.0%			2 4.1%			8 9.1%		
BOTH	24 27.3%			15 17.0%			49 55.7%			88 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	5	0	5	44	0	44	12	0	12	61	0	61
7:00 AM - 8:00 AM	30	0	30	87	0	87	46	0	46	163	0	163
8:00 AM - 9:00 AM	9	0	9	26	0	26	12	0	12	47	0	47
PM TIME PERIOD												
3:00 PM - 4:00 PM	12	0	12	118	3	121	95	1	96	225	4	229
4:00 PM - 5:00 PM	16	0	16	137	0	137	86	1	87	239	1	240
5:00 PM - 6:00 PM	13	1	14	126	2	128	119	0	119	258	3	261
6:00 PM - 7:00 PM	5	0	5	140	0	140	107	0	107	252	0	252
PASSENGER	90 98.9%			678 99.3%			477 99.6%			1245 99.4%		
TRUCK	1 1.1%			5 0.7%			2 0.4%			8 0.6%		
BOTH	91 7.3%			683 54.5%			479 38.2%			1253 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	47	3	50	2	0	2	49	3	52
7:00 AM - 8:00 AM	5	0	5	91	7	98	4	0	4	100	7	107
8:00 AM - 9:00 AM	1	0	1	46	3	49	6	0	6	53	3	56
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	1	5	86	3	89	12	0	12	102	4	106
4:00 PM - 5:00 PM	7	0	7	90	0	90	4	0	4	101	0	101
5:00 PM - 6:00 PM	6	0	6	105	0	105	5	0	5	116	0	116
6:00 PM - 7:00 PM	4	0	4	100	1	101	1	0	1	105	1	106
PASSENGER	27 96.4%			565 97.1%			34 100.0%			626 97.2%		
TRUCK	1 3.6%			17 2.9%			0 0.0%			18 2.8%		
BOTH	28 4.3%			582 90.4%			34 5.3%			644 100.0%		

166TH ST & UNION CHAPEL RD - TMC

Thu Feb 7, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619361, Location: 40.030434, -85.975953, Site Code: i-170



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-07																					
6:30AM	6	20	0	0	26	5	17	5	0	27	1	2	3	0	6	7	4	11	0	22	81
6:45AM	6	39	2	0	47	2	21	2	0	25	0	1	1	0	2	4	13	17	0	34	108
Hourly Total	12	59	2	0	73	7	38	7	0	52	1	3	4	0	8	11	17	28	0	56	189
7:00AM	3	63	4	0	70	6	21	3	0	30	1	1	2	0	4	2	16	26	0	44	148
7:15AM	1	44	1	0	46	10	18	3	0	31	2	2	5	0	9	1	15	17	0	33	119
7:30AM	2	46	4	0	52	11	36	6	0	53	0	7	3	0	10	2	18	21	0	41	156
7:45AM	5	57	2	0	64	7	40	3	0	50	1	6	6	0	13	6	11	21	0	38	165
Hourly Total	11	210	11	0	232	34	115	15	0	164	4	16	16	0	36	11	60	85	0	156	588
8:00AM	2	37	4	0	43	9	39	0	0	48	2	1	3	0	6	1	17	16	0	34	131
8:15AM	5	33	3	0	41	12	25	4	0	41	0	4	2	0	6	2	14	17	0	33	121
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	7	70	7	0	84	21	64	4	0	89	2	5	5	0	12	3	31	33	0	67	252
3:00PM	3	38	3	0	44	19	40	3	0	62	2	14	7	0	23	2	12	24	0	38	167
3:15PM	7	38	2	0	47	24	42	2	0	68	1	12	3	0	16	4	6	15	0	25	156
3:30PM	7	39	6	0	52	23	70	2	0	95	4	15	4	0	23	5	7	25	0	37	207
3:45PM	7	51	5	0	63	18	50	0	0	68	4	11	4	0	19	6	8	17	0	31	181
Hourly Total	24	166	16	0	206	84	202	7	0	293	11	52	18	0	81	17	33	81	0	131	711
4:00PM	1	60	6	0	67	20	51	1	0	72	8	23	13	0	44	4	6	22	0	32	215
4:15PM	4	54	7	0	65	18	63	1	0	82	4	17	5	0	26	2	13	28	0	43	216
4:30PM	6	50	5	0	61	26	63	5	0	94	7	24	2	0	33	3	9	14	0	26	214
4:45PM	13	54	4	0	71	34	61	2	0	97	3	23	4	0	30	1	9	36	0	46	244
Hourly Total	24	218	22	0	264	98	238	9	0	345	22	87	24	0	133	10	37	100	0	147	889
5:00PM	3	64	4	0	71	24	67	1	0	92	5	12	3	0	20	2	16	16	0	34	217
5:15PM	7	61	4	0	72	37	49	2	0	88	6	24	8	0	38	3	14	23	0	40	238
5:30PM	7	57	6	0	70	32	72	1	0	105	12	17	6	0	35	6	12	29	0	47	257
5:45PM	10	43	6	0	59	31	70	3	0	104	6	23	9	0	38	6	13	18	0	37	238
Hourly Total	27	225	20	0	272	124	258	7	0	389	29	76	26	0	131	17	55	86	0	158	950
6:00PM	8	47	4	0	59	36	54	1	0	91	6	13	10	0	29	5	12	20	0	37	216
6:15PM	5	48	3	0	56	29	48	1	0	78	2	12	9	0	23	5	9	25	0	39	196
6:30PM	3	35	4	0	42	22	54	3	0	79	5	14	7	0	26	3	6	12	0	21	168
6:45PM	3	24	2	0	29	17	39	1	0	57	1	16	5	0	22	0	11	16	0	27	135
Hourly Total	19	154	13	0	186	104	195	6	0	305	14	55	31	0	100	13	38	73	0	124	715
Total	124	1102	91	0	1317	472	1110	55	0	1637	83	294	124	0	501	82	271	486	0	839	4294
% Approach	9.4%	83.7%	6.9%	0%	-	28.8%	67.8%	3.4%	0%	-	16.6%	58.7%	24.8%	0%	-	9.8%	32.3%	57.9%	0%	-	-
% Total	2.9%	25.7%	2.1%	0%	30.7%	11.0%	25.9%	1.3%	0%	38.1%	1.9%	6.8%	2.9%	0%	11.7%	1.9%	6.3%	11.3%	0%	19.5%	-
Lights and Motorcycles	121	1077	88	0	1286	463	1088	53	0	1604	82	291	119	0	492	81	268	478	0	827	4209
% Lights and Motorcycles	97.6%	97.7%	96.7%	0%	97.6%	98.1%	98.0%	96.4%	0%	98.0%	98.8%	99.0%	96.0%	0%	98.2%	98.8%	98.9%	98.4%	0%	98.6%	98.0%
Heavy	3	25	3	0	31	9	22	2	0	33	1	3	5	0	9	1	3	8	0	12	85
% Heavy	2.4%	2.3%	3.3%	0%	2.4%	1.9%	2.0%	3.6%	0%	2.0%	1.2%	1.0%	4.0%	0%	1.8%	1.2%	1.1%	1.6%	0%	1.4%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & UNION CHAPEL RD - TMC

Thu Feb 7, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619361, Location: 40.030434, -85.975953, Site Code: i-170



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-02-07																									
7:00AM	3	63	4	0	70	6	21	3	0	30	1	1	2	0	4	2	16	26	0	44	148				
7:15AM	1	44	1	0	46	10	18	3	0	31	2	2	5	0	9	1	15	17	0	33	119				
7:30AM	2	46	4	0	52	11	36	6	0	53	0	7	3	0	10	2	18	21	0	41	156				
7:45AM	5	57	2	0	64	7	40	3	0	50	1	6	6	0	13	6	11	21	0	38	165				
Total	11	210	11	0	232	34	115	15	0	164	4	16	16	0	36	11	60	85	0	156	588				
% Approach	4.7%	90.5%	4.7%	0%	-	20.7%	70.1%	9.1%	0%	-	11.1%	44.4%	44.4%	0%	-	7.1%	38.5%	54.5%	0%	-	-				
% Total	1.9%	35.7%	1.9%	0%	39.5%	5.8%	19.6%	2.6%	0%	27.9%	0.7%	2.7%	2.7%	0%	6.1%	1.9%	10.2%	14.5%	0%	26.5%	-				
PHF	0.550	0.833	0.688	-	0.829	0.773	0.719	0.625	-	0.774	0.500	0.571	0.667	-	0.692	0.458	0.833	0.817	-	0.886	0.891				
Lights and Motorcycles	10	206	11	0	227	33	106	13	0	152	4	15	16	0	35	11	59	83	0	153	567				
% Lights and Motorcycles	90.9%	98.1%	100%	0%	97.8%	97.1%	92.2%	86.7%	0%	92.7%	100%	93.8%	100%	0%	97.2%	100%	98.3%	97.6%	0%	98.1%	96.4%				
Heavy	1	4	0	0	5	1	9	2	0	12	0	1	0	0	1	0	1	2	0	3	21				
% Heavy	9.1%	1.9%	0%	0%	2.2%	2.9%	7.8%	13.3%	0%	7.3%	0%	6.3%	0%	0%	2.8%	0%	1.7%	2.4%	0%	1.9%	3.6%				

*L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & UNION CHAPEL RD - TMC

Thu Feb 7, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619361, Location: 40.030434, -85.975953, Site Code: i-170



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-07																						
4:45PM	13	54	4	0	71	34	61	2	0	97	3	23	4	0	30	1	9	36	0	46	244	
5:00PM	3	64	4	0	71	24	67	1	0	92	5	12	3	0	20	2	16	16	0	34	217	
5:15PM	7	61	4	0	72	37	49	2	0	88	6	24	8	0	38	3	14	23	0	40	238	
5:30PM	7	57	6	0	70	32	72	1	0	105	12	17	6	0	35	6	12	29	0	47	257	
Total	30	236	18	0	284	127	249	6	0	382	26	76	21	0	123	12	51	104	0	167	956	
% Approach	10.6%	83.1%	6.3%	0%	-	33.2%	65.2%	1.6%	0%	-	21.1%	61.8%	17.1%	0%	-	7.2%	30.5%	62.3%	0%	-	-	
% Total	3.1%	24.7%	1.9%	0%	29.7%	13.3%	26.0%	0.6%	0%	40.0%	2.7%	7.9%	2.2%	0%	12.9%	1.3%	5.3%	10.9%	0%	17.5%	-	
PHF	0.577	0.922	0.750	-	0.986	0.858	0.865	0.750	-	0.910	0.542	0.792	0.656	-	0.809	0.500	0.797	0.722	-	0.888	0.930	
Lights and Motorcycles	30	234	18	0	282	126	249	6	0	381	26	76	21	0	123	12	51	104	0	167	953	
% Lights and Motorcycles	100%	99.2%	100%	0%	99.3%	99.2%	100%	100%	0%	99.7%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	99.7%	
Heavy	0	2	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	
% Heavy	0%	0.8%	0%	0%	0.7%	0.8%	0%	0%	0%	0.3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.3%	

* L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & CUMBERLAND RD - TMC

Thu Feb 7, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619360, Location: 40.02855, -85.99446, Site Code: i-171



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-02-07 6:30AM	3	1	0	4	3	12	0	15	13	3	0	16	35
6:45AM	9	1	0	10	3	12	0	15	14	10	0	24	49
Hourly Total	12	2	0	14	6	24	0	30	27	13	0	40	84
7:00AM	13	0	0	13	3	6	0	9	15	16	0	31	53
7:15AM	6	1	0	7	9	7	0	16	17	7	0	24	47
7:30AM	7	1	0	8	7	4	0	11	17	11	0	28	47
7:45AM	15	3	0	18	9	14	0	23	16	12	0	28	69
Hourly Total	41	5	0	46	28	31	0	59	65	46	0	111	216
8:00AM	12	5	0	17	4	14	0	18	19	7	0	26	61
8:15AM	16	4	0	20	4	15	0	19	19	14	0	33	72
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	28	9	0	37	8	29	0	37	38	21	0	59	133
3:00PM	27	17	0	44	14	28	0	42	11	14	0	25	111
3:15PM	29	7	0	36	16	26	0	42	6	17	0	23	101
3:30PM	28	13	0	41	14	23	0	37	8	10	0	18	96
3:45PM	40	17	0	57	16	35	0	51	10	11	0	21	129
Hourly Total	124	54	0	178	60	112	0	172	35	52	0	87	437
4:00PM	39	21	0	60	25	25	0	50	7	8	0	15	125
4:15PM	37	14	0	51	14	30	0	44	12	15	0	27	122
4:30PM	52	28	0	80	15	21	0	36	12	14	0	26	142
4:45PM	30	23	0	53	24	39	0	63	6	16	0	22	138
Hourly Total	158	86	0	244	78	115	0	193	37	53	0	90	527
5:00PM	37	16	0	53	14	39	0	53	10	12	0	22	128
5:15PM	49	21	0	70	25	40	0	65	14	10	0	24	159
5:30PM	46	25	0	71	23	31	0	54	7	25	0	32	157
5:45PM	36	17	0	53	27	35	0	62	10	24	0	34	149
Hourly Total	168	79	0	247	89	145	0	234	41	71	0	112	593
6:00PM	24	15	0	39	20	36	0	56	10	13	0	23	118
6:15PM	47	10	0	57	17	32	0	49	4	18	0	22	128
6:30PM	28	14	0	42	16	39	0	55	7	8	0	15	112
6:45PM	23	7	0	30	24	41	0	65	8	10	0	18	113
Hourly Total	122	46	0	168	77	148	0	225	29	49	0	78	471
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	653	281	0	934	346	604	0	950	272	305	0	577	2461
% Approach	69.9%	30.1%	0%	-	36.4%	63.6%	0%	-	47.1%	52.9%	0%	-	-
% Total	26.5%	11.4%	0%	38.0%	14.1%	24.5%	0%	38.6%	11.1%	12.4%	0%	23.4%	-
Lights and Motorcycles	651	278	0	929	345	599	0	944	270	300	0	570	2443
% Lights and Motorcycles	99.7%	98.9%	0%	99.5%	99.7%	99.2%	0%	99.4%	99.3%	98.4%	0%	98.8%	99.3%
Heavy	2	3	0	5	1	5	0	6	2	5	0	7	18
% Heavy	0.3%	1.1%	0%	0.5%	0.3%	0.8%	0%	0.6%	0.7%	1.6%	0%	1.2%	0.7%

*L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & CUMBERLAND RD - TMC

Thu Feb 7, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619360, Location: 40.02855, -85.99446, Site Code: i-171



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-02-07 7:30AM	7	1	0	8	7	4	0	11	17	11	0	28	47
7:45AM	15	3	0	18	9	14	0	23	16	12	0	28	69
8:00AM	12	5	0	17	4	14	0	18	19	7	0	26	61
8:15AM	16	4	0	20	4	15	0	19	19	14	0	33	72
Total	50	13	0	63	24	47	0	71	71	44	0	115	249
% Approach	79.4%	20.6%	0%	-	33.8%	66.2%	0%	-	61.7%	38.3%	0%	-	-
% Total	20.1%	5.2%	0%	25.3%	9.6%	18.9%	0%	28.5%	28.5%	17.7%	0%	46.2%	-
PHF	0.781	0.650	-	0.788	0.667	0.783	-	0.772	0.934	0.786	-	0.871	0.865
Lights and Motorcycles	50	12	0	62	24	45	0	69	71	42	0	113	244
% Lights and Motorcycles	100%	92.3%	0%	98.4%	100%	95.7%	0%	97.2%	100%	95.5%	0%	98.3%	98.0%
Heavy	0	1	0	1	0	2	0	2	0	2	0	2	5
% Heavy	0%	7.7%	0%	1.6%	0%	4.3%	0%	2.8%	0%	4.5%	0%	1.7%	2.0%

*L: Left, R: Right, T: Thru, U: U-Turn

166TH ST & CUMBERLAND RD - TMC

Thu Feb 7, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619360, Location: 40.02855, -85.99446, Site Code: i-171



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-02-07 5:00PM	37	16	0	53	14	39	0	53	10	12	0	22	128
5:15PM	49	21	0	70	25	40	0	65	14	10	0	24	159
5:30PM	46	25	0	71	23	31	0	54	7	25	0	32	157
5:45PM	36	17	0	53	27	35	0	62	10	24	0	34	149
Total	168	79	0	247	89	145	0	234	41	71	0	112	593
% Approach	68.0%	32.0%	0%	-	38.0%	62.0%	0%	-	36.6%	63.4%	0%	-	-
% Total	28.3%	13.3%	0%	41.7%	15.0%	24.5%	0%	39.5%	6.9%	12.0%	0%	18.9%	-
PHF	0.857	0.790	-	0.870	0.824	0.906	-	0.900	0.732	0.710	-	0.824	0.932
Lights and Motorcycles	167	79	0	246	89	145	0	234	41	71	0	112	592
% Lights and Motorcycles	99.4%	100%	0%	99.6%	100%	100%	0%	100%	100%	100%	0%	100%	99.8%
Heavy	1	0	0	1	0	0	0	0	0	0	0	0	1
% Heavy	0.6%	0%	0%	0.4%	0%	0%	0%	0%	0%	0%	0%	0%	0.2%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & 16TH ST - TMC

Tue Jan 15, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612074, Location: 40.030869, -86.004622, Site Code: i-172



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-01-15 6:30AM	13	6	0	19	5	49	0	54	50	5	0	55	128
6:45AM	15	7	0	22	9	63	0	72	69	10	0	79	173
Hourly Total	28	13	0	41	14	112	0	126	119	15	0	134	301
7:00AM	8	7	0	15	6	41	0	47	84	8	0	92	154
7:15AM	14	13	0	27	10	55	0	65	66	16	0	82	174
7:30AM	9	8	0	17	5	74	0	79	101	7	0	108	204
7:45AM	20	19	0	39	8	63	0	71	112	10	0	122	232
Hourly Total	51	47	0	98	29	233	0	262	363	41	0	404	764
8:00AM	13	10	0	23	9	79	0	88	83	9	0	92	203
8:15AM	14	24	0	38	12	81	0	93	94	9	0	103	234
8:30AM	0	0	0	0	0	0	0	0	2	0	0	2	2
Hourly Total	27	34	0	61	21	160	0	181	179	18	0	197	439
3:00PM	16	21	0	37	17	79	0	96	78	20	0	98	231
3:15PM	10	27	0	37	23	76	0	99	56	13	0	69	205
3:30PM	16	15	0	31	28	98	0	126	58	24	0	82	239
3:45PM	8	20	0	28	17	80	0	97	84	21	0	105	230
Hourly Total	50	83	0	133	85	333	0	418	276	78	0	354	905
4:00PM	15	22	0	37	30	78	0	108	79	23	0	102	247
4:15PM	11	10	0	21	19	104	0	123	72	23	0	95	239
4:30PM	18	31	0	49	21	127	0	148	90	25	0	115	312
4:45PM	12	18	0	30	43	98	0	141	75	23	0	98	269
Hourly Total	56	81	0	137	113	407	0	520	316	94	0	410	1067
5:00PM	16	22	0	38	22	117	0	139	74	21	0	95	272
5:15PM	11	16	0	27	22	106	0	128	80	33	0	113	268
5:30PM	15	14	0	29	21	91	0	112	65	22	0	87	228
5:45PM	13	10	0	23	21	91	0	112	71	25	0	96	231
Hourly Total	55	62	0	117	86	405	0	491	290	101	0	391	999
6:00PM	12	10	0	22	21	79	0	100	75	18	0	93	215
6:15PM	11	11	0	22	12	90	0	102	55	10	0	65	189
6:30PM	15	12	0	27	14	54	0	68	54	10	0	64	159
6:45PM	6	13	0	19	10	46	0	56	43	15	0	58	133
Hourly Total	44	46	0	90	57	269	0	326	227	53	0	280	696
7:00PM	0	1	0	1	0	0	0	0	1	0	0	1	2
Hourly Total	0	1	0	1	0	0	0	0	1	0	0	1	2
Total	311	367	0	678	405	1919	0	2324	1771	400	0	2171	5173
% Approach	45.9%	54.1%	0%	-	17.4%	82.6%	0%	-	81.6%	18.4%	0%	-	-
% Total	6.0%	7.1%	0%	13.1%	7.8%	37.1%	0%	44.9%	34.2%	7.7%	0%	42.0%	-
Lights and Motorcycles	301	355	0	656	389	1884	0	2273	1722	393	0	2115	5044
% Lights and Motorcycles	96.8%	96.7%	0%	96.8%	96.0%	98.2%	0%	97.8%	97.2%	98.3%	0%	97.4%	97.5%
Heavy	10	12	0	22	16	35	0	51	49	7	0	56	129
% Heavy	3.2%	3.3%	0%	3.2%	4.0%	1.8%	0%	2.2%	2.8%	1.8%	0%	2.6%	2.5%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & 16TH ST - TMC

Tue Jan 15, 2019

AM Peak (7:30AM - 8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612074, Location: 40.030869, -86.004622, Site Code: i-172



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				
Time	L	R	U	App	L	T	U	App	T	R	U	App	Int
2019-01-15 7:30AM	9	8	0	17	5	74	0	79	101	7	0	108	204
7:45AM	20	19	0	39	8	63	0	71	112	10	0	122	232
8:00AM	13	10	0	23	9	79	0	88	83	9	0	92	203
8:15AM	14	24	0	38	12	81	0	93	94	9	0	103	234
Total	56	61	0	117	34	297	0	331	390	35	0	425	873
% Approach	47.9%	52.1%	0%	-	10.3%	89.7%	0%	-	91.8%	8.2%	0%	-	-
% Total	6.4%	7.0%	0%	13.4%	3.9%	34.0%	0%	37.9%	44.7%	4.0%	0%	48.7%	-
PHF	0.700	0.635	-	0.750	0.708	0.917	-	0.890	0.871	0.875	-	0.871	0.933
Lights and Motorcycles	54	54	0	108	30	290	0	320	378	34	0	412	840
% Lights and Motorcycles	96.4%	88.5%	0%	92.3%	88.2%	97.6%	0%	96.7%	96.9%	97.1%	0%	96.9%	96.2%
Heavy	2	7	0	9	4	7	0	11	12	1	0	13	33
% Heavy	3.6%	11.5%	0%	7.7%	11.8%	2.4%	0%	3.3%	3.1%	2.9%	0%	3.1%	3.8%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & 16TH ST - TMC

Tue Jan 15, 2019

PM Peak (4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612074, Location: 40.030869, -86.004622, Site Code: i-172



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				
Time	L	R	U	App	L	T	U	App	T	R	U	App	Int
2019-01-15 4:30PM	18	31	0	49	21	127	0	148	90	25	0	115	312
4:45PM	12	18	0	30	43	98	0	141	75	23	0	98	269
5:00PM	16	22	0	38	22	117	0	139	74	21	0	95	272
5:15PM	11	16	0	27	22	106	0	128	80	33	0	113	268
Total	57	87	0	144	108	448	0	556	319	102	0	421	1121
% Approach	39.6%	60.4%	0%	-	19.4%	80.6%	0%	-	75.8%	24.2%	0%	-	-
% Total	5.1%	7.8%	0%	12.8%	9.6%	40.0%	0%	49.6%	28.5%	9.1%	0%	37.6%	-
PHF	0.792	0.702	-	0.735	0.628	0.882	-	0.939	0.886	0.773	-	0.915	0.898
Lights and Motorcycles	56	87	0	143	108	446	0	554	315	102	0	417	1114
% Lights and Motorcycles	98.2%	100%	0%	99.3%	100%	99.6%	0%	99.6%	98.7%	100%	0%	99.0%	99.4%
Heavy	1	0	0	1	0	2	0	2	4	0	0	4	7
% Heavy	1.8%	0%	0%	0.7%	0%	0.4%	0%	0.4%	1.3%	0%	0%	1.0%	0.6%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & HERRIMAN BLVD - T MC

Tue Jan 15, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612073, Location: 40.026598, -86.000588, Site Code: i-173



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-01-15 6:30AM	15	49	0	64	65	4	0	69	3	12	0	15	148
6:45AM	29	71	0	100	79	4	0	83	2	12	0	14	197
Hourly Total	44	120	0	164	144	8	0	152	5	24	0	29	345
7:00AM	18	87	0	105	44	4	0	48	11	29	0	40	193
7:15AM	35	61	0	96	62	3	0	65	10	20	0	30	191
7:30AM	23	104	0	127	69	8	0	77	6	14	0	20	224
7:45AM	33	110	0	143	71	8	0	79	7	24	0	31	253
Hourly Total	109	362	0	471	246	23	0	269	34	87	0	121	861
8:00AM	26	93	0	119	75	15	0	90	11	16	0	27	236
8:15AM	13	85	0	98	92	7	0	99	6	20	0	26	223
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	39	178	0	217	167	22	0	189	17	36	0	53	459
3:00PM	15	67	0	82	86	7	0	93	18	47	0	65	240
3:15PM	18	61	0	79	81	8	0	89	14	19	0	33	201
3:30PM	24	72	0	96	89	15	0	104	12	20	0	32	232
3:45PM	21	77	0	98	89	11	0	100	17	27	0	44	242
Hourly Total	78	277	0	355	345	41	0	386	61	113	0	174	915
4:00PM	16	100	0	116	83	8	0	91	18	38	0	56	263
4:15PM	23	74	0	97	100	10	0	110	12	29	0	41	248
4:30PM	29	89	0	118	122	17	0	139	19	40	0	59	316
4:45PM	27	81	0	108	89	19	0	108	18	34	0	52	268
Hourly Total	95	344	0	439	394	54	0	448	67	141	0	208	1095
5:00PM	15	76	0	91	122	15	0	137	12	29	0	41	269
5:15PM	30	101	0	131	98	15	0	113	11	32	0	43	287
5:30PM	29	85	0	114	102	14	0	116	9	38	0	47	277
5:45PM	28	78	0	106	84	12	0	96	17	21	0	38	240
Hourly Total	102	340	0	442	406	56	0	462	49	120	0	169	1073
6:00PM	22	82	0	104	80	14	0	94	12	36	0	48	246
6:15PM	21	62	0	83	84	19	0	103	13	27	0	40	226
6:30PM	24	54	0	78	66	8	0	74	10	19	0	29	181
6:45PM	16	54	0	70	54	7	0	61	5	23	0	28	159
Hourly Total	83	252	0	335	284	48	0	332	40	105	0	145	812
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	550	1873	0	2423	1986	252	0	2238	273	626	0	899	5560
% Approach	22.7%	77.3%	0%	-	88.7%	11.3%	0%	-	30.4%	69.6%	0%	-	-
% Total	9.9%	33.7%	0%	43.6%	35.7%	4.5%	0%	40.3%	4.9%	11.3%	0%	16.2%	-
Lights and Motorcycles	546	1840	0	2386	1948	243	0	2191	264	616	0	880	5457
% Lights and Motorcycles	99.3%	98.2%	0%	98.5%	98.1%	96.4%	0%	97.9%	96.7%	98.4%	0%	97.9%	98.1%
Heavy	4	33	0	37	38	9	0	47	9	10	0	19	103
% Heavy	0.7%	1.8%	0%	1.5%	1.9%	3.6%	0%	2.1%	3.3%	1.6%	0%	2.1%	1.9%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & HERRIMAN BLVD - T MC

Tue Jan 15, 2019

AM Peak (7:30AM - 8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612073, Location: 40.026598, -86.000588, Site Code: i-173



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-01-15 7:30AM	23	104	0	127	69	8	0	77	6	14	0	20	224
7:45AM	33	110	0	143	71	8	0	79	7	24	0	31	253
8:00AM	26	93	0	119	75	15	0	90	11	16	0	27	236
8:15AM	13	85	0	98	92	7	0	99	6	20	0	26	223
Total	95	392	0	487	307	38	0	345	30	74	0	104	936
% Approach	19.5%	80.5%	0%	-	89.0%	11.0%	0%	-	28.8%	71.2%	0%	-	-
% Total	10.1%	41.9%	0%	52.0%	32.8%	4.1%	0%	36.9%	3.2%	7.9%	0%	11.1%	-
PHF	0.720	0.891	-	0.851	0.834	0.633	-	0.871	0.682	0.771	-	0.839	0.925
Lights and Motorcycles	94	383	0	477	299	35	0	334	26	72	0	98	909
% Lights and Motorcycles	98.9%	97.7%	0%	97.9%	97.4%	92.1%	0%	96.8%	86.7%	97.3%	0%	94.2%	97.1%
Heavy	1	9	0	10	8	3	0	11	4	2	0	6	27
% Heavy	1.1%	2.3%	0%	2.1%	2.6%	7.9%	0%	3.2%	13.3%	2.7%	0%	5.8%	2.9%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & HERRIMAN BLVD - T MC

Tue Jan 15, 2019

PM Peak (4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612073, Location: 40.026598, -86.000588, Site Code: i-173



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-01-15 4:30PM	29	89	0	118	122	17	0	139	19	40	0	59	316
4:45PM	27	81	0	108	89	19	0	108	18	34	0	52	268
5:00PM	15	76	0	91	122	15	0	137	12	29	0	41	269
5:15PM	30	101	0	131	98	15	0	113	11	32	0	43	287
Total	101	347	0	448	431	66	0	497	60	135	0	195	1140
% Approach	22.5%	77.5%	0%	-	86.7%	13.3%	0%	-	30.8%	69.2%	0%	-	-
% Total	8.9%	30.4%	0%	39.3%	37.8%	5.8%	0%	43.6%	5.3%	11.8%	0%	17.1%	-
PHF	0.842	0.859	-	0.855	0.883	0.868	-	0.894	0.789	0.844	-	0.826	0.902
Lights and Motorcycles	101	344	0	445	430	66	0	496	60	134	0	194	1135
% Lights and Motorcycles	100%	99.1%	0%	99.3%	99.8%	100%	0%	99.8%	100%	99.3%	0%	99.5%	99.6%
Heavy	0	3	0	3	1	0	0	1	0	1	0	1	5
% Heavy	0%	0.9%	0%	0.7%	0.2%	0%	0%	0.2%	0%	0.7%	0%	0.5%	0.4%

* L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & GRAY RD - TMC

Wed Jan 23, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619267, Location: 40.021987, -86.08978, Site Code: i-174



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-23																					
6:30AM	2	35	0	0	37	0	15	5	0	20	2	3	0	0	5	0	16	8	0	24	86
6:45AM	9	25	0	0	34	2	13	7	0	22	4	6	0	0	10	0	18	10	0	28	94
Hourly Total	11	60	0	0	71	2	28	12	0	42	6	9	0	0	15	0	34	18	0	52	180
7:00AM	3	55	0	0	58	0	11	2	0	13	1	9	1	0	11	0	23	19	0	42	124
7:15AM	5	59	3	0	67	7	18	10	0	35	2	9	0	0	11	0	34	24	0	58	171
7:30AM	11	52	1	0	64	4	11	7	0	22	4	11	3	0	18	1	47	17	0	65	169
7:45AM	4	50	0	0	54	9	30	12	0	51	8	11	1	0	20	0	38	15	0	53	178
Hourly Total	23	216	4	0	243	20	70	31	0	121	15	40	5	0	60	1	142	75	0	218	642
8:00AM	12	44	4	0	60	1	19	10	0	30	4	14	3	0	21	1	38	20	0	59	170
8:15AM	11	38	2	0	51	2	29	30	0	61	8	20	2	0	30	0	63	13	0	76	218
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	23	82	6	0	111	3	48	40	0	91	12	34	5	0	51	1	101	33	0	135	388
3:00PM	3	22	2	0	27	4	13	6	0	23	5	14	4	0	23	0	20	3	1	24	97
3:15PM	2	19	2	0	23	4	33	6	0	43	5	27	6	0	38	1	21	4	0	26	130
3:30PM	8	25	1	0	34	15	56	14	0	85	25	55	18	0	98	2	24	2	0	28	245
3:45PM	4	18	2	0	24	9	32	5	0	46	13	38	6	0	57	1	21	4	0	26	153
Hourly Total	17	84	7	0	108	32	134	31	0	197	48	134	34	0	216	4	86	13	1	104	625
4:00PM	2	20	0	0	22	14	49	8	0	71	8	31	10	0	49	1	21	5	0	27	169
4:15PM	6	32	3	0	41	13	57	7	0	77	6	48	6	0	60	1	28	3	0	32	210
4:30PM	7	17	1	0	25	13	53	6	0	72	14	41	5	0	60	2	21	3	0	26	183
4:45PM	7	25	2	0	34	15	71	9	0	95	10	44	14	0	68	0	23	7	0	30	227
Hourly Total	22	94	6	0	122	55	230	30	0	315	38	164	35	0	237	4	93	18	0	115	789
5:00PM	9	45	2	0	56	10	71	6	0	87	9	55	9	0	73	3	23	6	0	32	248
5:15PM	9	26	1	0	36	13	65	13	0	91	17	58	13	0	88	0	30	3	0	33	248
5:30PM	2	33	1	0	36	13	62	4	0	79	11	43	15	0	69	2	34	7	0	43	227
5:45PM	1	20	3	0	24	7	59	7	0	73	9	40	13	0	62	2	29	4	0	35	194
Hourly Total	21	124	7	0	152	43	257	30	0	330	46	196	50	0	292	7	116	20	0	143	917
6:00PM	6	18	1	0	25	4	52	4	0	60	14	33	10	0	57	5	26	5	0	36	178
6:15PM	2	16	3	0	21	8	47	11	0	66	7	31	11	0	49	1	23	3	0	27	163
6:30PM	4	21	0	0	25	2	25	7	0	34	9	25	6	0	40	3	17	7	0	27	126
6:45PM	1	21	0	0	22	5	30	6	0	41	5	20	13	0	38	1	8	3	0	12	113
Hourly Total	13	76	4	0	93	19	154	28	0	201	35	109	40	0	184	10	74	18	0	102	580
Total	130	736	34	0	900	174	921	202	0	1297	200	686	169	0	1055	27	646	195	1	869	4121
% Approach	14.4%	81.8%	3.8%	0%	-	13.4%	71.0%	15.6%	0%	-	19.0%	65.0%	16.0%	0%	-	3.1%	74.3%	22.4%	0.1%	-	-
% Total	3.2%	17.9%	0.8%	0%	21.8%	4.2%	22.3%	4.9%	0%	31.5%	4.9%	16.6%	4.1%	0%	25.6%	0.7%	15.7%	4.7%	0%	21.1%	-
Lights and Motorcycles	129	730	31	0	890	173	909	202	0	1284	198	676	166	0	1040	27	639	193	1	860	4074
% Lights and Motorcycles	99.2%	99.2%	91.2%	0%	98.9%	99.4%	98.7%	100%	0%	99.0%	99.0%	98.5%	98.2%	0%	98.6%	100%	98.9%	99.0%	100%	99.0%	98.9%
Heavy	1	6	3	0	10	1	12	0	0	13	2	10	3	0	15	0	7	2	0	9	47
% Heavy	0.8%	0.8%	8.8%	0%	1.1%	0.6%	1.3%	0%	0%	1.0%	1.0%	1.5%	1.8%	0%	1.4%	0%	1.1%	1.0%	0%	1.0%	1.1%

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & GRAY RD - TMC

Wed Jan 23, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619267, Location: 40.021987, -86.08978, Site Code: i-174



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-01-23																									
7:30AM	11	52	1	0	64	4	11	7	0	22	4	11	3	0	18	1	47	17	0	65	169				
7:45AM	4	50	0	0	54	9	30	12	0	51	8	11	1	0	20	0	38	15	0	53	178				
8:00AM	12	44	4	0	60	1	19	10	0	30	4	14	3	0	21	1	38	20	0	59	170				
8:15AM	11	38	2	0	51	2	29	30	0	61	8	20	2	0	30	0	63	13	0	76	218				
Total	38	184	7	0	229	16	89	59	0	164	24	56	9	0	89	2	186	65	0	253	735				
% Approach	16.6%	80.3%	3.1%	0%	-	9.8%	54.3%	36.0%	0%	-	27.0%	62.9%	10.1%	0%	-	0.8%	73.5%	25.7%	0%	-	-				
% Total	5.2%	25.0%	1.0%	0%	31.2%	2.2%	12.1%	8.0%	0%	22.3%	3.3%	7.6%	1.2%	0%	12.1%	0.3%	25.3%	8.8%	0%	34.4%	-				
PHF	0.792	0.885	0.438	-	0.895	0.444	0.742	0.492	-	0.672	0.750	0.700	0.750	-	0.742	0.500	0.738	0.813	-	0.832	0.843				
Lights and Motorcycles	37	181	6	0	224	15	88	59	0	162	24	54	8	0	86	2	184	65	0	251	723				
% Lights and Motorcycles	97.4%	98.4%	85.7%	0%	97.8%	93.8%	98.9%	100%	0%	98.8%	100%	96.4%	88.9%	0%	96.6%	100%	98.9%	100%	0%	99.2%	98.4%				
Heavy	1	3	1	0	5	1	1	0	0	2	0	2	1	0	3	0	2	0	0	2	12				
% Heavy	2.6%	1.6%	14.3%	0%	2.2%	6.3%	1.1%	0%	0%	1.2%	0%	3.6%	11.1%	0%	3.4%	0%	1.1%	0%	0%	0.8%	1.6%				

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & GRAY RD - TMC

Wed Jan 23, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619267, Location: 40.021987, -86.08978, Site Code: i-174



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-23 4:45PM	7	25	2	0	34	15	71	9	0	95	10	44	14	0	68	0	23	7	0	30	227
5:00PM	9	45	2	0	56	10	71	6	0	87	9	55	9	0	73	3	23	6	0	32	248
5:15PM	9	26	1	0	36	13	65	13	0	91	17	58	13	0	88	0	30	3	0	33	248
5:30PM	2	33	1	0	36	13	62	4	0	79	11	43	15	0	69	2	34	7	0	43	227
Total	27	129	6	0	162	51	269	32	0	352	47	200	51	0	298	5	110	23	0	138	950
% Approach	16.7%	79.6%	3.7%	0%	-	14.5%	76.4%	9.1%	0%	-	15.8%	67.1%	17.1%	0%	-	3.6%	79.7%	16.7%	0%	-	-
% Total	2.8%	13.6%	0.6%	0%	17.1%	5.4%	28.3%	3.4%	0%	37.1%	4.9%	21.1%	5.4%	0%	31.4%	0.5%	11.6%	2.4%	0%	14.5%	-
PHF	0.750	0.717	0.750	-	0.723	0.850	0.947	0.615	-	0.926	0.691	0.862	0.850	-	0.847	0.417	0.809	0.821	-	0.802	0.958
Lights and Motorcycles	27	129	6	0	162	51	269	32	0	352	47	199	51	0	297	5	109	23	0	137	948
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	99.5%	100%	0%	99.7%	100%	99.1%	100%	0%	99.3%	99.8%
Heavy	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	2
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.5%	0%	0%	0.3%	0%	0.9%	0%	0%	0.7%	0.2%

*L: Left, R: Right, T: Thru, U: U-Turn

161ST ST & HAZEL DELL RD - TMC

Thu Sep 27, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619719, Location: 40.02202, -86.07066, Site Code: i-175



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-27																					
3:00PM	13	94	5	0	112	1	94	15	0	110	11	13	13	0	37	6	5	3	0	14	273
3:15PM	12	128	6	0	146	5	111	7	0	123	18	11	10	0	39	5	6	1	0	12	320
3:30PM	15	132	11	1	159	6	86	10	0	102	27	18	23	0	68	2	8	3	0	13	342
3:45PM	14	129	9	0	152	10	96	7	0	113	18	16	19	0	53	4	4	3	0	11	329
Hourly Total	54	483	31	1	569	22	387	39	0	448	74	58	65	0	197	17	23	10	0	50	1264
4:00PM	17	114	4	0	135	6	107	11	0	124	22	10	18	0	50	7	6	8	0	21	330
4:15PM	22	141	11	0	174	5	118	13	0	136	19	18	30	0	67	3	7	5	0	15	392
4:30PM	19	157	14	0	190	1	109	15	0	125	16	33	28	0	77	4	11	8	0	23	415
4:45PM	30	167	21	0	218	10	111	16	0	137	24	36	30	0	90	14	19	4	0	37	482
Hourly Total	88	579	50	0	717	22	445	55	0	522	81	97	106	0	284	28	43	25	0	96	1619
5:00PM	22	156	17	0	195	8	110	18	0	136	34	44	41	0	119	12	15	11	0	38	488
5:15PM	25	209	16	0	250	11	129	17	1	158	31	42	30	0	103	11	10	6	0	27	538
5:30PM	24	149	15	0	188	9	141	10	0	160	36	52	29	0	117	20	15	7	0	42	507
5:45PM	34	175	19	0	228	15	125	13	0	153	23	41	33	0	97	15	6	7	0	28	506
Hourly Total	105	689	67	0	861	43	505	58	1	607	124	179	133	0	436	58	46	31	0	135	2039
6:00PM	21	156	19	0	196	17	107	3	0	127	19	34	31	0	84	11	15	6	0	32	439
6:15PM	13	108	22	0	143	14	104	5	0	123	17	26	23	0	66	12	10	7	0	29	361
6:30PM	15	97	14	0	126	4	88	6	0	98	10	23	10	0	43	10	20	11	0	41	308
6:45PM	21	99	7	0	127	4	89	9	0	102	11	19	17	0	47	13	10	1	0	24	300
Hourly Total	70	460	62	0	592	39	388	23	0	450	57	102	81	0	240	46	55	25	0	126	1408
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-28																					
6:30AM	4	40	1	0	45	2	92	7	0	101	4	0	13	0	17	7	12	0	0	19	182
6:45AM	14	56	1	0	71	0	99	2	1	102	5	0	14	0	19	10	6	1	0	17	209
Hourly Total	18	96	2	0	116	2	191	9	1	203	9	0	27	0	36	17	18	1	0	36	391
7:00AM	9	76	3	0	88	0	133	10	0	143	8	1	14	0	23	11	20	4	0	35	289
7:15AM	12	68	1	0	81	0	130	25	0	155	7	6	14	0	27	9	29	5	0	43	306
7:30AM	21	65	3	0	89	2	184	34	0	220	14	8	17	0	39	13	33	4	0	50	398
7:45AM	23	83	4	0	110	4	146	17	0	167	10	16	19	0	45	9	14	6	0	29	351
Hourly Total	65	292	11	0	368	6	593	86	0	685	39	31	64	0	134	42	96	19	0	157	1344
8:00AM	17	70	3	0	90	5	148	17	0	170	7	9	13	0	29	9	21	3	0	33	322
8:15AM	18	91	2	0	111	6	190	18	0	214	6	11	14	0	31	13	22	1	0	36	392
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	35	161	5	0	201	11	338	35	0	384	13	20	27	0	60	22	43	4	0	69	714
Total	435	2760	228	1	3424	145	2847	305	2	3299	397	487	503	0	1387	230	324	115	0	669	8779
% Approach	12.7%	80.6%	6.7%	0%	-	4.4%	86.3%	9.2%	0.1%	-	28.6%	35.1%	36.3%	0%	-	34.4%	48.4%	17.2%	0%	-	-
% Total	5.0%	31.4%	2.6%	0%	39.0%	1.7%	32.4%	3.5%	0%	37.6%	4.5%	5.5%	5.7%	0%	15.8%	2.6%	3.7%	1.3%	0%	7.6%	-
Lights and Motorcycles	426	2688	221	0	3335	144	2760	298	0	3202	387	479	493	0	1359	224	315	109	0	648	8544
% Lights and Motorcycles	97.9%	97.4%	96.9%	0%	97.4%	99.3%	96.9%	97.7%	0%	97.1%	97.5%	98.4%	98.0%	0%	98.0%	97.4%	97.2%	94.8%	0%	96.9%	97.3%
Heavy	9	72	7	1	89	1	87	7	2	97	10	8	10	0	28	6	9	6	0	21	235
% Heavy	2.1%	2.6%	3.1%	100%	2.6%	0.7%	3.1%	2.3%	100%	2.9%	2.5%	1.6%	2.0%	0%	2.0%	2.6%	2.8%	5.2%	0%	3.1%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & HAZEL DELL RD - TMC

Fri Sep 28, 2018

AM Peak (Sep 28 2018 7:30AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619719, Location: 40.02202, -86.07066, Site Code: i-175



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-09-28																						
7:30AM	21	65	3	0	89	2	184	34	0	220	14	8	17	0	39	13	33	4	0	50	398	
7:45AM	23	83	4	0	110	4	146	17	0	167	10	16	19	0	45	9	14	6	0	29	351	
8:00AM	17	70	3	0	90	5	148	17	0	170	7	9	13	0	29	9	21	3	0	33	322	
8:15AM	18	91	2	0	111	6	190	18	0	214	6	11	14	0	31	13	22	1	0	36	392	
Total	79	309	12	0	400	17	668	86	0	771	37	44	63	0	144	44	90	14	0	148	1463	
% Approach	19.8%	77.3%	3.0%	0%	-	2.2%	86.6%	11.2%	0%	-	25.7%	30.6%	43.8%	0%	-	29.7%	60.8%	9.5%	0%	-	-	
% Total	5.4%	21.1%	0.8%	0%	27.3%	1.2%	45.7%	5.9%	0%	52.7%	2.5%	3.0%	4.3%	0%	9.8%	3.0%	6.2%	1.0%	0%	10.1%	-	
PHF	0.859	0.849	0.750	-	0.901	0.708	0.879	0.632	-	0.876	0.661	0.688	0.829	-	0.800	0.846	0.682	0.583	-	0.740	0.919	
Lights and Motorcycles	77	293	12	0	382	17	648	83	0	748	37	44	62	0	143	41	88	14	0	143	1416	
% Lights and Motorcycles	97.5%	94.8%	100%	0%	95.5%	100%	97.0%	96.5%	0%	97.0%	100%	100%	98.4%	0%	99.3%	93.2%	97.8%	100%	0%	96.6%	96.8%	
Heavy	2	16	0	0	18	0	20	3	0	23	0	0	1	0	1	3	2	0	0	5	47	
% Heavy	2.5%	5.2%	0%	0%	4.5%	0%	3.0%	3.5%	0%	3.0%	0%	0%	1.6%	0%	0.7%	6.8%	2.2%	0%	0%	3.4%	3.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & HAZEL DELL RD - TMC

Thu Sep 27, 2018

PM Peak (Sep 27 2018 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619719, Location: 40.02202, -86.07066, Site Code: i-175



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-09-27																						
5:00PM	22	156	17	0	195	8	110	18	0	136	34	44	41	0	119	12	15	11	0	38	488	
5:15PM	25	209	16	0	250	11	129	17	1	158	31	42	30	0	103	11	10	6	0	27	538	
5:30PM	24	149	15	0	188	9	141	10	0	160	36	52	29	0	117	20	15	7	0	42	507	
5:45PM	34	175	19	0	228	15	125	13	0	153	23	41	33	0	97	15	6	7	0	28	506	
Total	105	689	67	0	861	43	505	58	1	607	124	179	133	0	436	58	46	31	0	135	2039	
% Approach	12.2%	80.0%	7.8%	0%	-	7.1%	83.2%	9.6%	0.2%	-	28.4%	41.1%	30.5%	0%	-	43.0%	34.1%	23.0%	0%	-	-	
% Total	5.1%	33.8%	3.3%	0%	42.2%	2.1%	24.8%	2.8%	0%	29.8%	6.1%	8.8%	6.5%	0%	21.4%	2.8%	2.3%	1.5%	0%	6.6%	-	
PHF	0.772	0.824	0.882	-	0.861	0.717	0.895	0.806	0.250	0.948	0.861	0.861	0.811	-	0.916	0.725	0.767	0.705	-	0.804	0.947	
Lights and Motorcycles	104	683	67	0	854	43	495	58	0	596	122	179	131	0	432	58	45	29	0	132	2014	
% Lights and Motorcycles	99.0%	99.1%	100%	0%	99.2%	100%	98.0%	100%	0%	98.2%	98.4%	100%	98.5%	0%	99.1%	100%	97.8%	93.5%	0%	97.8%	98.8%	
Heavy	1	6	0	0	7	0	10	0	1	11	2	0	2	0	4	0	1	2	0	3	25	
% Heavy	1.0%	0.9%	0%	0%	0.8%	0%	2.0%	0%	100%	1.8%	1.6%	0%	1.5%	0%	0.9%	0%	2.2%	6.5%	0%	2.2%	1.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

161ST ST & SEMINOLE RD (MILL CREEK RD) - TMC

Wed Jan 23, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619278, Location: 40.022113, -86.062683, Site Code: i-176



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-23																						
6:30AM	9	3	2	0	14	0	2	2	0	4	0	1	0	0	1	0	9	0	0	9		28
6:45AM	8	7	4	0	19	0	0	2	0	2	0	6	2	0	8	0	14	3	0	17		46
Hourly Total	17	10	6	0	33	0	2	4	0	6	0	7	2	0	9	0	23	3	0	26		74
7:00AM	18	2	2	0	22	0	1	12	0	13	1	1	1	0	3	0	14	0	0	14		52
7:15AM	8	3	3	0	14	0	1	8	0	9	1	3	0	0	4	1	13	1	0	15		42
7:30AM	7	0	2	0	9	0	0	4	0	4	1	5	3	0	9	2	14	1	0	17		39
7:45AM	5	4	2	0	11	0	1	2	0	3	1	6	0	0	7	0	15	0	0	15		36
Hourly Total	38	9	9	0	56	0	3	26	0	29	4	15	4	0	23	3	56	2	0	61		169
8:00AM	8	0	1	0	9	0	1	13	0	14	0	9	3	0	12	1	17	0	0	18		53
8:15AM	10	2	1	0	13	1	0	5	0	6	1	8	0	0	9	0	22	0	0	22		50
Hourly Total	18	2	2	0	22	1	1	18	0	20	1	17	3	0	21	1	39	0	0	40		103
3:00PM	3	0	1	0	4	1	4	2	0	7	3	10	5	0	18	2	4	0	0	6		35
3:15PM	3	3	1	0	7	0	3	1	0	4	4	14	1	0	19	0	6	0	0	6		36
3:30PM	6	0	0	0	6	1	1	3	0	5	4	18	5	0	27	1	5	1	0	7		45
3:45PM	3	1	2	0	6	0	1	4	0	5	3	24	7	0	34	2	7	0	0	9		54
Hourly Total	15	4	4	0	23	2	9	10	0	21	14	66	18	0	98	5	22	1	0	28		170
4:00PM	3	0	1	0	4	3	1	4	0	8	8	23	3	0	34	3	7	1	0	11		57
4:15PM	1	1	3	0	5	0	2	2	0	4	5	34	1	0	40	4	14	0	0	18		67
4:30PM	4	7	2	0	13	1	1	2	0	4	6	21	12	0	39	2	15	1	0	18		74
4:45PM	3	3	3	0	9	1	2	5	0	8	7	33	6	0	46	2	12	0	0	14		77
Hourly Total	11	11	9	0	31	5	6	13	0	24	26	111	22	0	159	11	48	2	0	61		275
5:00PM	2	2	3	0	7	0	4	4	0	8	5	38	6	0	49	2	34	1	0	37		101
5:15PM	2	4	5	0	11	0	2	3	0	5	7	31	6	0	44	3	9	0	0	12		72
5:30PM	3	2	1	0	6	0	2	1	0	3	11	35	7	0	53	1	8	0	0	9		71
5:45PM	3	0	4	0	7	0	2	0	0	2	3	34	6	0	43	2	8	0	0	10		62
Hourly Total	10	8	13	0	31	0	10	8	0	18	26	138	25	0	189	8	59	1	0	68		306
6:00PM	5	2	6	0	13	1	4	4	0	9	3	24	5	0	32	2	24	1	0	27		81
6:15PM	7	2	4	0	13	2	0	1	0	3	7	29	5	0	41	5	7	1	0	13		70
6:30PM	5	1	1	0	7	0	4	1	0	5	4	16	4	0	24	1	12	0	0	13		49
6:45PM	7	2	1	0	10	1	5	3	0	9	2	27	5	0	34	1	5	0	0	6		59
Hourly Total	24	7	12	0	43	4	13	9	0	26	16	96	19	0	131	9	48	2	0	59		259
Total	133	51	55	0	239	12	44	88	0	144	87	450	93	0	630	37	295	11	0	343		1356
% Approach	55.6%	21.3%	23.0%	0%	-	8.3%	30.6%	61.1%	0%	-	13.8%	71.4%	14.8%	0%	-	10.8%	86.0%	3.2%	0%	-		-
% Total	9.8%	3.8%	4.1%	0%	17.6%	0.9%	3.2%	6.5%	0%	10.6%	6.4%	33.2%	6.9%	0%	46.5%	2.7%	21.8%	0.8%	0%	25.3%		-
Lights and Motorcycles	128	50	52	0	230	11	41	85	0	137	86	444	90	0	620	35	291	10	0	336		1323
% Lights and Motorcycles	96.2%	98.0%	94.5%	0%	96.2%	91.7%	93.2%	96.6%	0%	95.1%	98.9%	98.7%	96.8%	0%	98.4%	94.6%	98.6%	90.9%	0%	98.0%		97.6%
Heavy	5	1	3	0	9	1	3	3	0	7	1	6	3	0	10	2	4	1	0	7		33
% Heavy	3.8%	2.0%	5.5%	0%	3.8%	8.3%	6.8%	3.4%	0%	4.9%	1.1%	1.3%	3.2%	0%	1.6%	5.4%	1.4%	9.1%	0%	2.0%		2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & SEMINOLE RD (MILL CREEK RD) - T MC

Wed Jan 23, 2019

AM Peak (6:45 AM - 7:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619278, Location: 40.022113, -86.062683, Site Code: i-176



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-23 6:45AM	8	7	4	0	19	0	0	2	0	2	0	6	2	0	8	0	14	3	0	17	46
7:00AM	18	2	2	0	22	0	1	12	0	13	1	1	1	0	3	0	14	0	0	14	52
7:15AM	8	3	3	0	14	0	1	8	0	9	1	3	0	0	4	1	13	1	0	15	42
7:30AM	7	0	2	0	9	0	0	4	0	4	1	5	3	0	9	2	14	1	0	17	39
Total	41	12	11	0	64	0	2	26	0	28	3	15	6	0	24	3	55	5	0	63	179
% Approach	64.1%	18.8%	17.2%	0%	-	0%	7.1%	92.9%	0%	-	12.5%	62.5%	25.0%	0%	-	4.8%	87.3%	7.9%	0%	-	-
% Total	22.9%	6.7%	6.1%	0%	35.8%	0%	1.1%	14.5%	0%	15.6%	1.7%	8.4%	3.4%	0%	13.4%	1.7%	30.7%	2.8%	0%	35.2%	-
PHF	0.569	0.429	0.688	-	0.727	-0.500	0.542	-	0.538	0.750	0.625	0.500	-	0.667	0.375	0.982	0.417	-	0.926	0.861	
Lights and Motorcycles	40	12	10	0	62	0	2	26	0	28	3	15	6	0	24	3	55	4	0	62	176
% Lights and Motorcycles	97.6%	100%	90.9%	0%	96.9%	0%	100%	100%	0%	100%	100%	100%	0%	100%	100%	100%	100%	80.0%	0%	98.4%	98.3%
Heavy	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	3
% Heavy	2.4%	0%	9.1%	0%	3.1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	20.0%	0%	1.6%	1.7%

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & SEMINOLE RD (MILL CREEK RD) - T MC

Wed Jan 23, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619278, Location: 40.022113, -86.062683, Site Code: i-176



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-01-23																									
4:30PM	4	7	2	0	13	1	1	2	0	4	6	21	12	0	39	2	15	1	0	18	74				
4:45PM	3	3	3	0	9	1	2	5	0	8	7	33	6	0	46	2	12	0	0	14	77				
5:00PM	2	2	3	0	7	0	4	4	0	8	5	38	6	0	49	2	34	1	0	37	101				
5:15PM	2	4	5	0	11	0	2	3	0	5	7	31	6	0	44	3	9	0	0	12	72				
Total	11	16	13	0	40	2	9	14	0	25	25	123	30	0	178	9	70	2	0	81	324				
% Approach	27.5%	40.0%	32.5%	0%	-	8.0%	36.0%	56.0%	0%	-	14.0%	69.1%	16.9%	0%	-	11.1%	86.4%	2.5%	0%	-	-				
% Total	3.4%	4.9%	4.0%	0%	12.3%	0.6%	2.8%	4.3%	0%	7.7%	7.7%	38.0%	9.3%	0%	54.9%	2.8%	21.6%	0.6%	0%	25.0%	-				
PHF	0.688	0.571	0.650	-	0.769	0.500	0.563	0.700	-	0.781	0.893	0.809	0.625	-	0.908	0.750	0.515	0.500	-	0.547	0.802				
Lights and Motorcycles	11	16	12	0	39	2	9	14	0	25	25	123	29	0	177	9	69	2	0	80	321				
% Lights and Motorcycles	100%	100%	92.3%	0%	97.5%	100%	100%	100%	0%	100%	100%	100%	96.7%	0%	99.4%	100%	98.6%	100%	0%	98.8%	99.1%				
Heavy	0	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	3				
% Heavy	0%	0%	7.7%	0%	2.5%	0%	0%	0%	0%	0%	0%	0%	3.3%	0%	0.6%	0%	1.4%	0%	0%	1.2%	0.9%				

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & CHERRY TREE - TMC

Wed Feb 27, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641158, Location: 40.022052, -86.042191, Site Code: i-177



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-02-27 6:30AM	1	2	0	3	17	4	0	21	0	3	0	3	27
6:45AM	6	3	0	9	9	7	0	16	8	6	0	14	39
Hourly Total	7	5	0	12	26	11	0	37	8	9	0	17	66
7:00AM	6	17	0	23	12	5	0	17	5	8	0	13	53
7:15AM	8	8	0	16	15	10	0	25	4	7	0	11	52
7:30AM	6	9	0	15	25	13	0	38	2	12	0	14	67
7:45AM	14	6	0	20	13	6	0	19	11	5	0	16	55
Hourly Total	34	40	0	74	65	34	0	99	22	32	0	54	227
8:00AM	6	6	0	12	16	10	0	26	2	7	0	9	47
8:15AM	11	7	0	18	18	8	0	26	11	4	0	15	59
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	17	13	0	30	34	18	0	52	13	11	0	24	106
3:00PM	7	16	0	23	13	1	0	14	7	4	0	11	48
3:15PM	4	7	0	11	7	3	0	10	6	4	0	10	31
3:30PM	13	14	0	27	7	8	0	15	4	6	0	10	52
3:45PM	3	11	0	14	10	2	0	12	7	10	0	17	43
Hourly Total	27	48	0	75	37	14	0	51	24	24	0	48	174
4:00PM	8	13	0	21	10	3	0	13	2	14	0	16	50
4:15PM	11	21	0	32	13	6	0	19	13	13	0	26	77
4:30PM	17	11	0	28	15	10	0	25	4	24	0	28	81
4:45PM	11	12	0	23	8	2	0	10	9	15	0	24	57
Hourly Total	47	57	0	104	46	21	0	67	28	66	0	94	265
5:00PM	5	7	0	12	14	7	0	21	9	24	0	33	66
5:15PM	20	22	0	42	10	4	0	14	16	19	0	35	91
5:30PM	10	17	0	27	11	2	0	13	21	23	0	44	84
5:45PM	11	15	0	26	4	7	0	11	11	15	0	26	63
Hourly Total	46	61	0	107	39	20	0	59	57	81	0	138	304
6:00PM	7	9	0	16	13	1	0	14	11	22	1	34	64
6:15PM	15	11	0	26	6	4	0	10	12	6	0	18	54
6:30PM	7	13	0	20	3	1	0	4	10	22	0	32	56
6:45PM	5	8	0	13	4	4	0	8	7	7	0	14	35
Hourly Total	34	41	0	75	26	10	0	36	40	57	1	98	209
Total	212	265	0	477	273	128	0	401	192	280	1	473	1351
% Approach	44.4%	55.6%	0%	-	68.1%	31.9%	0%	-	40.6%	59.2%	0.2%	-	-
% Total	15.7%	19.6%	0%	35.3%	20.2%	9.5%	0%	29.7%	14.2%	20.7%	0.1%	35.0%	-
Lights and Motorcycles	203	257	0	460	267	125	0	392	187	266	1	454	1306
% Lights and Motorcycles	95.8%	97.0%	0%	96.4%	97.8%	97.7%	0%	97.8%	97.4%	95.0%	100%	96.0%	96.7%
Heavy	9	8	0	17	6	3	0	9	5	14	0	19	45
% Heavy	4.2%	3.0%	0%	3.6%	2.2%	2.3%	0%	2.2%	2.6%	5.0%	0%	4.0%	3.3%

*L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & CHERRY TREE - TMC

Wed Feb 27, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641158, Location: 40.022052, -86.042191, Site Code: i-177



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-02-27 7:30AM	6	9	0	15	25	13	0	38	2	12	0	14	67
7:45AM	14	6	0	20	13	6	0	19	11	5	0	16	55
8:00AM	6	6	0	12	16	10	0	26	2	7	0	9	47
8:15AM	11	7	0	18	18	8	0	26	11	4	0	15	59
Total	37	28	0	65	72	37	0	109	26	28	0	54	228
% Approach	56.9%	43.1%	0%	-	66.1%	33.9%	0%	-	48.1%	51.9%	0%	-	-
% Total	16.2%	12.3%	0%	28.5%	31.6%	16.2%	0%	47.8%	11.4%	12.3%	0%	23.7%	-
PHF	0.661	0.778	-	0.813	0.720	0.712	-	0.717	0.591	0.583	-	0.844	0.851
Lights and Motorcycles	30	27	0	57	71	36	0	107	26	24	0	50	214
% Lights and Motorcycles	81.1%	96.4%	0%	87.7%	98.6%	97.3%	0%	98.2%	100%	85.7%	0%	92.6%	93.9%
Heavy	7	1	0	8	1	1	0	2	0	4	0	4	14
% Heavy	18.9%	3.6%	0%	12.3%	1.4%	2.7%	0%	1.8%	0%	14.3%	0%	7.4%	6.1%

* L: Left, R: Right, T: Thru, U: U-Turn

16 1ST ST & CHERRY TREE - TMC

Wed Feb 27, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641158, Location: 40.022052, -86.042191, Site Code: i-177



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				
Time	L	T	U	App	T	R	U	App	L	R	U	App	Int
2019-02-27 5:00PM	5	7	0	12	14	7	0	21	9	24	0	33	66
5:15PM	20	22	0	42	10	4	0	14	16	19	0	35	91
5:30PM	10	17	0	27	11	2	0	13	21	23	0	44	84
5:45PM	11	15	0	26	4	7	0	11	11	15	0	26	63
Total	46	61	0	107	39	20	0	59	57	81	0	138	304
% Approach	43.0%	57.0%	0%	-	66.1%	33.9%	0%	-	41.3%	58.7%	0%	-	-
% Total	15.1%	20.1%	0%	35.2%	12.8%	6.6%	0%	19.4%	18.8%	26.6%	0%	45.4%	-
PHF	0.575	0.693	-	0.637	0.696	0.714	-	0.702	0.679	0.844	-	0.784	0.835
Lights and Motorcycles	46	57	0	103	38	20	0	58	56	81	0	137	298
% Lights and Motorcycles	100%	93.4%	0%	96.3%	97.4%	100%	0%	98.3%	98.2%	100%	0%	99.3%	98.0%
Heavy	0	4	0	4	1	0	0	1	1	0	0	1	6
% Heavy	0%	6.6%	0%	3.7%	2.6%	0%	0%	1.7%	1.8%	0%	0%	0.7%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & GREENFIELD AVE - TMC

Thu Feb 7, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619378, Location: 40.022623, -85.997099, Site Code: i-178



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-07																					
6:30AM	17	66	2	0	85	61	245	26	0	332	2	45	58	0	105	42	42	26	0	110	632
6:45AM	25	129	6	0	160	31	303	19	0	353	6	35	36	0	77	44	57	52	0	153	743
Hourly Total	42	195	8	0	245	92	548	45	0	685	8	80	94	0	182	86	99	78	0	263	1375
7:00AM	15	144	1	1	161	24	268	17	0	309	21	43	40	0	104	56	57	92	0	205	779
7:15AM	20	139	11	0	170	40	262	23	0	325	5	36	25	0	66	81	83	51	0	215	776
7:30AM	35	163	16	0	214	64	380	27	2	473	17	53	40	0	110	64	89	42	0	195	992
7:45AM	26	169	23	1	219	39	326	37	0	402	14	47	32	0	93	55	99	39	0	193	907
Hourly Total	96	615	51	2	764	167	1236	104	2	1509	57	179	137	0	373	256	328	224	0	808	3454
8:00AM	18	145	17	2	182	32	303	18	0	353	10	45	37	0	92	53	81	45	0	179	806
8:15AM	27	143	27	1	198	43	281	19	1	344	13	48	45	0	106	55	80	30	0	165	813
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	45	288	44	3	380	75	584	37	1	697	23	93	82	0	198	108	161	75	0	344	1619
3:00PM	35	279	43	0	357	51	208	22	0	281	37	53	34	0	124	16	50	64	0	130	892
3:15PM	26	268	24	1	319	46	209	17	0	272	21	43	28	0	92	23	55	60	0	138	821
3:30PM	33	274	35	2	344	59	282	12	0	353	18	63	42	0	123	20	49	55	0	124	944
3:45PM	33	312	41	1	387	64	230	21	0	315	18	56	30	0	104	30	68	106	0	204	1010
Hourly Total	127	1133	143	4	1407	220	929	72	0	1221	94	215	134	0	443	89	222	285	0	596	3667
4:00PM	32	310	39	0	381	45	220	29	1	295	22	80	50	0	152	22	63	96	0	181	1009
4:15PM	22	334	42	2	400	64	229	10	0	303	22	69	28	0	119	22	78	90	0	190	1012
4:30PM	27	331	46	0	404	57	262	23	0	342	26	72	41	0	139	30	66	102	0	198	1083
4:45PM	25	325	43	2	395	44	229	19	2	294	19	83	43	0	145	28	78	99	0	205	1039
Hourly Total	106	1300	170	4	1580	210	940	81	3	1234	89	304	162	0	555	102	285	387	0	774	4143
5:00PM	33	327	49	0	409	72	289	28	0	389	38	79	48	0	165	33	67	71	0	171	1134
5:15PM	45	338	48	1	432	79	290	19	0	388	24	84	36	0	144	23	68	75	0	166	1130
5:30PM	46	325	58	0	429	72	294	32	1	399	28	89	38	0	155	20	63	95	0	178	1161
5:45PM	36	298	53	2	389	54	224	31	0	309	27	68	33	0	128	28	74	81	0	183	1009
Hourly Total	160	1288	208	3	1659	277	1097	110	1	1485	117	320	155	0	592	104	272	322	0	698	4434
6:00PM	32	306	44	1	383	55	252	32	0	339	18	50	26	0	94	25	75	65	0	165	981
6:15PM	35	284	41	1	361	44	207	19	1	271	30	50	24	0	104	25	68	55	0	148	884
6:30PM	16	254	42	1	313	46	194	17	2	259	14	40	24	0	78	24	53	59	0	136	786
6:45PM	27	241	45	1	314	60	183	14	0	257	18	44	29	0	91	18	51	37	0	106	768
Hourly Total	110	1085	172	4	1371	205	836	82	3	1126	80	184	103	0	367	92	247	216	0	555	3419
7:00PM	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	686	5904	797	20	7407	1247	6170	531	10	7958	468	1375	867	0	2710	837	1614	1587	0	4038	22113
% Approach	9.3%	79.7%	10.8%	0.3%	-	15.7%	77.5%	6.7%	0.1%	-	17.3%	50.7%	32.0%	0%	-	20.7%	40.0%	39.3%	0%	-	-
% Total	3.1%	26.7%	3.6%	0.1%	33.5%	5.6%	27.9%	2.4%	0%	36.0%	2.1%	6.2%	3.9%	0%	12.3%	3.8%	7.3%	7.2%	0%	18.3%	-
Lights and Motorcycles	680	5749	788	19	7236	1231	5959	513	9	7712	461	1350	854	0	2665	824	1589	1563	0	3976	21589
% Lights and Motorcycles	99.1%	97.4%	98.9%	95.0%	97.7%	98.7%	96.6%	96.6%	90.0%	96.9%	98.5%	98.2%	98.5%	0%	98.3%	98.4%	98.5%	98.5%	0%	98.5%	97.6%
Heavy	6	155	9	1	171	16	211	18	1	246	7	25	13	0	45	13	25	24	0	62	524
% Heavy	0.9%	2.6%	1.1%	5.0%	2.3%	1.3%	3.4%	3.4%	10.0%	3.1%	1.5%	1.8%	1.5%	0%	1.7%	1.6%	1.5%	1.5%	0%	1.5%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & GREENFIELD AVE - TMC

Thu Feb 7, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619378, Location: 40.022623, -85.997099, Site Code: i-178



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2019-02-07																										
7:30AM	35	163	16	0	214	64	380	27	2	473	17	53	40	0	110	64	89	42	0	195	992					
7:45AM	26	169	23	1	219	39	326	37	0	402	14	47	32	0	93	55	99	39	0	193	907					
8:00AM	18	145	17	2	182	32	303	18	0	353	10	45	37	0	92	53	81	45	0	179	806					
8:15AM	27	143	27	1	198	43	281	19	1	344	13	48	45	0	106	55	80	30	0	165	813					
Total	106	620	83	4	813	178	1290	101	3	1572	54	193	154	0	401	227	349	156	0	732	3518					
% Approach	13.0%	76.3%	10.2%	0.5%	-	11.3%	82.1%	6.4%	0.2%	-	13.5%	48.1%	38.4%	0%	-	31.0%	47.7%	21.3%	0%	-	-					
% Total	3.0%	17.6%	2.4%	0.1%	23.1%	5.1%	36.7%	2.9%	0.1%	44.7%	1.5%	5.5%	4.4%	0%	11.4%	6.5%	9.9%	4.4%	0%	20.8%	-					
PHF	0.757	0.917	0.769	0.500	0.928	0.695	0.849	0.682	0.375	0.831	0.794	0.910	0.856	-	0.911	0.887	0.881	0.867	-	0.938	0.887					
Lights and Motorcycles	104	584	80	3	771	167	1256	95	3	1521	50	189	150	0	389	223	342	151	0	716	3397					
% Lights and Motorcycles	98.1%	94.2%	96.4%	75.0%	94.8%	93.8%	97.4%	94.1%	100%	96.8%	92.6%	97.9%	97.4%	0%	97.0%	98.2%	98.0%	96.8%	0%	97.8%	96.6%					
Heavy	2	36	3	1	42	11	34	6	0	51	4	4	4	0	12	4	7	5	0	16	121					
% Heavy	1.9%	5.8%	3.6%	25.0%	5.2%	6.2%	2.6%	5.9%	0%	3.2%	7.4%	2.1%	2.6%	0%	3.0%	1.8%	2.0%	3.2%	0%	2.2%	3.4%					

*L: Left, R: Right, T: Thru, U: U-Turn

SR 37 & GREENFIELD AVE - TMC

Thu Feb 7, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619378, Location: 40.022623, -85.997099, Site Code: i-178



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-07 4:45PM	25	325	43	2	395	44	229	19	2	294	19	83	43	0	145	28	78	99	0	205	1039
5:00PM	33	327	49	0	409	72	289	28	0	389	38	79	48	0	165	33	67	71	0	171	1134
5:15PM	45	338	48	1	432	79	290	19	0	388	24	84	36	0	144	23	68	75	0	166	1130
5:30PM	46	325	58	0	429	72	294	32	1	399	28	89	38	0	155	20	63	95	0	178	1161
Total	149	1315	198	3	1665	267	1102	98	3	1470	109	335	165	0	609	104	276	340	0	720	4464
% Approach	8.9%	79.0%	11.9%	0.2%	-	18.2%	75.0%	6.7%	0.2%	-	17.9%	55.0%	27.1%	0%	-	14.4%	38.3%	47.2%	0%	-	-
% Total	3.3%	29.5%	4.4%	0.1%	37.3%	6.0%	24.7%	2.2%	0.1%	32.9%	2.4%	7.5%	3.7%	0%	13.6%	2.3%	6.2%	7.6%	0%	16.1%	-
PHF	0.810	0.973	0.853	0.375	0.964	0.845	0.937	0.766	0.375	0.921	0.717	0.941	0.859	-	0.923	0.788	0.885	0.859	-	0.878	0.961
Lights and Motorcycles	148	1303	197	3	1651	267	1072	96	3	1438	109	332	164	0	605	104	273	340	0	717	4411
% Lights and Motorcycles	99.3%	99.1%	99.5%	100%	99.2%	100%	97.3%	98.0%	100%	97.8%	100%	99.1%	99.4%	0%	99.3%	100%	98.9%	100%	0%	99.6%	98.8%
Heavy	1	12	1	0	14	0	30	2	0	32	0	3	1	0	4	0	3	0	0	3	53
% Heavy	0.7%	0.9%	0.5%	0%	0.8%	0%	2.7%	2.0%	0%	2.2%	0%	0.9%	0.6%	0%	0.7%	0%	1.1%	0%	0%	0.4%	1.2%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & CYNTHIANNE - TMC

Wed Sep 19, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565534, Location: 40.026398, -85.881418



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-09-19																					
3:00PM	7	1	1	0	9	0	1	2	0	3	1	51	1	0	53	2	40	1	0	43	108
3:15PM	4	6	1	0	11	2	1	0	0	3	1	73	4	0	78	0	50	1	0	51	143
3:30PM	2	4	2	0	8	0	1	0	0	1	0	71	7	0	78	0	47	0	0	47	134
3:45PM	4	4	0	0	8	0	1	1	0	2	2	73	6	0	81	1	59	0	0	60	151
Hourly Total	17	15	4	0	36	2	4	3	0	9	4	268	18	0	290	3	196	2	0	201	536
4:00PM	6	5	0	0	11	1	0	0	0	1	0	71	2	0	73	1	43	0	0	44	129
4:15PM	5	9	1	0	15	0	0	1	0	1	3	82	4	0	89	1	71	0	0	72	177
4:30PM	7	3	1	0	11	0	3	1	0	4	4	70	7	0	81	0	39	0	0	39	135
4:45PM	5	3	0	0	8	1	1	1	0	3	4	83	7	0	94	0	69	0	0	69	174
Hourly Total	23	20	2	0	45	2	4	3	0	9	11	306	20	0	337	2	222	0	0	224	615
5:00PM	6	3	1	0	10	0	5	0	0	5	5	77	8	0	90	0	61	0	0	61	166
5:15PM	9	7	1	0	17	1	3	2	0	6	1	105	9	0	115	0	72	0	0	72	210
5:30PM	4	3	1	0	8	1	8	0	0	9	1	95	9	0	105	0	76	1	0	77	199
5:45PM	6	5	0	0	11	0	4	2	0	6	1	71	2	0	74	2	42	0	0	44	135
Hourly Total	25	18	3	0	46	2	20	4	0	26	8	348	28	0	384	2	251	1	0	254	710
6:00PM	6	1	1	0	8	0	2	2	0	4	0	45	2	0	47	2	42	0	0	44	103
6:15PM	3	2	0	0	5	1	3	2	0	6	1	50	7	0	58	1	49	2	0	52	121
6:30PM	5	4	1	0	10	1	3	0	0	4	0	39	4	0	43	1	39	0	0	40	97
6:45PM	2	4	0	0	6	0	1	0	0	1	0	49	4	0	53	1	30	0	0	31	91
Hourly Total	16	11	2	0	29	2	9	4	0	15	1	183	17	0	201	5	160	2	0	167	412
2018-09-20																					
6:30AM	1	1	0	0	2	0	3	1	0	4	0	31	4	0	35	0	75	0	0	75	116
6:45AM	9	1	0	0	10	1	6	3	0	10	1	31	5	0	37	3	87	0	0	90	147
Hourly Total	10	2	0	0	12	1	9	4	0	14	1	62	9	0	72	3	162	0	0	165	263
7:00AM	6	6	0	0	12	0	8	2	0	10	0	42	5	0	47	2	53	0	0	55	124
7:15AM	3	2	0	0	5	1	4	0	0	5	0	48	4	0	52	0	84	0	0	84	146
7:30AM	13	3	1	0	17	0	2	5	0	7	1	63	2	0	66	0	92	0	0	92	182
7:45AM	11	0	2	0	13	0	3	2	0	5	0	49	4	0	53	1	80	1	0	82	153
Hourly Total	33	11	3	0	47	1	17	9	0	27	1	202	15	0	218	3	309	1	0	313	605
8:00AM	7	3	0	0	10	0	2	0	0	2	0	47	1	0	48	1	49	2	0	52	112
8:15AM	7	1	2	0	10	1	1	1	0	3	0	37	6	0	43	1	71	1	0	73	129
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	14	4	2	0	20	1	3	1	0	5	0	84	7	0	91	2	120	3	0	125	241
Total	138	81	16	0	235	11	66	28	0	105	26	1453	114	0	1593	20	1420	9	0	1449	3382
% Approach	58.7%	34.5%	6.8%	0%	-	10.5%	62.9%	26.7%	0%	-	1.6%	91.2%	7.2%	0%	-	1.4%	98.0%	0.6%	0%	-	-
% Total	4.1%	2.4%	0.5%	0%	6.9%	0.3%	2.0%	0.8%	0%	3.1%	0.8%	43.0%	3.4%	0%	47.1%	0.6%	42.0%	0.3%	0%	42.8%	-
Lights and Motorcycles	125	75	15	0	215	11	63	28	0	102	25	1399	103	0	1527	16	1357	9	0	1382	3226
% Lights and Motorcycles	90.6%	92.6%	93.8%	0%	91.5%	100%	95.5%	100%	0%	97.1%	96.2%	96.3%	90.4%	0%	95.9%	80.0%	95.6%	100%	0%	95.4%	95.4%
Heavy	13	6	1	0	20	0	3	0	0	3	1	54	11	0	66	4	63	0	0	67	156
% Heavy	9.4%	7.4%	6.3%	0%	8.5%	0%	4.5%	0%	0%	2.9%	3.8%	3.7%	9.6%	0%	4.1%	20.0%	4.4%	0%	0%	4.6%	4.6%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & CYNTHEANNE - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565534, Location: 40.026398, -85.881418



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-20																						
7:00AM	6	6	0	0	12	0	8	2	0	10	0	42	5	0	47	2	53	0	0	55	124	
7:15AM	3	2	0	0	5	1	4	0	0	5	0	48	4	0	52	0	84	0	0	84	146	
7:30AM	13	3	1	0	17	0	2	5	0	7	1	63	2	0	66	0	92	0	0	92	182	
7:45AM	11	0	2	0	13	0	3	2	0	5	0	49	4	0	53	1	80	1	0	82	153	
Total	33	11	3	0	47	1	17	9	0	27	1	202	15	0	218	3	309	1	0	313	605	
% Approach	70.2%	23.4%	6.4%	0%	-	3.7%	63.0%	33.3%	0%	-	0.5%	92.7%	6.9%	0%	-	1.0%	98.7%	0.3%	0%	-	-	
% Total	5.5%	1.8%	0.5%	0%	7.8%	0.2%	2.8%	1.5%	0%	4.5%	0.2%	33.4%	2.5%	0%	36.0%	0.5%	51.1%	0.2%	0%	51.7%	-	
PHF	0.635	0.458	0.375	-	0.691	0.250	0.531	0.450	-	0.675	0.250	0.802	0.750	-	0.826	0.375	0.840	0.250	-	0.851	0.831	
Lights and Motorcycles	31	11	3	0	45	1	16	9	0	26	1	187	13	0	201	3	294	1	0	298	570	
% Lights and Motorcycles	93.9%	100%	100%	0%	95.7%	100%	94.1%	100%	0%	96.3%	100%	92.6%	86.7%	0%	92.2%	100%	95.1%	100%	0%	95.2%	94.2%	
Heavy	2	0	0	0	2	0	1	0	0	1	0	15	2	0	17	0	15	0	0	15	35	
% Heavy	6.1%	0%	0%	0%	4.3%	0%	5.9%	0%	0%	3.7%	0%	7.4%	13.3%	0%	7.8%	0%	4.9%	0%	0%	4.8%	5.8%	

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & CYNTHEANNE - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565534, Location: 40.026398, -85.881418



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19 4:45PM	5	3	0	0	8	1	1	1	0	3	4	83	7	0	94	0	69	0	0	69	174
5:00PM	6	3	1	0	10	0	5	0	0	5	5	77	8	0	90	0	61	0	0	61	166
5:15PM	9	7	1	0	17	1	3	2	0	6	1	105	9	0	115	0	72	0	0	72	210
5:30PM	4	3	1	0	8	1	8	0	0	9	1	95	9	0	105	0	76	1	0	77	199
Total	24	16	3	0	43	3	17	3	0	23	11	360	33	0	404	0	278	1	0	279	749
% Approach	55.8%	37.2%	7.0%	0%	-	13.0%	73.9%	13.0%	0%	-	2.7%	89.1%	8.2%	0%	-	0%	99.6%	0.4%	0%	-	-
% Total	3.2%	2.1%	0.4%	0%	5.7%	0.4%	2.3%	0.4%	0%	3.1%	1.5%	48.1%	4.4%	0%	53.9%	0%	37.1%	0.1%	0%	37.2%	-
PHF	0.667	0.571	0.750	-	0.632	0.750	0.531	0.375	-	0.639	0.550	0.857	0.917	-	0.878	-	0.914	0.250	-	0.906	0.892
Lights and Motorcycles	24	15	3	0	42	3	17	3	0	23	11	353	32	0	396	0	267	1	0	268	729
% Lights and Motorcycles	100%	93.8%	100%	0%	97.7%	100%	100%	100%	0%	100%	100%	98.1%	97.0%	0%	98.0%	0%	96.0%	100%	0%	96.1%	97.3%
Heavy	0	1	0	0	1	0	0	0	0	0	0	7	1	0	8	0	11	0	0	11	20
% Heavy	0%	6.3%	0%	0%	2.3%	0%	0%	0%	0%	0%	0%	1.9%	3.0%	0%	2.0%	0%	4.0%	0%	0%	3.9%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

SR 38 & CO RD 168 - TMC

Wed Sep 19, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565517, Location: 40.022992, -85.862374



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19																					
3:00PM	1	3	0	0	4	0	0	0	0	0	0	49	0	0	49	1	41	0	0	42	95
3:15PM	4	0	0	0	4	1	1	0	0	2	2	67	0	0	69	0	49	1	0	50	125
3:30PM	2	3	0	0	5	1	3	0	0	4	2	62	1	0	65	1	46	1	0	48	122
3:45PM	2	1	1	0	4	0	0	2	0	2	0	75	2	0	77	1	56	1	0	58	141
Hourly Total	9	7	1	0	17	2	4	2	0	8	4	253	3	0	260	3	192	3	0	198	483
4:00PM	0	0	0	0	0	0	1	1	0	2	0	67	0	0	67	0	45	0	0	45	114
4:15PM	1	2	0	0	3	0	1	0	0	1	2	79	3	0	84	0	69	3	0	72	160
4:30PM	0	2	0	0	2	1	0	0	0	1	1	70	0	0	71	0	42	3	0	45	119
4:45PM	0	3	0	0	3	0	3	1	0	4	3	77	0	0	80	0	71	2	0	73	160
Hourly Total	1	7	0	0	8	1	5	2	0	8	6	293	3	0	302	0	227	8	0	235	553
5:00PM	2	0	0	0	2	1	1	0	0	2	1	77	0	0	78	1	62	2	0	65	147
5:15PM	0	0	0	0	0	1	2	0	0	3	1	108	0	0	109	1	72	2	0	75	187
5:30PM	0	2	0	0	2	1	1	0	0	2	1	87	1	0	89	1	71	1	0	73	166
5:45PM	0	1	1	0	2	1	1	0	0	2	0	76	1	0	77	0	47	1	0	48	129
Hourly Total	2	3	1	0	6	4	5	0	0	9	3	348	2	0	353	3	252	6	0	261	629
6:00PM	0	1	0	0	1	2	0	1	0	3	0	46	0	0	46	2	48	0	0	50	100
6:15PM	1	1	0	0	2	1	1	0	0	2	0	49	1	0	50	1	47	4	0	52	106
6:30PM	0	0	0	0	0	1	1	0	0	2	1	41	0	0	42	2	43	0	0	45	89
6:45PM	1	0	0	0	1	2	0	0	0	2	1	45	1	0	47	0	31	2	0	33	83
Hourly Total	2	2	0	0	4	6	2	1	0	9	2	181	2	0	185	5	169	6	0	180	378
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
2018-09-20																					
6:30AM	1	0	1	0	2	4	3	3	0	10	1	25	1	0	27	0	68	0	0	68	107
6:45AM	3	0	0	0	3	2	5	1	0	8	0	36	1	0	37	0	78	1	0	79	127
Hourly Total	4	0	1	0	5	6	8	4	0	18	1	61	2	0	64	0	146	1	0	147	234
7:00AM	0	2	1	0	3	3	2	3	0	8	0	35	1	0	36	0	55	0	0	55	102
7:15AM	0	0	0	0	0	5	2	0	0	7	1	47	0	0	48	0	78	2	0	80	135
7:30AM	0	1	0	0	1	1	1	2	0	4	0	68	0	0	68	0	94	0	0	94	167
7:45AM	1	1	0	0	2	5	0	1	0	6	0	52	0	0	52	0	77	1	0	78	138
Hourly Total	1	4	1	0	6	14	5	6	0	25	1	202	1	0	204	0	304	3	0	307	542
8:00AM	2	0	0	0	2	1	1	1	0	3	0	47	0	0	47	1	53	3	0	57	109
8:15AM	0	0	0	0	0	2	1	1	0	4	2	42	1	0	45	0	71	0	0	71	120
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	2	0	0	0	2	3	2	2	0	7	2	89	1	0	92	1	124	3	0	128	229
Total	21	23	4	0	48	36	31	17	0	84	19	1427	14	0	1460	12	1414	31	0	1457	3049
% Approach	43.8%	47.9%	8.3%	0%	-	42.9%	36.9%	20.2%	0%	-	1.3%	97.7%	1.0%	0%	-	0.8%	97.0%	2.1%	0%	-	-
% Total	0.7%	0.8%	0.1%	0%	1.6%	1.2%	1.0%	0.6%	0%	2.8%	0.6%	46.8%	0.5%	0%	47.9%	0.4%	46.4%	1.0%	0%	47.8%	-
Lights and Motorcycles	12	22	3	0	37	26	28	14	0	68	17	1373	11	0	1401	11	1353	28	0	1392	2898
% Lights and Motorcycles	57.1%	95.7%	75.0%	0%	77.1%	72.2%	90.3%	82.4%	0%	81.0%	89.5%	96.2%	78.6%	0%	96.0%	91.7%	95.7%	90.3%	0%	95.5%	95.0%
Heavy	9	1	1	0	11	10	3	3	0	16	2	54	3	0	59	1	61	3	0	65	151
% Heavy	42.9%	4.3%	25.0%	0%	22.9%	27.8%	9.7%	17.6%	0%	19.0%	10.5%	3.8%	21.4%	0%	4.0%	8.3%	4.3%	9.7%	0%	4.5%	5.0%

*L: Left, R: Right, T: Thru, U: U-Turn

SR38 & CO RD 168 - TMC

Thu Sep 20, 2018

AM Peak (Sep 20 2018 7:15AM - 8:15AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565517, Location: 40.022992, -85.862374



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-09-20 7:15AM	0	0	0	0	0	5	2	0	0	7	1	47	0	0	48	0	78	2	0	80	135
7:30AM	0	1	0	0	1	1	1	2	0	4	0	68	0	0	68	0	94	0	0	94	167
7:45AM	1	1	0	0	2	5	0	1	0	6	0	52	0	0	52	0	77	1	0	78	138
8:00AM	2	0	0	0	2	1	1	1	0	3	0	47	0	0	47	1	53	3	0	57	109
Total	3	2	0	0	5	12	4	4	0	20	1	214	0	0	215	1	302	6	0	309	549
% Approach	60.0%	40.0%	0%	0%	-	60.0%	20.0%	20.0%	0%	-	0.5%	99.5%	0%	0%	-	0.3%	97.7%	1.9%	0%	-	-
% Total	0.5%	0.4%	0%	0%	0.9%	2.2%	0.7%	0.7%	0%	3.6%	0.2%	39.0%	0%	0%	39.2%	0.2%	55.0%	1.1%	0%	56.3%	-
PHF	0.375	0.500	-	-	0.625	0.600	0.500	0.500	-	0.714	0.250	0.787	-	-	0.790	0.250	0.803	0.500	-	0.822	0.822
Lights and Motorcycles	1	1	0	0	2	7	3	4	0	14	1	201	0	0	202	1	287	6	0	294	512
% Lights and Motorcycles	33.3%	50.0%	0%	0%	40.0%	58.3%	75.0%	100%	0%	70.0%	100%	93.9%	0%	0%	94.0%	100%	95.0%	100%	0%	95.1%	93.3%
Heavy	2	1	0	0	3	5	1	0	0	6	0	13	0	0	13	0	15	0	0	15	37
% Heavy	66.7%	50.0%	0%	0%	60.0%	41.7%	25.0%	0%	0%	30.0%	0%	6.1%	0%	0%	6.0%	0%	5.0%	0%	0%	4.9%	6.7%

*L: Left, R: Right, T: Thru, U: U-Turn

SR38 & CO RD 168 - TMC

Wed Sep 19, 2018

PM Peak (Sep 19 2018 4:45PM - 5:45PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 565517, Location: 40.022992, -85.862374



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-19 4:45PM	0	3	0	0	3	0	3	1	0	4	3	77	0	0	80	0	71	2	0	73	160
5:00PM	2	0	0	0	2	1	1	0	0	2	1	77	0	0	78	1	62	2	0	65	147
5:15PM	0	0	0	0	0	1	2	0	0	3	1	108	0	0	109	1	72	2	0	75	187
5:30PM	0	2	0	0	2	1	1	0	0	2	1	87	1	0	89	1	71	1	0	73	166
Total	2	5	0	0	7	3	7	1	0	11	6	349	1	0	356	3	276	7	0	286	660
% Approach	28.6%	71.4%	0%	0%	-	27.3%	63.6%	9.1%	0%	-	1.7%	98.0%	0.3%	0%	-	1.0%	96.5%	2.4%	0%	-	-
% Total	0.3%	0.8%	0%	0%	1.1%	0.5%	1.1%	0.2%	0%	1.7%	0.9%	52.9%	0.2%	0%	53.9%	0.5%	41.8%	1.1%	0%	43.3%	-
PHF	0.250	0.417	-	-	0.583	0.750	0.583	0.250	-	0.688	0.500	0.808	0.250	-	0.817	0.750	0.958	0.875	-	0.953	0.882
Lights and Motorcycles	2	5	0	0	7	3	7	1	0	11	6	341	1	0	348	3	263	6	0	272	638
% Lights and Motorcycles	100%	100%	0%	0%	100%	100%	100%	100%	0%	100%	100%	97.7%	100%	0%	97.8%	100%	95.3%	85.7%	0%	95.1%	96.7%
Heavy	0	0	0	0	0	0	0	0	0	0	0	8	0	0	8	0	13	1	0	14	22
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.3%	0%	0%	2.2%	0%	4.7%	14.3%	0%	4.9%	3.3%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(181) 156th Street & Atlantic Road
9/25/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 6:30 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 3:30 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	1	9		10					2	8		10
SOUTHBOUND		10	2	12						8	4	12
EASTBOUND	1		0	1					3		2	5

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.63				0.83	
SOUTHBOUND	0.75	0.72			0.60	0.84
EASTBOUND	0.25				0.63	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	100.0%	11.1%		20.0%					0.0%	12.5%		10.0%
SOUTHBOUND		0.0%	0.0%	0.0%						0.0%	0.0%	0.0%
EASTBOUND	100.0%		0.0%	100.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	5	5	10	1		1	11
7:00 AM	TO	8:00 AM	8	10	18	2		2	20
8:00 AM	TO	9:00 AM	5	3	8	2		2	10
3:00 PM	TO	4:00 PM	12	7	19	6		6	25
4:00 PM	TO	5:00 PM	9	9	18	3		3	21
5:00 PM	TO	6:00 PM	7	6	13	4		4	17
6:00 PM	TO	7:00 PM	7	7	14	1		1	15
TOTAL VOLUME			53	47	100	19		19	119
PERCENTAGE			44.5%	39.5%	84.0%	16.0%		16.0%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(181) 156th Street & Atlantic Road
9/25/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	4	1	5				4	1	5
7:00 AM - 8:00 AM	0	1	1	6	1	7				6	2	8
8:00 AM - 9:00 AM	1	1	2	3	0	3				4	1	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	1	3	8	1	9				10	2	12
4:00 PM - 5:00 PM	1	0	1	7	1	8				8	1	9
5:00 PM - 6:00 PM	0	0	0	7	0	7				7	0	7
6:00 PM - 7:00 PM	0	0	0	7	0	7				7	0	7
PASSENGER	4 57.1%			42 91.3%						46 86.8%		
TRUCK	3 42.9%			4 8.7%						7 13.2%		
BOTH	7 13.2%			46 86.8%						53 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				5	0	5	0	0	0	5	0	5
7:00 AM - 8:00 AM				7	0	7	3	0	3	10	0	10
8:00 AM - 9:00 AM				1	0	1	2	0	2	3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM				6	1	7	0	0	0	6	1	7
4:00 PM - 5:00 PM				5	0	5	4	0	4	9	0	9
5:00 PM - 6:00 PM				6	0	6	0	0	0	6	0	6
6:00 PM - 7:00 PM				5	0	5	2	0	2	7	0	7
PASSENGER				35 97.2%			11 100.0%			46 97.9%		
TRUCK				1 2.8%			0 0.0%			1 2.1%		
BOTH				36 76.6%			11 23.4%			47 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	1	1				0	0	0	0	1	1
7:00 AM - 8:00 AM	0	1	1				1	0	1	1	1	2
8:00 AM - 9:00 AM	1	0	1				1	0	1	2	0	2
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	1	2				4	0	4	5	1	6
4:00 PM - 5:00 PM	3	0	3				0	0	0	3	0	3
5:00 PM - 6:00 PM	2	0	2				2	0	2	4	0	4
6:00 PM - 7:00 PM	1	0	1				0	0	0	1	0	1
PASSENGER	8 72.7%						8 100.0%			16 84.2%		
TRUCK	3 27.3%						0 0.0%			3 15.8%		
BOTH	11 57.9%						8 42.1%			19 100.0%		

156TH ST & OLIO RD - TMC

Tue Jan 29, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641347, Location: 40.016209, -85.919287, Site Code: i-182



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-29																					
6:30AM	0	14	0	0	14	0	30	0	0	30	0	0	5	0	5	1	1	0	0	2	51
6:45AM	1	28	0	0	29	0	41	0	0	41	0	0	9	0	9	5	3	0	0	8	87
Hourly Total	1	42	0	0	43	0	71	0	0	71	0	0	14	0	14	6	4	0	0	10	138
7:00AM	0	19	0	0	19	0	35	0	0	35	0	3	9	0	12	2	3	0	0	5	71
7:15AM	4	21	0	0	25	0	43	0	0	43	0	1	11	0	12	2	1	0	0	3	83
7:30AM	2	27	1	0	30	0	35	0	0	35	2	1	4	0	7	0	1	0	0	1	73
7:45AM	4	48	0	0	52	0	47	0	0	47	0	1	1	0	2	0	2	0	0	2	103
Hourly Total	10	115	1	0	126	0	160	0	0	160	2	6	25	0	33	4	7	0	0	11	330
8:00AM	1	33	0	0	34	0	30	1	0	31	0	1	5	0	6	1	1	0	0	2	73
8:15AM	3	33	0	0	36	0	29	0	0	29	2	1	6	0	9	1	2	1	0	4	78
8:30AM	0	0	1	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	4	66	1	0	71	0	60	1	0	61	2	2	11	0	15	2	3	1	0	6	153
3:00PM	4	25	5	0	34	0	16	0	0	16	0	0	1	0	1	1	0	0	0	1	52
3:15PM	10	41	0	0	51	0	20	1	0	21	1	1	7	0	9	0	0	0	0	0	81
3:30PM	7	26	1	0	34	0	35	1	0	36	0	4	4	0	8	0	1	0	0	1	79
3:45PM	6	37	0	0	43	0	29	0	0	29	0	3	5	0	8	2	1	0	0	3	83
Hourly Total	27	129	6	0	162	0	100	2	0	102	1	8	17	0	26	3	2	0	0	5	295
4:00PM	9	44	0	0	53	2	31	0	0	33	0	5	4	0	9	0	0	0	0	0	95
4:15PM	8	47	1	0	56	0	28	0	0	28	0	2	8	0	10	0	2	0	0	2	96
4:30PM	9	61	3	0	73	0	27	1	0	28	1	2	7	0	10	0	0	0	0	0	111
4:45PM	9	57	1	0	67	1	40	0	0	41	0	3	7	0	10	1	0	0	0	1	119
Hourly Total	35	209	5	0	249	3	126	1	0	130	1	12	26	0	39	1	2	0	0	3	421
5:00PM	14	52	0	0	66	0	46	0	0	46	0	1	2	0	3	0	2	0	0	2	117
5:15PM	11	48	1	0	60	1	38	0	0	39	0	0	8	0	8	2	2	0	0	4	111
5:30PM	8	46	3	0	57	1	42	0	0	43	0	0	4	0	4	2	1	0	0	3	107
5:45PM	15	37	0	0	52	1	33	0	0	34	0	3	4	0	7	0	1	0	0	1	94
Hourly Total	48	183	4	0	235	3	159	0	0	162	0	4	18	0	22	4	6	0	0	10	429
6:00PM	6	26	1	0	33	0	24	0	0	24	0	1	4	0	5	2	0	0	0	2	64
6:15PM	8	39	4	0	51	1	20	0	0	21	0	0	2	0	2	1	2	0	0	3	77
6:30PM	10	22	2	0	34	0	25	0	0	25	0	1	1	0	2	0	0	0	0	0	61
6:45PM	8	26	2	0	36	0	25	0	0	25	0	2	0	0	2	0	0	0	0	0	63
Hourly Total	32	113	9	0	154	1	94	0	0	95	0	4	7	0	11	3	2	0	0	5	265
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	157	857	26	0	1040	7	770	4	0	781	6	36	118	0	160	23	26	1	0	50	2031
% Approach	15.1%	82.4%	2.5%	0%	-	0.9%	98.6%	0.5%	0%	-	3.8%	22.5%	73.8%	0%	-	46.0%	52.0%	2.0%	0%	-	-
% Total	7.7%	42.2%	1.3%	0%	51.2%	0.3%	37.9%	0.2%	0%	38.5%	0.3%	1.8%	5.8%	0%	7.9%	1.1%	1.3%	0%	0%	2.5%	-
Lights and Motorcycles	156	843	23	0	1022	7	753	4	0	764	6	34	117	0	157	21	25	1	0	47	1990
% Lights and Motorcycles	99.4%	98.4%	88.5%	0%	98.3%	100%	97.8%	100%	0%	97.8%	100%	94.4%	99.2%	0%	98.1%	91.3%	96.2%	100%	0%	94.0%	98.0%
Heavy	1	14	3	0	18	0	17	0	0	17	0	2	1	0	3	2	1	0	0	3	41
% Heavy	0.6%	1.6%	11.5%	0%	1.7%	0%	2.2%	0%	0%	2.2%	0%	5.6%	0.8%	0%	1.9%	8.7%	3.8%	0%	0%	6.0%	2.0%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & OLIO RD - TMC

Tue Jan 29, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641347, Location: 40.016209, -85.919287, Site Code: i-182



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-29 7:15AM	4	21	0	0	25	0	43	0	0	43	0	1	11	0	12	2	1	0	0	3	83
7:30AM	2	27	1	0	30	0	35	0	0	35	2	1	4	0	7	0	1	0	0	1	73
7:45AM	4	48	0	0	52	0	47	0	0	47	0	1	1	0	2	0	2	0	0	2	103
8:00AM	1	33	0	0	34	0	30	1	0	31	0	1	5	0	6	1	1	0	0	2	73
Total	11	129	1	0	141	0	155	1	0	156	2	4	21	0	27	3	5	0	0	8	332
% Approach	7.8%	91.5%	0.7%	0%	-	0%	99.4%	0.6%	0%	-	7.4%	14.8%	77.8%	0%	-	37.5%	62.5%	0%	0%	-	-
% Total	3.3%	38.9%	0.3%	0%	42.5%	0%	46.7%	0.3%	0%	47.0%	0.6%	1.2%	6.3%	0%	8.1%	0.9%	1.5%	0%	0%	2.4%	-
PHF	0.688	0.672	0.250	-	0.678	-	0.824	0.250	-	0.830	0.250	1.000	0.477	-	0.563	0.375	0.625	-	-	0.667	0.806
Lights and Motorcycles	11	125	0	0	136	0	153	1	0	154	2	4	21	0	27	3	5	0	0	8	325
% Lights and Motorcycles	100%	96.9%	0%	0%	96.5%	0%	98.7%	100%	0%	98.7%	100%	100%	100%	0%	100%	100%	100%	0%	0%	100%	97.9%
Heavy	0	4	1	0	5	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	7
% Heavy	0%	3.1%	100%	0%	3.5%	0%	1.3%	0%	0%	1.3%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	2.1%

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & OLIO RD - TMC

Tue Jan 29, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641347, Location: 40.016209, -85.919287, Site Code: i-182



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-29																						
4:30PM	9	61	3	0	73	0	27	1	0	28	1	2	7	0	10	0	0	0	0	0	0	111
4:45PM	9	57	1	0	67	1	40	0	0	41	0	3	7	0	10	1	0	0	0	0	1	119
5:00PM	14	52	0	0	66	0	46	0	0	46	0	1	2	0	3	0	2	0	0	0	2	117
5:15PM	11	48	1	0	60	1	38	0	0	39	0	0	8	0	8	2	2	0	0	0	4	111
Total	43	218	5	0	266	2	151	1	0	154	1	6	24	0	31	3	4	0	0	7	7	458
% Approach	16.2%	82.0%	1.9%	0%	-	1.3%	98.1%	0.6%	0%	-	3.2%	19.4%	77.4%	0%	-	42.9%	57.1%	0%	0%	-	-	-
% Total	9.4%	47.6%	1.1%	0%	58.1%	0.4%	33.0%	0.2%	0%	33.6%	0.2%	1.3%	5.2%	0%	6.8%	0.7%	0.9%	0%	0%	1.5%	-	-
PHF	0.768	0.893	0.417	-	0.911	0.500	0.821	0.250	-	0.837	0.250	0.500	0.750	-	0.775	0.375	0.500	-	-	0.438	0.962	
Lights and Motorcycles	43	216	5	0	264	2	147	1	0	150	1	6	24	0	31	3	4	0	0	7	7	452
% Lights and Motorcycles	100%	99.1%	100%	0%	99.2%	100%	97.4%	100%	0%	97.4%	100%	100%	100%	0%	100%	100%	100%	0%	0%	100%	98.7%	
Heavy	0	2	0	0	2	0	4	0	0	4	0	0	0	0	0	0	0	0	0	0	6	
% Heavy	0%	0.9%	0%	0%	0.8%	0%	2.6%	0%	0%	2.6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.3%	

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & BODEN RD *AM - TMC

Tue Apr 23, 2019

Full Length (6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646798, Location: 40.016131, -85.93792, Site Code: i-183



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-23																					
6:30AM	2	15	0	0	17	0	43	1	0	44	2	4	22	0	28	0	1	0	0	1	90
6:45AM	2	25	1	0	28	2	65	3	0	70	6	13	24	0	43	1	2	2	0	5	146
Hourly Total	4	40	1	0	45	2	108	4	0	114	8	17	46	0	71	1	3	2	0	6	236
7:00AM	6	38	0	0	44	3	61	1	0	65	5	10	22	0	37	2	1	1	0	4	150
7:15AM	0	28	0	0	28	0	51	1	0	52	3	10	29	0	42	1	2	1	0	4	126
7:30AM	9	45	0	0	54	0	77	7	0	84	9	5	22	0	36	0	2	0	0	2	176
7:45AM	9	39	0	0	48	1	68	4	0	73	7	2	14	0	23	4	6	0	0	10	154
Hourly Total	24	150	0	0	174	4	257	13	0	274	24	27	87	0	138	7	11	2	0	20	606
8:00AM	11	33	1	0	45	0	58	1	0	59	7	5	16	0	28	2	0	0	0	2	134
8:15AM	5	29	0	0	34	0	75	2	0	77	4	3	25	0	32	4	4	1	0	9	152
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	16	62	1	0	79	0	133	3	0	136	11	8	41	0	60	6	4	1	0	11	286
Total	44	252	2	0	298	6	498	20	0	524	43	52	174	0	269	14	18	5	0	37	1128
% Approach	14.8%	84.6%	0.7%	0%	-	1.1%	95.0%	3.8%	0%	-	16.0%	19.3%	64.7%	0%	-	37.8%	48.6%	13.5%	0%	-	-
% Total	3.9%	22.3%	0.2%	0%	26.4%	0.5%	44.1%	1.8%	0%	46.5%	3.8%	4.6%	15.4%	0%	23.8%	1.2%	1.6%	0.4%	0%	3.3%	-
Lights and Motorcycles	41	227	2	0	270	5	464	17	0	486	40	52	169	0	261	14	17	5	0	36	1053
% Lights and Motorcycles	93.2%	90.1%	100%	0%	90.6%	83.3%	93.2%	85.0%	0%	92.7%	93.0%	100%	97.1%	0%	97.0%	100%	94.4%	100%	0%	97.3%	93.4%
Heavy	3	25	0	0	28	1	34	3	0	38	3	0	5	0	8	0	1	0	0	1	75
% Heavy	6.8%	9.9%	0%	0%	9.4%	16.7%	6.8%	15.0%	0%	7.3%	7.0%	0%	2.9%	0%	3.0%	0%	5.6%	0%	0%	2.7%	6.6%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & BODEN RD * PM - TMC

Thu Apr 18, 2019

Full Length (3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646799, Location: 40.016131, -85.93792, Site Code: i-183



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-18																					
3:00PM	3	39	0	0	42	0	30	6	0	36	3	2	4	0	9	0	2	3	0	5	92
3:15PM	9	53	4	0	66	1	39	4	0	44	5	5	7	0	17	2	9	1	0	12	139
3:30PM	18	62	1	0	81	2	54	9	0	65	7	1	5	0	13	0	2	1	0	3	162
3:45PM	19	73	0	0	92	3	46	5	0	54	4	3	14	0	21	1	5	1	0	7	174
Hourly Total	49	227	5	0	281	6	169	24	0	199	19	11	30	0	60	3	18	6	0	27	567
4:00PM	20	66	2	0	88	3	25	6	0	34	9	5	14	0	28	4	7	1	0	12	162
4:15PM	18	74	1	0	93	3	54	4	0	61	5	6	9	0	20	0	5	0	0	5	179
4:30PM	20	83	0	0	103	2	55	9	0	66	2	5	4	0	11	1	5	4	0	10	190
4:45PM	24	78	1	0	103	2	54	10	0	66	7	4	7	0	18	0	7	5	0	12	199
Hourly Total	82	301	4	0	387	10	188	29	0	227	23	20	34	0	77	5	24	10	0	39	730
5:00PM	20	85	1	0	106	1	42	7	0	50	3	2	9	0	14	0	7	8	0	15	185
5:15PM	21	81	0	0	102	1	65	4	0	70	0	3	15	0	18	1	2	4	0	7	197
5:30PM	25	64	2	0	91	0	84	3	0	87	6	3	18	0	27	1	8	3	0	12	217
5:45PM	36	86	1	0	123	3	63	4	0	70	3	2	7	0	12	2	8	4	0	14	219
Hourly Total	102	316	4	0	422	5	254	18	0	277	12	10	49	0	71	4	25	19	0	48	818
6:00PM	22	64	0	0	86	4	68	6	0	78	2	7	11	0	20	0	5	5	0	10	194
6:15PM	20	58	0	0	78	3	57	2	0	62	0	5	15	0	20	1	4	2	0	7	167
6:30PM	21	65	1	0	87	1	73	0	0	74	1	3	8	0	12	0	8	0	0	8	181
6:45PM	13	62	0	0	75	3	50	3	0	56	2	2	10	0	14	1	1	4	0	6	151
Hourly Total	76	249	1	0	326	11	248	11	0	270	5	17	44	0	66	2	18	11	0	31	693
7:00PM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
Total	309	1093	14	0	1416	32	860	82	0	974	59	58	157	0	274	14	85	46	0	145	2809
% Approach	21.8%	77.2%	1.0%	0%	-	3.3%	88.3%	8.4%	0%	-	21.5%	21.2%	57.3%	0%	-	9.7%	58.6%	31.7%	0%	-	-
% Total	11.0%	38.9%	0.5%	0%	50.4%	1.1%	30.6%	2.9%	0%	34.7%	2.1%	2.1%	5.6%	0%	9.8%	0.5%	3.0%	1.6%	0%	5.2%	-
Lights and Motorcycles	304	1075	14	0	1393	32	833	79	0	944	53	56	149	0	258	13	83	45	0	141	2736
% Lights and Motorcycles	98.4%	98.4%	100%	0%	98.4%	100%	96.9%	96.3%	0%	96.9%	89.8%	96.6%	94.9%	0%	94.2%	92.9%	97.6%	97.8%	0%	97.2%	97.4%
Heavy	5	18	0	0	23	0	27	3	0	30	6	2	8	0	16	1	2	1	0	4	73
% Heavy	1.6%	1.6%	0%	0%	1.6%	0%	3.1%	3.7%	0%	3.1%	10.2%	3.4%	5.1%	0%	5.8%	7.1%	2.4%	2.2%	0%	2.8%	2.6%

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & BODEN RD *AM - TMC

Tue Apr 23, 2019

AM Peak (7:30 AM - 8:30 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646798, Location: 40.016131, -85.93792, Site Code: i-183



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-23																						
7:30AM	9	45	0	0	54	0	77	7	0	84	9	5	22	0	36	0	2	0	0	2	176	
7:45AM	9	39	0	0	48	1	68	4	0	73	7	2	14	0	23	4	6	0	0	10	154	
8:00AM	11	33	1	0	45	0	58	1	0	59	7	5	16	0	28	2	0	0	0	2	134	
8:15AM	5	29	0	0	34	0	75	2	0	77	4	3	25	0	32	4	4	1	0	9	152	
Total	34	146	1	0	181	1	278	14	0	293	27	15	77	0	119	10	12	1	0	23	616	
% Approach	18.8%	80.7%	0.6%	0%	-	0.3%	94.9%	4.8%	0%	-	22.7%	12.6%	64.7%	0%	-	43.5%	52.2%	4.3%	0%	-	-	
% Total	5.5%	23.7%	0.2%	0%	29.4%	0.2%	45.1%	2.3%	0%	47.6%	4.4%	2.4%	12.5%	0%	19.3%	1.6%	1.9%	0.2%	0%	3.7%	-	
PHF	0.773	0.811	0.250	-	0.838	0.250	0.903	0.500	-	0.872	0.750	0.750	0.770	-	0.826	0.625	0.500	0.250	-	0.575	0.875	
Lights and Motorcycles	32	126	1	0	159	1	256	13	0	270	24	15	75	0	114	10	12	1	0	23	566	
% Lights and Motorcycles	94.1%	86.3%	100%	0%	87.8%	100%	92.1%	92.9%	0%	92.2%	88.9%	100%	97.4%	0%	95.8%	100%	100%	100%	0%	100%	91.9%	
Heavy	2	20	0	0	22	0	22	1	0	23	3	0	2	0	5	0	0	0	0	0	50	
% Heavy	5.9%	13.7%	0%	0%	12.2%	0%	7.9%	7.1%	0%	7.8%	11.1%	0%	2.6%	0%	4.2%	0%	0%	0%	0%	0%	8.1%	

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & BODEN RD * PM - TMC

Thu Apr 18, 2019

PM Peak (5:15 PM - 6:15 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646799, Location: 40.016131, -85.93792, Site Code: i-183



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-18																						
5:15PM	21	81	0	0	102	1	65	4	0	70	0	3	15	0	18	1	2	4	0	7	197	
5:30PM	25	64	2	0	91	0	84	3	0	87	6	3	18	0	27	1	8	3	0	12	217	
5:45PM	36	86	1	0	123	3	63	4	0	70	3	2	7	0	12	2	8	4	0	14	219	
6:00PM	22	64	0	0	86	4	68	6	0	78	2	7	11	0	20	0	5	5	0	10	194	
Total	104	295	3	0	402	8	280	17	0	305	11	15	51	0	77	4	23	16	0	43	827	
% Approach	25.9%	73.4%	0.7%	0%	-	2.6%	91.8%	5.6%	0%	-	14.3%	19.5%	66.2%	0%	-	9.3%	53.5%	37.2%	0%	-	-	
% Total	12.6%	35.7%	0.4%	0%	48.6%	1.0%	33.9%	2.1%	0%	36.9%	1.3%	1.8%	6.2%	0%	9.3%	0.5%	2.8%	1.9%	0%	5.2%	-	
PHF	0.722	0.858	0.375	-	0.817	0.500	0.833	0.708	-	0.876	0.458	0.536	0.708	-	0.713	0.500	0.719	0.800	-	0.768	0.944	
Lights and Motorcycles	104	294	3	0	401	8	280	17	0	305	11	15	49	0	75	4	23	16	0	43	824	
% Lights and Motorcycles	100%	99.7%	100%	0%	99.8%	100%	100%	100%	0%	100%	100%	100%	96.1%	0%	97.4%	100%	100%	100%	0%	100%	99.6%	
Heavy	0	1	0	0	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	3	
% Heavy	0%	0.3%	0%	0%	0.2%	0%	0%	0%	0%	0%	0%	0%	3.9%	0%	2.6%	0%	0%	0%	0%	0%	0.4%	

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & SUMMER RD - TMC

Tue Apr 16, 2019

Full Length (3 AM-3 AM(+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646246, Location: 40.015855, -85.956758, Site Code: i-184



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-16																						
3:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3:15AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3:30AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
3:45AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2
4:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1
4:15AM	0	0	0	0	0	0	3	0	0	3	0	0	0	0	0	0	0	1	0	1	1	4
4:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4:45AM	0	1	0	0	1	1	0	1	0	2	0	0	0	0	0	0	1	3	0	4	4	7
Hourly Total	0	1	0	0	1	1	3	1	0	5	0	0	0	0	0	0	1	5	0	6	6	12
5:00AM	0	2	0	0	2	0	3	0	0	3	0	0	0	0	0	0	1	2	0	3	3	8
5:15AM	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	1	0	0	1	1	4
5:30AM	0	1	0	0	1	1	2	0	0	3	0	0	0	0	0	1	2	2	0	5	5	9
5:45AM	0	1	1	0	2	2	0	0	0	2	0	0	1	0	1	1	2	3	0	6	6	11
Hourly Total	0	5	1	0	6	3	7	0	0	10	0	0	1	0	1	2	6	7	0	15	15	32
6:00AM	0	0	0	0	0	3	2	2	0	7	0	1	0	0	1	1	7	1	0	9	9	17
6:15AM	0	3	0	0	3	6	4	0	0	10	0	2	2	0	4	0	4	2	0	6	6	23
6:30AM	1	2	0	0	3	3	12	0	0	15	0	1	3	0	4	3	6	3	0	12	12	34
6:45AM	0	3	1	0	4	4	10	2	0	16	1	0	0	0	1	5	9	7	0	21	21	42
Hourly Total	1	8	1	0	10	16	28	4	0	48	1	4	5	0	10	9	26	13	0	48	48	116
7:00AM	0	6	0	0	6	2	10	5	0	17	0	8	2	0	10	2	8	13	0	23	23	56
7:15AM	0	5	1	0	6	4	10	2	0	16	0	8	0	0	8	4	11	7	0	22	22	52
7:30AM	0	3	2	0	5	3	6	6	0	15	2	3	1	0	6	5	13	3	0	21	21	47
7:45AM	0	10	0	0	10	4	9	3	0	16	1	5	1	0	7	3	18	10	0	31	31	64
Hourly Total	0	24	3	0	27	13	35	16	0	64	3	24	4	0	31	14	50	33	0	97	97	219
8:00AM	1	8	2	0	11	2	7	1	1	11	1	4	3	0	8	3	8	5	0	16	16	46
8:15AM	0	9	0	0	9	5	10	4	0	19	0	7	0	0	7	4	7	10	0	21	21	56
8:30AM	0	7	0	0	7	4	12	0	0	16	1	1	0	0	2	0	7	11	0	18	18	43
8:45AM	1	5	1	0	7	6	8	1	0	15	2	2	2	0	6	3	9	6	0	18	18	46
Hourly Total	2	29	3	0	34	17	37	6	1	61	4	14	5	0	23	10	31	32	0	73	73	191
9:00AM	2	13	1	0	16	2	4	2	0	8	2	7	0	0	9	3	7	10	0	20	20	53
9:15AM	0	11	0	0	11	2	4	2	0	8	1	2	0	0	3	0	5	8	0	13	13	35
9:30AM	0	6	6	0	12	6	7	2	0	15	1	3	0	0	4	1	7	7	0	15	15	46
9:45AM	0	4	2	0	6	3	7	4	0	14	4	2	0	0	6	0	7	5	0	12	12	38
Hourly Total	2	34	9	0	45	13	22	10	0	45	8	14	0	0	22	4	26	30	0	60	60	172
10:00AM	0	7	0	0	7	6	6	3	0	15	1	3	0	0	4	1	1	4	0	6	6	32
10:15AM	0	7	0	0	7	8	8	1	0	17	2	5	0	0	7	3	4	1	0	8	8	39
10:30AM	0	6	2	0	8	6	3	1	0	10	1	5	0	0	6	1	6	11	0	18	18	42
10:45AM	1	7	1	0	9	9	6	1	0	16	0	3	0	0	3	1	3	6	0	10	10	38
Hourly Total	1	27	3	0	31	29	23	6	0	58	4	16	0	0	20	6	14	22	0	42	42	151
11:00AM	1	3	1	0	5	4	6	3	0	13	0	1	0	0	1	2	4	5	0	11	11	30
11:15AM	0	4	2	0	6	4	5	1	0	10	2	2	0	0	4	0	4	10	0	14	14	34
11:30AM	0	3	1	0	4	3	5	4	0	12	1	2	0	0	3	0	4	3	0	7	7	26
11:45AM	0	9	3	0	12	11	3	1	1	16	1	3	0	0	4	0	2	8	0	10	10	42
Hourly Total	1	19	7	0	27	22	19	9	1	51	4	8	0	0	12	2	14	26	0	42	42	132
12:00PM	0	12	2	0	14	9	7	1	0	17	3	4	0	0	7	1	1	5	0	7	7	45
12:15PM	1	5	1	0	7	4	6	2	0	12	0	1	1	0	2	1	6	5	0	12	12	33
12:30PM	1	4	2	0	7	7	3	1	0	11	1	1	1	0	3	1	3	6	0	10	10	31
12:45PM	0	9	1	0	10	6	4	2	0	12	0	2	0	0	2	1	8	8	0	17	17	41
Hourly Total	2	30	6	0	38	26	20	6	0	52	4	8	2	0	14	4	18	24	0	46	46	150
1:00PM	0	9	1	0	10	3	5	0	0	8	0	4	0	0	4	0	6	4	0	10	10	32
1:15PM	0	5	1	0	6	6	8	0	0	14	0	4	1	0	5	3	9	10	0	22	22	47
1:30PM	0	6	0	0	6	3	9	3	0	15	1	6	0	0	7	2	2	7	0	11	11	39
1:45PM	1	8	1	0	10	14	9	2	0	25	2	8	0	0	10	2	5	5	0	12	12	57
Hourly Total	1	28	3	0	32	26	31	5	0	62	3	22	1	0	26	7	22	26	0	55	55	175

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2:00PM	0	2	2	0	4	5	11	1	0	17	2	2	0	0	4	2	4	2	0	8	33
2:15PM	0	9	1	0	10	8	9	1	0	18	3	2	0	0	5	1	7	8	0	16	49
2:30PM	0	5	2	0	7	4	12	1	0	17	3	2	0	0	5	2	3	3	0	8	37
2:45PM	0	8	2	0	10	6	4	0	0	10	1	4	1	0	6	2	7	12	0	21	47
Hourly Total	0	24	7	0	31	23	36	3	0	62	9	10	1	0	20	7	21	25	0	53	166
3:00PM	0	11	3	0	14	7	10	2	0	19	3	4	0	0	7	1	3	13	0	17	57
3:15PM	2	14	4	0	20	12	9	0	0	21	0	6	0	0	6	3	3	8	0	14	61
3:30PM	0	7	2	0	9	14	15	2	0	31	4	4	0	0	8	2	6	7	0	15	63
3:45PM	1	16	2	0	19	13	12	3	0	28	4	7	0	0	11	2	4	10	0	16	74
Hourly Total	3	48	11	0	62	46	46	7	0	99	11	21	0	0	32	8	16	38	0	62	255
4:00PM	2	4	2	0	8	8	12	2	0	22	2	11	0	0	13	3	5	18	0	26	69
4:15PM	0	8	1	0	9	10	7	1	0	18	3	9	0	0	12	0	4	10	0	14	53
4:30PM	0	11	2	0	13	11	6	2	0	19	3	6	0	0	9	2	10	9	0	21	62
4:45PM	0	16	2	0	18	14	6	3	0	23	0	12	1	0	13	2	8	11	0	21	75
Hourly Total	2	39	7	0	48	43	31	8	0	82	8	38	1	0	47	7	27	48	0	82	259
5:00PM	2	14	3	0	19	14	8	3	0	25	1	12	0	0	13	2	7	12	0	21	78
5:15PM	0	12	3	0	15	11	9	3	0	23	4	10	0	0	14	3	3	12	0	18	70
5:30PM	0	16	0	0	16	22	11	3	0	36	3	9	0	0	12	0	6	13	0	19	83
5:45PM	2	12	2	0	16	17	12	1	0	30	5	8	0	0	13	3	8	18	0	29	88
Hourly Total	4	54	8	0	66	64	40	10	0	114	13	39	0	0	52	8	24	55	0	87	319
6:00PM	0	13	1	0	14	15	9	2	0	26	2	11	0	0	13	1	8	17	0	26	79
6:15PM	3	10	4	0	17	12	9	2	0	23	3	9	0	0	12	2	8	10	0	20	72
6:30PM	1	7	3	0	11	8	14	2	0	24	1	9	0	0	10	1	6	9	0	16	61
6:45PM	1	4	5	0	10	11	8	1	0	20	1	10	0	0	11	4	8	10	0	22	63
Hourly Total	5	34	13	0	52	46	40	7	0	93	7	39	0	0	46	8	30	46	0	84	275
7:00PM	1	6	3	0	10	10	12	1	0	23	1	5	0	0	6	1	7	13	0	21	60
7:15PM	0	11	0	0	11	11	14	2	0	27	2	5	0	0	7	0	4	6	0	10	55
7:30PM	0	7	4	0	11	12	10	0	0	22	3	4	0	0	7	1	4	4	0	9	49
7:45PM	0	7	2	0	9	7	8	2	0	17	0	6	1	0	7	2	5	8	0	15	48
Hourly Total	1	31	9	0	41	40	44	5	0	89	6	20	1	0	27	4	20	31	0	55	212
8:00PM	1	5	2	0	8	8	8	1	0	17	2	2	0	0	4	0	2	8	0	10	39
8:15PM	0	3	1	0	4	12	6	2	0	20	2	5	0	0	7	0	4	5	0	9	40
8:30PM	1	5	2	0	8	7	7	3	0	17	0	4	0	0	4	0	6	7	0	13	42
8:45PM	1	3	2	0	6	11	13	0	0	24	0	7	0	0	7	0	3	9	0	12	49
Hourly Total	3	16	7	0	26	38	34	6	0	78	4	18	0	0	22	0	15	29	0	44	170
9:00PM	1	3	1	0	5	5	6	0	0	11	1	4	0	0	5	4	6	2	0	12	33
9:15PM	0	8	1	0	9	1	3	1	0	5	1	5	0	0	6	2	2	1	0	5	25
9:30PM	0	3	1	0	4	3	7	1	0	11	1	0	0	0	1	2	2	4	0	8	24
9:45PM	0	3	1	0	4	6	5	0	0	11	1	2	0	0	3	0	4	1	0	5	23
Hourly Total	1	17	4	0	22	15	21	2	0	38	4	11	0	0	15	8	14	8	0	30	105
10:00PM	0	1	1	0	2	0	1	1	0	2	0	1	0	0	1	0	0	4	0	4	9
10:15PM	0	1	0	0	1	3	0	0	0	3	0	1	0	0	1	0	0	1	0	1	6
10:30PM	0	0	0	0	0	3	3	0	0	6	0	2	0	0	2	0	1	2	0	3	11
10:45PM	0	0	1	0	1	1	1	0	0	2	0	0	0	0	0	0	2	0	0	2	5
Hourly Total	0	2	2	0	4	7	5	1	0	13	0	4	0	0	4	0	3	7	0	10	31
11:00PM	0	1	0	0	1	0	3	0	0	3	0	1	1	0	2	1	1	2	0	4	10
11:15PM	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	0	0	2	4
11:30PM	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	2
11:45PM	0	1	0	0	1	1	1	0	0	2	1	1	0	0	2	0	0	0	0	0	5
Hourly Total	0	3	0	0	3	1	5	0	0	6	1	4	1	0	6	2	2	2	0	6	21
2019-04-17																					
12:00AM	0	0	0	0	0	2	1	0	0	3	0	1	0	0	1	0	0	1	0	1	5
12:15AM	0	0	1	0	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	3
12:30AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
12:45AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	1	2
Hourly Total	0	1	1	0	2	3	2	0	0	5	0	2	0	0	2	0	2	1	0	3	12
1:00AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1
1:15AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
1:45AM	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	2
Hourly Total	0	0	0	0	0	1	1	0	0	2	0	0	0	0	0	0	1	1	0	2	4
2:00AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2:15AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2:30AM	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
2:45AM	0	0	0	0	0	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	1	0	0	1	0	2	1	0	3	0	0	0	0	0	0	0	1	0	1	5	
Total	29	475	105	0	609	494	533	113	2	1142	94	316	22	0	432	110	383	510	0	1003	3186	
% Approach	4.8%	78.0%	17.2%	0%	-	43.3%	46.7%	9.9%	0.2%	-	21.8%	73.1%	5.1%	0%	-	11.0%	38.2%	50.8%	0%	-	-	
% Total	0.9%	14.9%	3.3%	0%	19.1%	15.5%	16.7%	3.5%	0.1%	35.8%	3.0%	9.9%	0.7%	0%	13.6%	3.5%	12.0%	16.0%	0%	31.5%	-	
Lights and Motorcycles	27	442	99	0	568	482	509	108	2	1101	86	306	21	0	413	97	375	493	0	965	3047	
% Lights and Motorcycles	93.1%	93.1%	94.3%	0%	93.3%	97.6%	95.5%	95.6%	100%	96.4%	91.5%	96.8%	95.5%	0%	95.6%	88.2%	97.9%	96.7%	0%	96.2%	95.6%	
Heavy	2	33	6	0	41	12	24	5	0	41	8	10	1	0	19	13	8	17	0	38	139	
% Heavy	6.9%	6.9%	5.7%	0%	6.7%	2.4%	4.5%	4.4%	0%	3.6%	8.5%	3.2%	4.5%	0%	4.4%	11.8%	2.1%	3.3%	0%	3.8%	4.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & SUMMER RD - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646246, Location: 40.015855, -85.956758, Site Code: i-184



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-16 7:00AM	0	6	0	0	6	2	10	5	0	17	0	8	2	0	10	2	8	13	0	23	56
7:15AM	0	5	1	0	6	4	10	2	0	16	0	8	0	0	8	4	11	7	0	22	52
7:30AM	0	3	2	0	5	3	6	6	0	15	2	3	1	0	6	5	13	3	0	21	47
7:45AM	0	10	0	0	10	4	9	3	0	16	1	5	1	0	7	3	18	10	0	31	64
Total	0	24	3	0	27	13	35	16	0	64	3	24	4	0	31	14	50	33	0	97	219
% Approach	0%	88.9%	11.1%	0%	-	20.3%	54.7%	25.0%	0%	-	9.7%	77.4%	12.9%	0%	-	14.4%	51.5%	34.0%	0%	-	-
% Total	0%	11.0%	1.4%	0%	12.3%	5.9%	16.0%	7.3%	0%	29.2%	1.4%	11.0%	1.8%	0%	14.2%	6.4%	22.8%	15.1%	0%	44.3%	-
PHF	-	0.600	0.375	-	0.675	0.813	0.875	0.667	-	0.941	0.375	0.750	0.500	-	0.775	0.700	0.694	0.635	-	0.782	0.855
Lights and Motorcycles	0	20	3	0	23	12	33	16	0	61	3	24	4	0	31	12	50	32	0	94	209
% Lights and Motorcycles	0%	83.3%	100%	0%	85.2%	92.3%	94.3%	100%	0%	95.3%	100%	100%	100%	0%	100%	85.7%	100%	97.0%	0%	96.9%	95.4%
Heavy	0	4	0	0	4	1	2	0	0	3	0	0	0	0	0	2	0	1	0	3	10
% Heavy	0%	16.7%	0%	0%	14.8%	7.7%	5.7%	0%	0%	4.7%	0%	0%	0%	0%	0%	14.3%	0%	3.0%	0%	3.1%	4.6%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & SUMMER RD - TMC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 5:30PM - 6:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646246, Location: 40.015855, -85.956758, Site Code: i-184



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-16																						
5:30PM	0	16	0	0	16	22	11	3	0	36	3	9	0	0	12	0	6	13	0	19		83
5:45PM	2	12	2	0	16	17	12	1	0	30	5	8	0	0	13	3	8	18	0	29		88
6:00PM	0	13	1	0	14	15	9	2	0	26	2	11	0	0	13	1	8	17	0	26		79
6:15PM	3	10	4	0	17	12	9	2	0	23	3	9	0	0	12	2	8	10	0	20		72
Total	5	51	7	0	63	66	41	8	0	115	13	37	0	0	50	6	30	58	0	94		322
% Approach	7.9%	81.0%	11.1%	0%	-	57.4%	35.7%	7.0%	0%	-	26.0%	74.0%	0%	0%	-	6.4%	31.9%	61.7%	0%	-		-
% Total	1.6%	15.8%	2.2%	0%	19.6%	20.5%	12.7%	2.5%	0%	35.7%	4.0%	11.5%	0%	0%	15.5%	1.9%	9.3%	18.0%	0%	29.2%		-
PHF	0.417	0.797	0.438	-	0.926	0.750	0.854	0.667	-	0.799	0.650	0.841	-	-	0.962	0.500	0.938	0.806	-	0.810		0.915
Lights and Motorcycles	5	50	7	0	62	66	41	8	0	115	13	37	0	0	50	6	30	58	0	94		321
% Lights and Motorcycles	100%	98.0%	100%	0%	98.4%	100%	100%	100%	0%	100%	100%	100%	0%	0%	100%	100%	100%	100%	0%	100%		99.7%
Heavy	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		1
% Heavy	0%	2.0%	0%	0%	1.6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		0.3%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & PROMISE RD - TMC

Thu May 16, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656588, Location: 40.013792, -85.971106, Site Code: i-185



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-16 6:30AM	0	0	0	0	0	1	0	8	0	9	1	13	0	0	14	0	24	0	0	24	47
6:45AM	0	0	0	0	0	1	0	12	0	13	3	31	0	0	34	0	44	1	0	45	92
Hourly Total	0	0	0	0	0	2	0	20	0	22	4	44	0	0	48	0	68	1	0	69	139
7:00AM	0	0	0	0	0	1	0	15	0	16	3	31	0	0	34	0	44	0	0	44	94
7:15AM	0	0	0	0	0	2	0	12	0	14	3	31	0	0	34	0	61	1	0	62	110
7:30AM	1	0	0	0	1	2	0	9	0	11	5	32	0	0	37	0	69	0	0	69	118
7:45AM	0	0	0	0	0	1	0	7	0	8	6	37	0	0	43	0	74	0	0	74	125
Hourly Total	1	0	0	0	1	6	0	43	0	49	17	131	0	0	148	0	248	1	0	249	447
8:00AM	0	0	0	0	0	1	0	8	0	9	5	35	0	0	40	0	75	1	0	76	125
8:15AM	0	0	0	0	0	0	0	12	0	12	2	24	0	0	26	0	54	0	0	54	92
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	1	0	20	0	21	7	59	0	0	66	0	129	1	0	130	217
3:00PM	0	0	0	0	0	0	0	6	0	6	7	37	0	0	44	0	44	1	0	45	95
3:15PM	0	1	0	0	1	1	0	11	0	12	9	57	0	0	66	0	60	1	0	61	140
3:30PM	0	0	0	0	0	2	0	5	0	7	8	56	0	0	64	0	75	0	0	75	146
3:45PM	0	0	0	0	0	2	0	8	0	10	8	58	0	0	66	0	62	1	0	63	139
Hourly Total	0	1	0	0	1	5	0	30	0	35	32	208	0	0	240	0	241	3	0	244	520
4:00PM	0	0	0	0	0	1	0	13	0	14	5	51	0	0	56	0	65	1	0	66	136
4:15PM	1	0	0	0	1	0	0	8	0	8	11	67	0	0	78	1	60	1	0	62	149
4:30PM	0	0	0	0	0	0	0	8	0	8	14	55	0	0	69	0	67	0	0	67	144
4:45PM	0	0	0	0	0	3	0	13	0	16	14	75	0	0	89	0	77	1	0	78	183
Hourly Total	1	0	0	0	1	4	0	42	0	46	44	248	0	0	292	1	269	3	0	273	612
5:00PM	0	0	0	0	0	0	0	13	0	13	9	69	0	0	78	0	74	1	0	75	166
5:15PM	0	0	0	0	0	1	0	7	0	8	7	69	0	0	76	0	76	0	0	76	160
5:30PM	0	0	0	0	0	1	0	4	0	5	10	74	0	0	84	0	45	1	0	46	135
5:45PM	0	0	0	0	0	0	0	12	0	12	7	67	0	0	74	0	56	2	0	58	144
Hourly Total	0	0	0	0	0	2	0	36	0	38	33	279	0	0	312	0	251	4	0	255	605
6:00PM	0	0	0	0	0	0	0	9	0	9	8	60	0	0	68	0	62	1	0	63	140
6:15PM	0	0	0	0	0	1	0	4	0	5	14	56	0	0	70	0	60	3	0	63	138
6:30PM	0	0	0	0	0	0	0	6	0	6	5	56	0	0	61	0	39	0	0	39	106
6:45PM	0	0	0	0	0	2	0	5	0	7	13	46	0	0	59	0	41	0	0	41	107
Hourly Total	0	0	0	0	0	3	0	24	0	27	40	218	0	0	258	0	202	4	0	206	491
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	2	1	0	0	3	23	0	215	0	238	177	1187	0	0	1364	1	1408	17	0	1426	3031
% Approach	66.7%	33.3%	0%	0%	-	9.7%	0%	90.3%	0%	-	13.0%	87.0%	0%	0%	-	0.1%	98.7%	1.2%	0%	-	-
% Total	0.1%	0%	0%	0%	0.1%	0.8%	0%	7.1%	0%	7.9%	5.8%	39.2%	0%	0%	45.0%	0%	46.5%	0.6%	0%	47.0%	-
Lights and Motorcycles	2	1	0	0	3	22	0	209	0	231	172	1142	0	0	1314	1	1364	16	0	1381	2929
% Lights and Motorcycles	100%	100%	0%	0%	100%	95.7%	0%	97.2%	0%	97.1%	97.2%	96.2%	0%	0%	96.3%	100%	96.9%	94.1%	0%	96.8%	96.6%
Heavy	0	0	0	0	0	1	0	6	0	7	5	45	0	0	50	0	44	1	0	45	102
% Heavy	0%	0%	0%	0%	0%	4.3%	0%	2.8%	0%	2.9%	2.8%	3.8%	0%	0%	3.7%	0%	3.1%	5.9%	0%	3.2%	3.4%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & PROMISE RD - TMC

Thu May 16, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656588, Location: 40.013792, -85.971106, Site Code: i-185



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-16 7:15AM	0	0	0	0	0	2	0	12	0	14	3	31	0	0	34	0	61	1	0	62	110
7:30AM	1	0	0	0	1	2	0	9	0	11	5	32	0	0	37	0	69	0	0	69	118
7:45AM	0	0	0	0	0	1	0	7	0	8	6	37	0	0	43	0	74	0	0	74	125
8:00AM	0	0	0	0	0	1	0	8	0	9	5	35	0	0	40	0	75	1	0	76	125
Total	1	0	0	0	1	6	0	36	0	42	19	135	0	0	154	0	279	2	0	281	478
% Approach	100%	0%	0%	0%	-	14.3%	0%	85.7%	0%	-	12.3%	87.7%	0%	0%	-	0%	99.3%	0.7%	0%	-	-
% Total	0.2%	0%	0%	0%	0.2%	1.3%	0%	7.5%	0%	8.8%	4.0%	28.2%	0%	0%	32.2%	0%	58.4%	0.4%	0%	58.8%	-
PHF	0.250	-	-	-	0.250	0.750	-	0.750	-	0.750	0.792	0.912	-	-	0.895	-	0.930	0.500	-	0.924	0.956
Lights and Motorcycles	1	0	0	0	1	6	0	35	0	41	19	125	0	0	144	0	270	2	0	272	458
% Lights and Motorcycles	100%	0%	0%	0%	100%	100%	0%	97.2%	0%	97.6%	100%	92.6%	0%	0%	93.5%	0%	96.8%	100%	0%	96.8%	95.8%
Heavy	0	0	0	0	0	0	0	1	0	1	0	10	0	0	10	0	9	0	0	9	20
% Heavy	0%	0%	0%	0%	0%	0%	0%	2.8%	0%	2.4%	0%	7.4%	0%	0%	6.5%	0%	3.2%	0%	0%	3.2%	4.2%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & PROMISE RD - TMC

Thu May 16, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656588, Location: 40.013792, -85.971106, Site Code: i-185



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-16 4:30PM	0	0	0	0	0	0	0	8	0	8	14	55	0	0	69	0	67	0	0	67	144
4:45PM	0	0	0	0	0	3	0	13	0	16	14	75	0	0	89	0	77	1	0	78	183
5:00PM	0	0	0	0	0	0	0	13	0	13	9	69	0	0	78	0	74	1	0	75	166
5:15PM	0	0	0	0	0	1	0	7	0	8	7	69	0	0	76	0	76	0	0	76	160
Total	0	0	0	0	0	4	0	41	0	45	44	268	0	0	312	0	294	2	0	296	653
% Approach	0%	0%	0%	0%	-	8.9%	0%	91.1%	0%	-	14.1%	85.9%	0%	0%	-	0%	99.3%	0.7%	0%	-	-
% Total	0%	0%	0%	0%	0%	0.6%	0%	6.3%	0%	6.9%	6.7%	41.0%	0%	0%	47.8%	0%	45.0%	0.3%	0%	45.3%	-
PHF	-	-	-	-	-	0.333	-	0.788	-	0.703	0.786	0.893	-	-	0.876	-	0.955	0.500	-	0.949	0.892
Lights and Motorcycles	0	0	0	0	0	3	0	41	0	44	42	266	0	0	308	0	289	2	0	291	643
% Lights and Motorcycles	0%	0%	0%	0%	-	75.0%	0%	100%	0%	97.8%	95.5%	99.3%	0%	0%	98.7%	0%	98.3%	100%	0%	98.3%	98.5%
Heavy	0	0	0	0	0	1	0	0	0	1	2	2	0	0	4	0	5	0	0	5	10
% Heavy	0%	0%	0%	0%	-	25.0%	0%	0%	0%	2.2%	4.5%	0.7%	0%	0%	1.3%	0%	1.7%	0%	0%	1.7%	1.5%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & UNION CHAPEL RD - TMC

Tue Apr 16, 2019

Full Length (3 AM-3 AM(+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646244, Location: 40.015339, -85.975614, Site Code: i-186



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 3:00AM	0	0	1	0	1	1	0	1	0	2	0	0	0	0	0	0	0	0	0	0	3
3:15AM	0	0	0	0	0	2	1	1	0	4	0	1	1	0	2	0	3	0	0	3	9
3:30AM	0	1	0	0	1	1	1	1	0	3	0	1	0	0	1	1	3	0	0	4	9
3:45AM	1	0	0	0	1	3	1	0	0	4	0	3	1	0	4	0	1	0	0	1	10
Hourly Total	1	1	1	0	3	7	3	3	0	13	0	5	2	0	7	1	7	0	0	8	31
4:00AM	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	3	1	0	4	7
4:15AM	1	0	0	0	1	0	0	2	0	2	0	2	1	0	3	0	2	0	0	2	8
4:30AM	2	0	0	0	2	1	2	4	0	7	1	0	0	0	1	0	9	0	0	9	19
4:45AM	3	1	0	0	4	1	3	1	0	5	4	4	0	0	8	0	9	5	0	14	31
Hourly Total	6	1	0	0	7	2	5	7	0	14	5	8	2	0	15	0	23	6	0	29	65
5:00AM	1	1	0	0	2	3	3	4	1	11	1	3	0	0	4	1	6	2	0	9	26
5:15AM	1	5	1	0	7	0	8	3	0	11	0	2	1	0	3	0	6	2	0	8	29
5:30AM	2	3	1	0	6	4	4	9	0	17	2	19	0	0	21	0	11	2	0	13	57
5:45AM	5	5	0	0	10	1	9	12	0	22	5	15	0	0	20	0	19	5	0	24	76
Hourly Total	9	14	2	0	25	8	24	28	1	61	8	39	1	0	48	1	42	11	0	54	188
6:00AM	8	3	0	0	11	5	5	20	0	30	1	11	3	0	15	1	36	9	2	48	104
6:15AM	7	5	0	1	13	5	16	14	0	35	4	17	1	0	22	2	39	2	0	43	113
6:30AM	15	6	2	1	24	6	8	25	0	39	3	27	18	0	48	4	57	6	0	67	178
6:45AM	9	15	3	0	27	12	22	20	0	54	7	32	15	0	54	1	67	11	0	79	214
Hourly Total	39	29	5	2	75	28	51	79	0	158	15	87	37	0	139	8	199	28	2	237	609
7:00AM	21	31	1	0	53	14	16	29	1	60	7	45	12	1	65	3	60	15	0	78	256
7:15AM	22	26	4	0	52	11	17	26	0	54	9	46	13	0	68	6	115	19	0	140	314
7:30AM	20	21	2	0	43	18	16	27	1	62	6	44	17	0	67	5	122	19	0	146	318
7:45AM	22	26	4	0	52	12	11	18	0	41	11	50	15	0	76	9	119	25	0	153	322
Hourly Total	85	104	11	0	200	55	60	100	2	217	33	185	57	1	276	23	416	78	0	517	1210
8:00AM	20	24	6	0	50	16	32	28	0	76	13	46	13	1	73	3	90	22	0	115	314
8:15AM	16	16	1	1	34	17	25	26	0	68	10	52	26	0	88	11	92	15	0	118	308
8:30AM	35	38	7	0	80	13	23	12	0	48	9	44	28	0	81	11	100	31	0	142	351
8:45AM	13	22	2	0	37	13	24	30	0	67	14	44	15	0	73	5	79	18	0	102	279
Hourly Total	84	100	16	1	201	59	104	96	0	259	46	186	82	1	315	30	361	86	0	477	1252
9:00AM	14	25	3	1	43	13	11	11	0	35	16	53	10	0	79	5	82	29	0	116	273
9:15AM	13	17	4	0	34	12	16	28	0	56	9	32	8	0	49	3	56	17	0	76	215
9:30AM	11	12	4	0	27	9	12	18	1	40	17	49	20	0	86	6	52	20	2	80	233
9:45AM	4	15	7	0	26	16	12	6	0	34	6	47	7	0	60	8	40	19	0	67	187
Hourly Total	42	69	18	1	130	50	51	63	1	165	48	181	45	0	274	22	230	85	2	339	908
10:00AM	13	21	9	0	43	19	13	7	0	39	6	32	5	0	43	0	47	15	0	62	187
10:15AM	11	20	5	0	36	14	13	12	0	39	13	40	2	0	55	3	39	14	0	56	186
10:30AM	9	14	5	0	28	9	11	9	0	29	11	42	8	0	61	6	42	19	0	67	185
10:45AM	10	20	1	0	31	18	17	10	1	46	9	47	6	2	64	5	58	21	0	84	225
Hourly Total	43	75	20	0	138	60	54	38	1	153	39	161	21	2	223	14	186	69	0	269	783
11:00AM	8	19	5	0	32	17	20	12	0	49	13	43	13	0	69	1	56	19	0	76	226
11:15AM	7	17	7	0	31	26	18	11	0	55	9	53	11	0	73	4	46	24	0	74	233
11:30AM	10	20	4	0	34	15	15	16	1	47	14	48	12	0	74	3	51	37	0	91	246
11:45AM	16	27	10	0	53	21	31	16	0	68	6	44	8	0	58	2	50	25	0	77	256
Hourly Total	41	83	26	0	150	79	84	55	1	219	42	188	44	0	274	10	203	105	0	318	961
12:00PM	4	12	6	0	22	17	13	15	0	45	15	68	12	1	96	7	60	17	0	84	247
12:15PM	6	15	4	0	25	16	18	7	1	42	10	54	6	0	70	2	60	17	1	80	217
12:30PM	7	16	8	0	31	20	29	15	1	65	17	53	8	1	79	2	56	30	0	88	263
12:45PM	13	27	6	0	46	12	17	26	0	55	20	47	10	1	78	7	69	26	0	102	281
Hourly Total	30	70	24	0	124	65	77	63	2	207	62	222	36	3	323	18	245	90	1	354	1008
1:00PM	16	15	6	0	37	22	19	21	0	62	18	67	8	1	94	0	58	19	2	79	272
1:15PM	14	12	3	0	29	16	25	8	0	49	17	55	7	0	79	4	56	18	0	78	235
1:30PM	15	23	1	0	39	19	13	13	0	45	13	57	9	0	79	2	52	23	0	77	240
1:45PM	12	13	5	0	30	23	15	15	0	53	20	67	11	0	98	5	71	35	0	111	292
Hourly Total	57	63	15	0	135	80	72	57	0	209	68	246	35	1	350	11	237	95	2	345	1039
2:00PM	7	14	7	0	28	24	23	12	0	59	11	52	11	0	74	1	42	30	0	73	234
2:15PM	10	17	4	0	31	17	21	15	0	53	5	55	17	0	77	7	44	20	0	71	232
2:30PM	13	18	7	0	38	26	25	8	0	59	9	42	13	1	65	2	38	29	0	69	231

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2:45PM	9	19	6	0	34	20	20	12	0	52	7	46	15	0	68	2	43	34	2	81	235
Hourly Total	39	68	24	0	131	87	89	47	0	223	32	195	56	1	284	12	167	113	2	294	932
3:00PM	9	35	6	0	50	25	20	25	3	73	20	65	23	0	108	6	64	21	4	95	326
3:15PM	17	24	6	0	47	22	31	25	0	78	20	82	29	0	131	11	69	26	1	107	363
3:30PM	26	45	11	0	82	18	21	23	0	62	20	58	18	0	96	6	71	24	0	101	341
3:45PM	16	42	8	0	66	24	27	24	0	75	33	90	23	0	146	5	74	18	3	100	387
Hourly Total	68	146	31	0	245	89	99	97	3	288	93	295	93	0	481	28	278	89	8	403	1417
4:00PM	22	43	13	0	78	12	24	13	3	52	28	72	24	0	124	6	63	28	0	97	351
4:15PM	20	37	9	0	66	27	31	19	1	78	31	81	15	1	128	6	83	17	1	107	379
4:30PM	13	44	12	0	69	23	31	18	1	73	22	98	13	0	133	8	98	37	0	143	418
4:45PM	18	47	8	0	73	26	36	22	0	84	21	81	11	5	118	5	77	38	0	120	395
Hourly Total	73	171	42	0	286	88	122	72	5	287	102	332	63	6	503	25	321	120	1	467	1543
5:00PM	12	38	17	0	67	35	34	20	0	89	22	92	15	0	129	2	73	40	0	115	400
5:15PM	19	38	13	0	70	25	42	34	2	103	21	100	19	1	141	5	96	32	0	133	447
5:30PM	6	33	14	0	53	31	32	24	0	87	26	107	29	0	162	9	77	40	0	126	428
5:45PM	23	37	10	1	71	22	35	14	1	72	20	101	24	0	145	6	83	29	0	118	406
Hourly Total	60	146	54	1	261	113	143	92	3	351	89	400	87	1	577	22	329	141	0	492	1681
6:00PM	12	31	17	0	60	21	26	28	0	75	12	88	25	1	126	5	49	30	0	84	345
6:15PM	13	31	12	0	56	28	25	24	0	77	10	96	20	0	126	6	60	31	0	97	356
6:30PM	8	30	5	0	43	22	22	20	0	64	8	87	27	0	122	7	60	23	0	90	319
6:45PM	13	32	6	0	51	13	25	23	0	61	10	74	15	0	99	4	66	21	0	91	302
Hourly Total	46	124	40	0	210	84	98	95	0	277	40	345	87	1	473	22	235	105	0	362	1322
7:00PM	14	19	6	0	39	15	21	16	0	52	17	74	18	0	109	6	56	22	0	84	284
7:15PM	10	26	8	0	44	9	28	17	0	54	19	70	22	0	111	2	50	18	0	70	279
7:30PM	6	16	3	0	25	30	45	10	0	85	10	60	12	1	83	5	52	20	0	77	270
7:45PM	10	21	6	0	37	27	43	21	0	91	16	63	15	0	94	5	43	17	0	65	287
Hourly Total	40	82	23	0	145	81	137	64	0	282	62	267	67	1	397	18	201	77	0	296	1120
8:00PM	7	18	6	0	31	23	26	15	0	64	10	61	6	0	77	2	40	14	0	56	228
8:15PM	7	15	5	0	27	23	21	12	0	56	8	51	20	0	79	3	33	11	0	47	209
8:30PM	10	16	8	0	34	18	20	9	0	47	21	43	15	0	79	3	28	11	0	42	202
8:45PM	6	11	2	0	19	13	21	10	1	45	13	52	14	0	79	4	35	11	0	50	193
Hourly Total	30	60	21	0	111	77	88	46	1	212	52	207	55	0	314	12	136	47	0	195	832
9:00PM	3	12	6	0	21	16	10	6	0	32	6	33	8	0	47	3	33	11	0	47	147
9:15PM	4	3	5	1	13	12	15	4	0	31	7	36	6	0	49	1	24	10	0	35	128
9:30PM	9	15	7	0	31	17	8	3	0	28	18	33	8	0	59	8	29	9	0	46	164
9:45PM	4	7	3	0	14	3	10	3	0	16	4	18	6	1	29	2	27	10	0	39	98
Hourly Total	20	37	21	1	79	48	43	16	0	107	35	120	28	1	184	14	113	40	0	167	537
10:00PM	2	4	3	0	9	4	3	2	0	9	2	19	7	0	28	4	13	2	1	20	66
10:15PM	2	0	2	0	4	2	4	1	0	7	3	17	8	0	28	2	14	3	0	19	58
10:30PM	2	3	1	0	6	3	2	1	0	6	6	17	4	0	27	0	10	0	0	10	49
10:45PM	1	1	0	0	2	2	3	1	0	6	4	11	3	0	18	1	11	2	0	14	40
Hourly Total	7	8	6	0	21	11	12	5	0	28	15	64	22	0	101	7	48	7	1	63	213
11:00PM	2	1	2	0	5	8	0	3	0	11	2	6	0	0	8	1	8	1	0	10	34
11:15PM	0	0	1	0	1	0	2	0	0	2	1	13	2	0	16	0	13	1	0	14	33
11:30PM	3	2	1	0	6	2	1	1	0	4	0	9	3	0	12	0	6	1	0	7	29
11:45PM	1	0	3	0	4	0	5	0	0	5	1	6	1	0	8	3	5	1	0	9	26
Hourly Total	6	3	7	0	16	10	8	4	0	22	4	34	6	0	44	4	32	4	0	40	122
2019-04-17																					
12:00AM	2	2	0	0	4	2	1	0	0	3	0	10	3	0	13	0	3	1	0	4	24
12:15AM	1	1	0	0	2	0	0	2	0	2	1	6	0	0	7	0	8	0	0	8	19
12:30AM	4	0	0	0	4	1	1	0	0	2	0	4	0	0	4	2	5	2	0	9	19
12:45AM	0	0	0	0	0	1	1	1	0	3	0	4	1	0	5	0	4	0	0	4	12
Hourly Total	7	3	0	0	10	4	3	3	0	10	1	24	4	0	29	2	20	3	0	25	74
1:00AM	0	0	0	0	0	1	0	0	0	1	1	2	1	0	4	0	2	0	0	2	7
1:15AM	1	0	0	0	1	1	1	0	0	2	0	1	0	0	1	0	1	0	0	1	5
1:30AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	5	0	0	5	8
1:45AM	0	0	0	0	0	1	0	0	0	1	0	0	2	0	2	0	0	0	0	0	3
Hourly Total	1	0	0	0	1	3	1	0	0	4	1	6	3	0	10	0	8	0	0	8	23
2:00AM	1	0	0	0	1	0	0	0	0	0	2	0	0	3	5	0	2	1	0	3	9
2:15AM	0	1	0	0	1	0	0	0	0	0	2	2	0	0	4	0	0	0	0	0	5
2:30AM	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	0	2	0	0	2	5
2:45AM	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0	2	0	0	2	4
Hourly Total	1	1	0	0	2	0	0	0	0	0	4	3	0	7	14	0	6	1	0	7	23
Total	835	1458	407	6	2706	1188	1428	1130	20	3766	896	3800	933	26	5655	304	4043	1400	19	5766	17893
% Approach	30.9%	53.9%	15.0%	0.2%	-	31.5%	37.9%	30.0%	0.5%	-	15.8%	67.2%	16.5%	0.5%	-	5.3%	70.1%	24.3%	0.3%	-	-

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int

% Total	4.7%	8.1%	2.3%	0%	15.1%	6.6%	8.0%	6.3%	0.1%	21.0%	5.0%	21.2%	5.2%	0.1%	31.6%	1.7%	22.6%	7.8%	0.1%	32.2%	-
Lights and Motorcycles	811	1424	383	6	2624	1145	1394	1110	20	3669	867	3688	907	25	5487	286	3919	1363	19	5587	17367
% Lights and Motorcycles	97.1%	97.7%	94.1%	100%	97.0%	96.4%	97.6%	98.2%	100%	97.4%	96.8%	97.1%	97.2%	96.2%	97.0%	94.1%	96.9%	97.4%	100%	96.9%	97.1%
Heavy	24	34	24	0	82	43	34	20	0	97	29	112	26	1	168	18	124	37	0	179	526
% Heavy	2.9%	2.3%	5.9%	0%	3.0%	3.6%	2.4%	1.8%	0%	2.6%	3.2%	2.9%	2.8%	3.8%	3.0%	5.9%	3.1%	2.6%	0%	3.1%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & UNION CHAPEL RD - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7:45AM - 8:45 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646244, Location: 40.015339, -85.975614, Site Code: i-186



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-16 7:45AM	22	26	4	0	52	12	11	18	0	41	11	50	15	0	76	9	119	25	0	153	322
8:00AM	20	24	6	0	50	16	32	28	0	76	13	46	13	1	73	3	90	22	0	115	314
8:15AM	16	16	1	1	34	17	25	26	0	68	10	52	26	0	88	11	92	15	0	118	308
8:30AM	35	38	7	0	80	13	23	12	0	48	9	44	28	0	81	11	100	31	0	142	351
Total	93	104	18	1	216	58	91	84	0	233	43	192	82	1	318	34	401	93	0	528	1295
% Approach	43.1%	48.1%	8.3%	0.5%	-	24.9%	39.1%	36.1%	0%	-	13.5%	60.4%	25.8%	0.3%	-	6.4%	75.9%	17.6%	0%	-	-
% Total	7.2%	8.0%	1.4%	0.1%	16.7%	4.5%	7.0%	6.5%	0%	18.0%	3.3%	14.8%	6.3%	0.1%	24.6%	2.6%	31.0%	7.2%	0%	40.8%	-
PHF	0.664	0.684	0.643	0.250	0.675	0.853	0.711	0.750	-	0.766	0.827	0.923	0.732	0.250	0.903	0.773	0.842	0.750	-	0.863	0.922
Lights and Motorcycles	88	96	14	1	199	55	87	81	0	223	35	182	75	1	293	31	392	90	0	513	1228
% Lights and Motorcycles	94.6%	92.3%	77.8%	100%	92.1%	94.8%	95.6%	96.4%	0%	95.7%	81.4%	94.8%	91.5%	100%	92.1%	91.2%	97.8%	96.8%	0%	97.2%	94.8%
Heavy	5	8	4	0	17	3	4	3	0	10	8	10	7	0	25	3	9	3	0	15	67
% Heavy	5.4%	7.7%	22.2%	0%	7.9%	5.2%	4.4%	3.6%	0%	4.3%	18.6%	5.2%	8.5%	0%	7.9%	8.8%	2.2%	3.2%	0%	2.8%	5.2%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & UNION CHAPEL RD - T MC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646244, Location: 40.015339, -85.975614, Site Code: i-186



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-16																						
5:00PM	12	38	17	0	67	35	34	20	0	89	22	92	15	0	129	2	73	40	0	115	400	
5:15PM	19	38	13	0	70	25	42	34	2	103	21	100	19	1	141	5	96	32	0	133	447	
5:30PM	6	33	14	0	53	31	32	24	0	87	26	107	29	0	162	9	77	40	0	126	428	
5:45PM	23	37	10	1	71	22	35	14	1	72	20	101	24	0	145	6	83	29	0	118	406	
Total	60	146	54	1	261	113	143	92	3	351	89	400	87	1	577	22	329	141	0	492	1681	
% Approach	23.0%	55.9%	20.7%	0.4%	-	32.2%	40.7%	26.2%	0.9%	-	15.4%	69.3%	15.1%	0.2%	-	4.5%	66.9%	28.7%	0%	-	-	
% Total	3.6%	8.7%	3.2%	0.1%	15.5%	6.7%	8.5%	5.5%	0.2%	20.9%	5.3%	23.8%	5.2%	0.1%	34.3%	1.3%	19.6%	8.4%	0%	29.3%	-	
PHF	0.652	0.961	0.794	0.250	0.919	0.807	0.851	0.676	0.375	0.852	0.856	0.935	0.750	0.250	0.890	0.611	0.857	0.881	-	0.925	0.940	
Lights and Motorcycles	60	145	54	1	260	111	141	91	3	346	89	396	87	1	573	22	321	139	0	482	1661	
% Lights and Motorcycles	100%	99.3%	100%	100%	99.6%	98.2%	98.6%	98.9%	100%	98.6%	100%	99.0%	100%	100%	99.3%	100%	97.6%	98.6%	0%	98.0%	98.8%	
Heavy	0	1	0	0	1	2	2	1	0	5	0	4	0	0	4	0	8	2	0	10	20	
% Heavy	0%	0.7%	0%	0%	0.4%	1.8%	1.4%	1.1%	0%	1.4%	0%	1.0%	0%	0%	0.7%	0%	2.4%	1.4%	0%	2.0%	1.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & HOWE RD - TMC

Tue Jan 15, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612069, Location: 40.016554, -85.980578, Site Code: i-187



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-01-15 6:30AM	8	3	0	11	47	5	0	52	17	78	0	95	158
6:45AM	14	6	0	20	35	5	0	40	14	84	0	98	158
Hourly Total	22	9	0	31	82	10	0	92	31	162	0	193	316
7:00AM	18	18	0	36	47	5	0	52	11	123	0	134	222
7:15AM	16	18	0	34	40	3	0	43	17	126	0	143	220
7:30AM	16	19	0	35	53	17	0	70	19	120	0	139	244
7:45AM	10	14	0	24	58	5	0	63	18	120	0	138	225
Hourly Total	60	69	0	129	198	30	0	228	65	489	0	554	911
8:00AM	10	20	0	30	46	9	0	55	10	100	0	110	195
8:15AM	11	21	0	32	49	8	0	57	17	111	0	128	217
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	21	41	0	62	95	17	0	112	27	211	0	238	412
3:00PM	11	13	0	24	74	5	0	79	11	58	0	69	172
3:15PM	7	14	0	21	89	12	0	101	8	81	0	89	211
3:30PM	14	13	0	27	83	10	0	93	23	76	0	99	219
3:45PM	14	22	0	36	102	7	0	109	12	80	0	92	237
Hourly Total	46	62	0	108	348	34	0	382	54	295	0	349	839
4:00PM	10	14	0	24	90	23	0	113	14	88	0	102	239
4:15PM	10	21	0	31	77	15	0	92	12	107	0	119	242
4:30PM	13	12	0	25	113	17	0	130	11	94	0	105	260
4:45PM	11	17	0	28	102	11	0	113	15	93	0	108	249
Hourly Total	44	64	0	108	382	66	0	448	52	382	0	434	990
5:00PM	13	16	0	29	115	21	0	136	20	99	0	119	284
5:15PM	13	24	0	37	133	21	0	154	17	120	0	137	328
5:30PM	18	12	0	30	115	17	0	132	12	92	0	104	266
5:45PM	16	17	0	33	116	11	1	128	13	82	0	95	256
Hourly Total	60	69	0	129	479	70	1	550	62	393	0	455	1134
6:00PM	13	20	0	33	94	18	0	112	9	83	0	92	237
6:15PM	12	25	0	37	90	11	0	101	7	63	0	70	208
6:30PM	14	8	0	22	95	16	0	111	11	67	0	78	211
6:45PM	9	9	0	18	73	11	0	84	14	64	0	78	180
Hourly Total	48	62	0	110	352	56	0	408	41	277	0	318	836
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	301	376	0	677	1936	283	1	2220	332	2209	0	2541	5438
% Approach	44.5%	55.5%	0%	-	87.2%	12.7%	0%	-	13.1%	86.9%	0%	-	-
% Total	5.5%	6.9%	0%	12.4%	35.6%	5.2%	0%	40.8%	6.1%	40.6%	0%	46.7%	-
Lights and Motorcycles	289	366	0	655	1901	272	1	2174	322	2164	0	2486	5315
% Lights and Motorcycles	96.0%	97.3%	0%	96.8%	98.2%	96.1%	100%	97.9%	97.0%	98.0%	0%	97.8%	97.7%
Heavy	12	10	0	22	35	11	0	46	10	45	0	55	123
% Heavy	4.0%	2.7%	0%	3.2%	1.8%	3.9%	0%	2.1%	3.0%	2.0%	0%	2.2%	2.3%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & HOWE RD - TMC

Tue Jan 15, 2019

AM Peak (7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612069, Location: 40.016554, -85.980578, Site Code: i-187



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-01-15 7:00AM	18	18	0	36	47	5	0	52	11	123	0	134	222
7:15AM	16	18	0	34	40	3	0	43	17	126	0	143	220
7:30AM	16	19	0	35	53	17	0	70	19	120	0	139	244
7:45AM	10	14	0	24	58	5	0	63	18	120	0	138	225
Total	60	69	0	129	198	30	0	228	65	489	0	554	911
% Approach	46.5%	53.5%	0%	-	86.8%	13.2%	0%	-	11.7%	88.3%	0%	-	-
% Total	6.6%	7.6%	0%	14.2%	21.7%	3.3%	0%	25.0%	7.1%	53.7%	0%	60.8%	-
PHF	0.833	0.908	-	0.896	0.853	0.441	-	0.814	0.855	0.970	-	0.969	0.933
Lights and Motorcycles	58	68	0	126	189	29	0	218	65	483	0	548	892
% Lights and Motorcycles	96.7%	98.6%	0%	97.7%	95.5%	96.7%	0%	95.6%	100%	98.8%	0%	98.9%	97.9%
Heavy	2	1	0	3	9	1	0	10	0	6	0	6	19
% Heavy	3.3%	1.4%	0%	2.3%	4.5%	3.3%	0%	4.4%	0%	1.2%	0%	1.1%	2.1%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & HOWE RD - TMC

Tue Jan 15, 2019

PM Peak (5PM - 6PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612069, Location: 40.016554, -85.980578, Site Code: i-187



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				West Eastbound				East Westbound				Int
	L	R	U	App	T	R	U	App	L	T	U	App	
2019-01-15 5:00PM	13	16	0	29	115	21	0	136	20	99	0	119	284
5:15PM	13	24	0	37	133	21	0	154	17	120	0	137	328
5:30PM	18	12	0	30	115	17	0	132	12	92	0	104	266
5:45PM	16	17	0	33	116	11	1	128	13	82	0	95	256
Total	60	69	0	129	479	70	1	550	62	393	0	455	1134
% Approach	46.5%	53.5%	0%	-	87.1%	12.7%	0.2%	-	13.6%	86.4%	0%	-	-
% Total	5.3%	6.1%	0%	11.4%	42.2%	6.2%	0.1%	48.5%	5.5%	34.7%	0%	40.1%	-
PHF	0.833	0.719	-	0.872	0.900	0.833	0.250	0.893	0.775	0.819	-	0.830	0.864
Lights and Motorcycles	59	69	0	128	475	69	1	545	62	391	0	453	1126
% Lights and Motorcycles	98.3%	100%	0%	99.2%	99.2%	98.6%	100%	99.1%	100%	99.5%	0%	99.6%	99.3%
Heavy	1	0	0	1	4	1	0	5	0	2	0	2	8
% Heavy	1.7%	0%	0%	0.8%	0.8%	1.4%	0%	0.9%	0%	0.5%	0%	0.4%	0.7%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & CUMBERLAND RD - T MC

Tue Jan 15, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612072, Location: 40.020669, -85.995176, Site Code: i-188



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-15																					
6:30AM	17	3	1	0	21	6	11	13	0	30	1	45	57	0	103	12	97	3	0	112	266
6:45AM	37	5	0	0	42	2	23	14	0	39	2	25	58	0	85	11	106	0	0	117	283
Hourly Total	54	8	1	0	63	8	34	27	0	69	3	70	115	0	188	23	203	3	0	229	549
7:00AM	49	5	5	0	59	2	14	15	0	31	2	32	33	0	67	15	153	2	0	170	327
7:15AM	42	14	2	0	58	1	7	17	0	25	3	38	49	0	90	11	167	2	0	180	353
7:30AM	48	4	3	0	55	1	13	18	0	32	1	56	76	0	133	18	138	1	0	157	377
7:45AM	48	9	4	0	61	2	21	11	0	34	2	59	48	0	109	19	140	4	0	163	367
Hourly Total	187	32	14	0	233	6	55	61	0	122	8	185	206	0	399	63	598	9	0	670	1424
8:00AM	31	13	5	0	49	3	9	16	0	28	4	43	52	1	100	14	106	1	0	121	298
8:15AM	37	10	6	0	53	4	14	22	0	40	9	45	39	0	93	11	124	4	0	139	325
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	68	23	11	0	102	7	23	38	0	68	13	88	91	1	193	25	230	5	0	260	623
3:00PM	48	15	8	0	71	11	20	5	0	36	12	73	43	0	128	6	64	7	0	77	312
3:15PM	33	17	18	0	68	17	19	7	0	43	10	84	28	0	122	6	80	7	0	93	326
3:30PM	50	25	16	0	91	5	13	7	0	25	14	106	39	0	159	6	88	8	0	102	377
3:45PM	99	45	27	0	171	9	25	8	0	42	13	86	53	0	152	11	71	11	0	93	458
Hourly Total	230	102	69	0	401	42	77	27	0	146	49	349	163	0	561	29	303	33	0	365	1473
4:00PM	93	34	20	0	147	8	10	8	0	26	8	100	39	0	147	8	84	17	0	109	429
4:15PM	84	39	15	0	138	12	16	8	0	36	8	104	38	0	150	12	100	13	0	125	449
4:30PM	82	40	23	0	145	15	24	11	0	50	14	126	36	2	178	13	89	7	0	109	482
4:45PM	76	27	16	0	119	18	27	7	0	52	24	125	43	0	192	12	97	12	0	121	484
Hourly Total	335	140	74	0	549	53	77	34	0	164	54	455	156	2	667	45	370	49	0	464	1844
5:00PM	79	35	25	0	139	17	30	14	0	61	13	138	40	0	191	12	98	10	0	120	511
5:15PM	85	40	26	0	151	19	23	9	0	51	18	127	59	0	204	15	96	16	0	127	533
5:30PM	67	34	19	0	120	18	18	7	0	43	19	124	46	0	189	13	101	14	0	128	480
5:45PM	58	27	15	0	100	15	20	7	0	42	13	129	41	1	184	6	96	10	0	112	438
Hourly Total	289	136	85	0	510	69	91	37	0	197	63	518	186	1	768	46	391	50	0	487	1962
6:00PM	66	28	17	0	111	9	18	11	0	38	22	112	41	0	175	13	67	6	0	86	410
6:15PM	34	30	15	0	79	14	12	7	0	33	26	98	38	0	162	6	82	2	0	90	364
6:30PM	47	12	15	0	74	14	17	5	0	36	24	97	25	0	146	11	69	3	0	83	339
6:45PM	27	16	11	0	54	10	19	9	0	38	10	83	33	0	126	7	63	10	0	80	298
Hourly Total	174	86	58	0	318	47	66	32	0	145	82	390	137	0	609	37	281	21	0	339	1411
Total	1337	527	312	0	2176	232	423	256	0	911	272	2055	1054	4	3385	268	2376	170	0	2814	9286
% Approach	61.4%	24.2%	14.3%	0%	-	25.5%	46.4%	28.1%	0%	-	8.0%	60.7%	31.1%	0.1%	-	9.5%	84.4%	6.0%	0%	-	-
% Total	14.4%	5.7%	3.4%	0%	23.4%	2.5%	4.6%	2.8%	0%	9.8%	2.9%	22.1%	11.4%	0%	36.5%	2.9%	25.6%	1.8%	0%	30.3%	-
Lights and Motorcycles	1320	527	306	0	2153	231	423	252	0	906	268	2014	1034	4	3320	262	2320	170	0	2752	9131
% Lights and Motorcycles	98.7%	100%	98.1%	0%	98.9%	99.6%	100%	98.4%	0%	99.5%	98.5%	98.0%	98.1%	100%	98.1%	97.8%	97.6%	100%	0%	97.8%	98.3%
Heavy	17	0	6	0	23	1	0	4	0	5	4	41	20	0	65	6	56	0	0	62	155
% Heavy	1.3%	0%	1.9%	0%	1.1%	0.4%	0%	1.6%	0%	0.5%	1.5%	2.0%	1.9%	0%	1.9%	2.2%	2.4%	0%	0%	2.2%	1.7%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & CUMBERLAND RD - TMC

Tue Jan 15, 2019

AM Peak (7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612072, Location: 40.020669, -85.995176, Site Code: i-188



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-15 7:00AM	49	5	5	0	59	2	14	15	0	31	2	32	33	0	67	15	153	2	0	170	327
7:15AM	42	14	2	0	58	1	7	17	0	25	3	38	49	0	90	11	167	2	0	180	353
7:30AM	48	4	3	0	55	1	13	18	0	32	1	56	76	0	133	18	138	1	0	157	377
7:45AM	48	9	4	0	61	2	21	11	0	34	2	59	48	0	109	19	140	4	0	163	367
Total	187	32	14	0	233	6	55	61	0	122	8	185	206	0	399	63	598	9	0	670	1424
% Approach	80.3%	13.7%	6.0%	0%	-	4.9%	45.1%	50.0%	0%	-	2.0%	46.4%	51.6%	0%	-	9.4%	89.3%	1.3%	0%	-	-
% Total	13.1%	2.2%	1.0%	0%	16.4%	0.4%	3.9%	4.3%	0%	8.6%	0.6%	13.0%	14.5%	0%	28.0%	4.4%	42.0%	0.6%	0%	47.1%	-
PHF	0.954	0.571	0.700	-	0.955	0.750	0.655	0.847	-	0.897	0.667	0.784	0.678	-	0.750	0.829	0.895	0.563	-	0.931	0.944
Lights and Motorcycles	184	32	13	0	229	6	55	61	0	122	8	175	202	0	385	62	589	9	0	660	1396
% Lights and Motorcycles	98.4%	100%	92.9%	0%	98.3%	100%	100%	100%	0%	100%	100%	94.6%	98.1%	0%	96.5%	98.4%	98.5%	100%	0%	98.5%	98.0%
Heavy	3	0	1	0	4	0	0	0	0	0	0	10	4	0	14	1	9	0	0	10	28
% Heavy	1.6%	0%	7.1%	0%	1.7%	0%	0%	0%	0%	0%	0%	5.4%	1.9%	0%	3.5%	1.6%	1.5%	0%	0%	1.5%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & CUMBERLAND RD - TMC

Tue Jan 15, 2019

PM Peak (4:30PM - 5:30PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 612072, Location: 40.020669, -85.995176, Site Code: i-188



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-15																					
4:30PM	82	40	23	0	145	15	24	11	0	50	14	126	36	2	178	13	89	7	0	109	482
4:45PM	76	27	16	0	119	18	27	7	0	52	24	125	43	0	192	12	97	12	0	121	484
5:00PM	79	35	25	0	139	17	30	14	0	61	13	138	40	0	191	12	98	10	0	120	511
5:15PM	85	40	26	0	151	19	23	9	0	51	18	127	59	0	204	15	96	16	0	127	533
Total	322	142	90	0	554	69	104	41	0	214	69	516	178	2	765	52	380	45	0	477	2010
% Approach	58.1%	25.6%	16.2%	0%	-	32.2%	48.6%	19.2%	0%	-	9.0%	67.5%	23.3%	0.3%	-	10.9%	79.7%	9.4%	0%	-	-
% Total	16.0%	7.1%	4.5%	0%	27.6%	3.4%	5.2%	2.0%	0%	10.6%	3.4%	25.7%	8.9%	0.1%	38.1%	2.6%	18.9%	2.2%	0%	23.7%	-
PHF	0.947	0.888	0.865	-	0.917	0.908	0.867	0.732	-	0.877	0.719	0.935	0.754	0.250	0.938	0.867	0.969	0.703	-	0.939	0.943
Lights and Motorcycles	321	142	90	0	553	69	104	41	0	214	69	514	177	2	762	52	377	45	0	474	2003
% Lights and Motorcycles	99.7%	100%	100%	0%	99.8%	100%	100%	100%	0%	100%	100%	99.6%	99.4%	100%	99.6%	100%	99.2%	100%	0%	99.4%	99.7%
Heavy	1	0	0	0	1	0	0	0	0	0	0	2	1	0	3	0	3	0	0	3	7
% Heavy	0.3%	0%	0%	0%	0.2%	0%	0%	0%	0%	0%	0%	0.4%	0.6%	0%	0.4%	0%	0.8%	0%	0%	0.6%	0.3%

*L: Left, R: Right, T: Thru, U: U-Turn

160th St & River Rd - TMC

Tue Jan 22, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619241, Location: 40.019255, -86.03276, Site Code: i-189



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-22																					
6:30AM	2	9	0	0	11	1	37	2	0	40	1	0	14	0	15	0	0	0	0	0	66
6:45AM	5	30	0	0	35	1	46	0	0	47	2	0	10	0	12	0	0	0	0	0	94
Hourly Total	7	39	0	0	46	2	83	2	0	87	3	0	24	0	27	0	0	0	0	0	160
7:00AM	4	25	3	0	32	0	34	1	0	35	1	0	4	0	5	0	0	1	0	1	73
7:15AM	4	26	3	0	33	0	41	4	0	45	3	0	10	0	13	1	0	0	0	1	92
7:30AM	8	35	8	0	51	3	51	1	0	55	1	0	17	0	18	0	0	4	0	4	128
7:45AM	7	47	4	0	58	2	65	3	0	70	3	0	18	1	22	0	0	2	0	2	152
Hourly Total	23	133	18	0	174	5	191	9	0	205	8	0	49	1	58	1	0	7	0	8	445
8:00AM	5	33	0	0	38	1	43	3	0	47	4	0	14	0	18	2	0	0	0	2	105
8:15AM	15	36	2	0	53	0	47	2	0	49	2	1	17	0	20	4	1	0	0	5	127
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	20	69	2	0	91	1	90	5	0	96	6	1	31	0	38	6	1	0	0	7	232
3:00PM	5	39	0	0	44	2	37	3	0	42	1	0	15	0	16	1	0	1	0	2	104
3:15PM	8	51	1	0	60	2	50	2	0	54	2	0	4	0	6	3	0	3	0	6	126
3:30PM	9	67	0	0	76	0	53	4	0	57	3	0	11	0	14	1	0	2	0	3	150
3:45PM	8	61	0	0	69	0	43	3	0	46	1	0	13	0	14	0	0	1	0	1	130
Hourly Total	30	218	1	0	249	4	183	12	0	199	7	0	43	0	50	5	0	7	0	12	510
4:00PM	12	65	1	0	78	0	52	3	0	55	3	1	15	0	19	2	0	0	0	2	154
4:15PM	14	63	0	0	77	1	31	2	0	34	9	0	12	0	21	0	0	0	0	0	132
4:30PM	12	69	1	0	82	0	40	2	0	42	4	0	11	0	15	0	0	2	0	2	141
4:45PM	20	62	0	0	82	0	44	0	0	44	4	0	18	0	22	1	0	1	0	2	150
Hourly Total	58	259	2	0	319	1	167	7	0	175	20	1	56	0	77	3	0	3	0	6	577
5:00PM	26	70	0	0	96	0	46	6	0	52	9	0	23	0	32	0	0	0	0	0	180
5:15PM	15	85	0	0	100	0	40	7	0	47	10	0	24	0	34	1	0	0	0	1	182
5:30PM	12	95	0	0	107	0	28	2	0	30	8	0	18	0	26	0	0	0	0	0	163
5:45PM	36	51	0	0	87	0	25	2	0	27	3	0	12	0	15	0	0	0	0	0	129
Hourly Total	89	301	0	0	390	0	139	17	0	156	30	0	77	0	107	1	0	0	0	1	654
6:00PM	27	51	0	0	78	0	36	1	0	37	4	0	21	0	25	0	0	0	0	0	140
6:15PM	7	39	0	0	46	0	19	1	0	20	1	0	17	0	18	0	0	0	0	0	84
6:30PM	10	41	0	0	51	0	20	6	0	26	3	0	12	0	15	1	0	0	0	1	93
6:45PM	15	39	0	0	54	0	17	3	0	20	1	0	5	0	6	0	0	0	0	0	80
Hourly Total	59	170	0	0	229	0	92	11	0	103	9	0	55	0	64	1	0	0	0	1	397
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	286	1189	23	0	1498	13	945	63	0	1021	83	2	335	1	421	17	1	17	0	35	2975
% Approach	19.1%	79.4%	1.5%	0%	-	1.3%	92.6%	6.2%	0%	-	19.7%	0.5%	79.6%	0.2%	-	48.6%	2.9%	48.6%	0%	-	-
% Total	9.6%	40.0%	0.8%	0%	50.4%	0.4%	31.8%	2.1%	0%	34.3%	2.8%	0.1%	11.3%	0%	14.2%	0.6%	0%	0.6%	0%	1.2%	-
Lights and Motorcycles	283	1076	15	0	1374	7	839	60	0	906	81	1	326	1	409	7	1	10	0	18	2707
% Lights and Motorcycles	99.0%	90.5%	65.2%	0%	91.7%	53.8%	88.8%	95.2%	0%	88.7%	97.6%	50.0%	97.3%	100%	97.1%	41.2%	100%	58.8%	0%	51.4%	91.0%
Heavy	3	113	8	0	124	6	106	3	0	115	2	1	9	0	12	10	0	7	0	17	268
% Heavy	1.0%	9.5%	34.8%	0%	8.3%	46.2%	11.2%	4.8%	0%	11.3%	2.4%	50.0%	2.7%	0%	2.9%	58.8%	0%	41.2%	0%	48.6%	9.0%

*L: Left, R: Right, T: Thru, U: U-Turn

160th St & River Rd - TMC

Tue Jan 22, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619241, Location: 40.019255, -86.03276, Site Code: i-189



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-22																					
7:30AM	8	35	8	0	51	3	51	1	0	55	1	0	17	0	18	0	0	4	0	4	128
7:45AM	7	47	4	0	58	2	65	3	0	70	3	0	18	1	22	0	0	2	0	2	152
8:00AM	5	33	0	0	38	1	43	3	0	47	4	0	14	0	18	2	0	0	0	2	105
8:15AM	15	36	2	0	53	0	47	2	0	49	2	1	17	0	20	4	1	0	0	5	127
Total	35	151	14	0	200	6	206	9	0	221	10	1	66	1	78	6	1	6	0	13	512
% Approach	17.5%	75.5%	7.0%	0%	-	2.7%	93.2%	4.1%	0%	-	12.8%	1.3%	84.6%	1.3%	-	46.2%	7.7%	46.2%	0%	-	-
% Total	6.8%	29.5%	2.7%	0%	39.1%	1.2%	40.2%	1.8%	0%	43.2%	2.0%	0.2%	12.9%	0.2%	15.2%	1.2%	0.2%	1.2%	0%	2.5%	-
PHF	0.583	0.803	0.438	-	0.862	0.500	0.792	0.750	-	0.789	0.625	0.250	0.917	0.250	0.886	0.375	0.250	0.375	-	0.650	0.842
Lights and Motorcycles	34	140	13	0	187	4	197	7	0	208	10	1	65	1	77	4	1	4	0	9	481
% Lights and Motorcycles	97.1%	92.7%	92.9%	0%	93.5%	66.7%	95.6%	77.8%	0%	94.1%	100%	100%	98.5%	100%	98.7%	66.7%	100%	66.7%	0%	69.2%	93.9%
Heavy	1	11	1	0	13	2	9	2	0	13	0	0	1	0	1	2	0	2	0	4	31
% Heavy	2.9%	7.3%	7.1%	0%	6.5%	33.3%	4.4%	22.2%	0%	5.9%	0%	0%	1.5%	0%	1.3%	33.3%	0%	33.3%	0%	30.8%	6.1%

* L: Left, R: Right, T: Thru, U: U-Turn

160th St & River Rd - TMC

Tue Jan 22, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619241, Location: 40.019255, -86.03276, Site Code: i-189



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-22 4:45PM	20	62	0	0	82	0	44	0	0	44	4	0	18	0	22	1	0	1	0	2	150
5:00PM	26	70	0	0	96	0	46	6	0	52	9	0	23	0	32	0	0	0	0	0	180
5:15PM	15	85	0	0	100	0	40	7	0	47	10	0	24	0	34	1	0	0	0	1	182
5:30PM	12	95	0	0	107	0	28	2	0	30	8	0	18	0	26	0	0	0	0	0	163
Total	73	312	0	0	385	0	158	15	0	173	31	0	83	0	114	2	0	1	0	3	675
% Approach	19.0%	81.0%	0%	0%	-	0%	91.3%	8.7%	0%	-	27.2%	0%	72.8%	0%	-	66.7%	0%	33.3%	0%	-	-
% Total	10.8%	46.2%	0%	0%	57.0%	0%	23.4%	2.2%	0%	25.6%	4.6%	0%	12.3%	0%	16.9%	0.3%	0%	0.1%	0%	0.4%	-
PHF	0.702	0.821	-	-	0.900	-	0.859	0.536	-	0.832	0.775	-	0.865	-	0.838	0.500	-	0.250	-	0.375	0.927
Lights and Motorcycles	72	285	0	0	357	0	141	15	0	156	31	0	80	0	111	1	0	0	0	1	625
% Lights and Motorcycles	98.6%	91.3%	0%	0%	92.7%	0%	89.2%	100%	0%	90.2%	100%	0%	96.4%	0%	97.4%	50.0%	0%	0%	0%	33.3%	92.6%
Heavy	1	27	0	0	28	0	17	0	0	17	0	0	3	0	3	1	0	1	0	2	50
% Heavy	1.4%	8.7%	0%	0%	7.3%	0%	10.8%	0%	0%	9.8%	0%	0%	3.6%	0%	2.6%	50.0%	0%	100%	0%	66.7%	7.4%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY TREE RD & 160TH ST - TMC

Tue Jan 22, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619243, Location: 40.019316, -86.04218, Site Code: I-190



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-01-22 6:30AM	1	0	0	1	13	4	0	17	0	3	0	3	21
6:45AM	3	0	0	3	9	3	0	12	0	5	0	5	20
Hourly Total	4	0	0	4	22	7	0	29	0	8	0	8	41
7:00AM	9	4	0	13	11	8	0	19	4	7	0	11	43
7:15AM	6	0	0	6	11	7	0	18	2	7	0	9	33
7:30AM	3	3	0	6	18	3	0	21	2	10	0	12	39
7:45AM	3	2	0	5	20	5	0	25	1	9	0	10	40
Hourly Total	21	9	0	30	60	23	0	83	9	33	0	42	155
8:00AM	1	3	0	4	15	1	0	16	1	8	0	9	29
8:15AM	1	1	0	2	18	1	0	19	2	12	0	14	35
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	2	4	0	6	33	2	0	35	3	20	0	23	64
3:00PM	10	0	0	10	13	5	0	18	1	5	0	6	34
3:15PM	9	2	0	11	5	1	0	6	1	10	0	11	28
3:30PM	3	1	0	4	11	4	0	15	1	10	0	11	30
3:45PM	5	0	0	5	12	2	0	14	1	9	0	10	29
Hourly Total	27	3	0	30	41	12	0	53	4	34	0	38	121
4:00PM	1	0	0	1	18	2	0	20	1	13	0	14	35
4:15PM	7	1	0	8	17	5	0	22	1	14	0	15	45
4:30PM	4	2	0	6	14	3	0	17	1	9	0	10	33
4:45PM	7	2	0	9	20	4	0	24	0	22	0	22	55
Hourly Total	19	5	0	24	69	14	0	83	3	58	0	61	168
5:00PM	1	8	0	9	26	3	0	29	5	24	0	29	67
5:15PM	9	4	0	13	24	4	0	28	5	20	0	25	66
5:30PM	6	6	0	12	19	1	0	20	0	11	0	11	43
5:45PM	6	0	0	6	15	2	0	17	0	38	0	38	61
Hourly Total	22	18	0	40	84	10	0	94	10	93	0	103	237
6:00PM	3	1	0	4	24	1	0	25	1	27	0	28	57
6:15PM	7	1	0	8	17	4	0	21	0	8	0	8	37
6:30PM	7	1	0	8	13	2	0	15	5	10	0	15	38
6:45PM	4	0	0	4	6	3	0	9	2	13	0	15	28
Hourly Total	21	3	0	24	60	10	0	70	8	58	0	66	160
Total	116	42	0	158	369	78	0	447	37	304	0	341	946
% Approach	73.4%	26.6%	0%	-	82.6%	17.4%	0%	-	10.9%	89.1%	0%	-	-
% Total	12.3%	4.4%	0%	16.7%	39.0%	8.2%	0%	47.3%	3.9%	32.1%	0%	36.0%	-
Lights and Motorcycles	115	41	0	156	360	74	0	434	35	298	0	333	923
% Lights and Motorcycles	99.1%	97.6%	0%	98.7%	97.6%	94.9%	0%	97.1%	94.6%	98.0%	0%	97.7%	97.6%
Heavy	1	1	0	2	9	4	0	13	2	6	0	8	23
% Heavy	0.9%	2.4%	0%	1.3%	2.4%	5.1%	0%	2.9%	5.4%	2.0%	0%	2.3%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

CHERRY TREE RD & 160TH ST - TMC

Tue Jan 22, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619243, Location: 40.019316, -86.04218, Site Code: I-190



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				
Time	T	R	U	App	L	T	U	App	L	R	U	App	Int
2019-01-22 7:00AM	9	4	0	13	11	8	0	19	4	7	0	11	43
7:15AM	6	0	0	6	11	7	0	18	2	7	0	9	33
7:30AM	3	3	0	6	18	3	0	21	2	10	0	12	39
7:45AM	3	2	0	5	20	5	0	25	1	9	0	10	40
Total	21	9	0	30	60	23	0	83	9	33	0	42	155
% Approach	70.0%	30.0%	0%	-	72.3%	27.7%	0%	-	21.4%	78.6%	0%	-	-
% Total	13.5%	5.8%	0%	19.4%	38.7%	14.8%	0%	53.5%	5.8%	21.3%	0%	27.1%	-
PHF	0.583	0.563	-	0.577	0.750	0.719	-	0.830	0.563	0.825	-	0.875	0.901
Lights and Motorcycles	21	8	0	29	60	22	0	82	8	31	0	39	150
% Lights and Motorcycles	100%	88.9%	0%	96.7%	100%	95.7%	0%	98.8%	88.9%	93.9%	0%	92.9%	96.8%
Heavy	0	1	0	1	0	1	0	1	1	2	0	3	5
% Heavy	0%	11.1%	0%	3.3%	0%	4.3%	0%	1.2%	11.1%	6.1%	0%	7.1%	3.2%

* L: Left, R: Right, T: Thru, U: U-Turn

CHERRY TREE RD & 160TH ST - TMC

Tue Jan 22, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619243, Location: 40.019316, -86.04218, Site Code: I-190



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				East Westbound				Int
	T	R	U	App	L	T	U	App	L	R	U	App	
2019-01-22 5:00PM	1	8	0	9	26	3	0	29	5	24	0	29	67
5:15PM	9	4	0	13	24	4	0	28	5	20	0	25	66
5:30PM	6	6	0	12	19	1	0	20	0	11	0	11	43
5:45PM	6	0	0	6	15	2	0	17	0	38	0	38	61
Total	22	18	0	40	84	10	0	94	10	93	0	103	237
% Approach	55.0%	45.0%	0%	-	89.4%	10.6%	0%	-	9.7%	90.3%	0%	-	-
% Total	9.3%	7.6%	0%	16.9%	35.4%	4.2%	0%	39.7%	4.2%	39.2%	0%	43.5%	-
PHF	0.611	0.563	-	0.769	0.808	0.625	-	0.810	0.500	0.612	-	0.678	0.884
Lights and Motorcycles	22	18	0	40	82	10	0	92	10	92	0	102	234
% Lights and Motorcycles	100%	100%	0%	100%	97.6%	100%	0%	97.9%	100%	98.9%	0%	99.0%	98.7%
Heavy	0	0	0	0	2	0	0	2	0	1	0	1	3
% Heavy	0%	0%	0%	0%	2.4%	0%	0%	2.1%	0%	1.1%	0%	1.0%	1.3%

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & HAZEL DELL RD - TMC

Tue May 14, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656303, Location: 40.014319, -86.070589, Site Code: i-191



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-05-14 6:30AM	1	45	0	46	132	4	0	136	0	3	0	3	185
6:45AM	3	65	0	68	170	1	0	171	0	0	0	0	239
Hourly Total	4	110	0	114	302	5	0	307	0	3	0	3	424
7:00AM	6	93	0	99	186	4	0	190	2	3	0	5	294
7:15AM	9	87	0	96	216	5	0	221	1	2	0	3	320
7:30AM	12	90	0	102	240	9	0	249	0	8	0	8	359
7:45AM	14	112	0	126	209	7	0	216	0	3	0	3	345
Hourly Total	41	382	0	423	851	25	0	876	3	16	0	19	1318
8:00AM	8	120	0	128	161	8	0	169	2	2	0	4	301
8:15AM	5	134	0	139	234	3	0	237	2	8	0	10	386
Hourly Total	13	254	0	267	395	11	0	406	4	10	0	14	687
3:00PM	4	147	0	151	108	3	0	111	0	5	0	5	267
3:15PM	8	162	0	170	132	4	0	136	2	9	0	11	317
3:30PM	5	193	0	198	132	3	0	135	7	10	0	17	350
3:45PM	9	161	0	170	123	3	0	126	4	4	0	8	304
Hourly Total	26	663	0	689	495	13	0	508	13	28	0	41	1238
4:00PM	6	150	0	156	140	1	0	141	5	13	0	18	315
4:15PM	6	206	0	212	157	4	0	161	4	7	0	11	384
4:30PM	10	254	0	264	161	2	0	163	3	10	0	13	440
4:45PM	6	221	0	227	173	4	0	177	5	19	0	24	428
Hourly Total	28	831	0	859	631	11	0	642	17	49	0	66	1567
5:00PM	6	233	0	239	153	2	0	155	7	22	0	29	423
5:15PM	4	266	0	270	172	4	0	176	9	26	0	35	481
5:30PM	7	260	0	267	176	2	0	178	10	22	0	32	477
5:45PM	6	217	0	223	159	2	0	161	4	14	0	18	402
Hourly Total	23	976	0	999	660	10	0	670	30	84	0	114	1783
6:00PM	6	208	1	215	142	1	0	143	5	10	0	15	373
6:15PM	5	214	0	219	137	2	0	139	4	6	0	10	368
6:30PM	8	157	0	165	169	3	0	172	2	4	0	6	343
6:45PM	4	174	0	178	115	5	0	120	5	4	0	9	307
Hourly Total	23	753	1	777	563	11	0	574	16	24	0	40	1391
7:00PM	0	1	0	1	0	0	0	0	0	0	0	0	1
Hourly Total	0	1	0	1	0	0	0	0	0	0	0	0	1
Total	158	3970	1	4129	3897	86	0	3983	83	214	0	297	8409
% Approach	3.8%	96.1%	0%	-	97.8%	2.2%	0%	-	27.9%	72.1%	0%	-	-
% Total	1.9%	47.2%	0%	49.1%	46.3%	1.0%	0%	47.4%	1.0%	2.5%	0%	3.5%	-
Lights and Motorcycles	158	3873	1	4032	3784	81	0	3865	81	210	0	291	8188
% Lights and Motorcycles	100%	97.6%	100%	97.7%	97.1%	94.2%	0%	97.0%	97.6%	98.1%	0%	98.0%	97.4%
Heavy	0	97	0	97	113	5	0	118	2	4	0	6	221
% Heavy	0%	2.4%	0%	2.3%	2.9%	5.8%	0%	3.0%	2.4%	1.9%	0%	2.0%	2.6%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & HAZEL DELL RD - TMC

Tue May 14, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656303, Location: 40.014319, -86.070589, Site Code: i-191



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-05-14 7:30AM	12	90	0	102	240	9	0	249	0	8	0	8	359
7:45AM	14	112	0	126	209	7	0	216	0	3	0	3	345
8:00AM	8	120	0	128	161	8	0	169	2	2	0	4	301
8:15AM	5	134	0	139	234	3	0	237	2	8	0	10	386
Total	39	456	0	495	844	27	0	871	4	21	0	25	1391
% Approach	7.9%	92.1%	0%	-	96.9%	3.1%	0%	-	16.0%	84.0%	0%	-	-
% Total	2.8%	32.8%	0%	35.6%	60.7%	1.9%	0%	62.6%	0.3%	1.5%	0%	1.8%	-
PHF	0.696	0.851	-	0.890	0.879	0.750	-	0.874	0.500	0.656	-	0.625	0.901
Lights and Motorcycles	39	424	0	463	812	25	0	837	4	21	0	25	1325
% Lights and Motorcycles	100%	93.0%	0%	93.5%	96.2%	92.6%	0%	96.1%	100%	100%	0%	100%	95.3%
Heavy	0	32	0	32	32	2	0	34	0	0	0	0	66
% Heavy	0%	7.0%	0%	6.5%	3.8%	7.4%	0%	3.9%	0%	0%	0%	0%	4.7%

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & HAZEL DELL RD - TMC

Tue May 14, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656303, Location: 40.014319, -86.070589, Site Code: i-191



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-05-14 4:45PM	6	221	0	227	173	4	0	177	5	19	0	24	428
5:00PM	6	233	0	239	153	2	0	155	7	22	0	29	423
5:15PM	4	266	0	270	172	4	0	176	9	26	0	35	481
5:30PM	7	260	0	267	176	2	0	178	10	22	0	32	477
Total	23	980	0	1003	674	12	0	686	31	89	0	120	1809
% Approach	2.3%	97.7%	0%	-	98.3%	1.7%	0%	-	25.8%	74.2%	0%	-	-
% Total	1.3%	54.2%	0%	55.4%	37.3%	0.7%	0%	37.9%	1.7%	4.9%	0%	6.6%	-
PHF	0.821	0.921	-	0.929	0.957	0.750	-	0.963	0.775	0.856	-	0.857	0.940
Lights and Motorcycles	23	967	0	990	665	12	0	677	30	89	0	119	1786
% Lights and Motorcycles	100%	98.7%	0%	98.7%	98.7%	100%	0%	98.7%	96.8%	100%	0%	99.2%	98.7%
Heavy	0	13	0	13	9	0	0	9	1	0	0	1	23
% Heavy	0%	1.3%	0%	1.3%	1.3%	0%	0%	1.3%	3.2%	0%	0%	0.8%	1.3%

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & GRAY RD - TMC

Thu Sep 27, 2018

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619715, Location: 40.014728, -86.089682, Site Code: i-192



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-27																					
3:00PM	0	42	5	0	47	1	32	3	0	36	5	2	6	0	13	7	0	0	0	7	103
3:15PM	5	89	11	0	105	1	39	1	0	41	1	2	8	0	11	4	5	3	0	12	169
3:30PM	5	85	12	0	102	0	56	5	0	61	1	0	3	0	4	6	6	1	0	13	180
3:45PM	3	59	10	0	72	0	43	4	0	47	6	3	2	0	11	6	3	1	0	10	140
Hourly Total	13	275	38	0	326	2	170	13	0	185	13	7	19	0	39	23	14	5	0	42	592
4:00PM	4	56	9	0	69	1	51	1	0	53	3	2	6	0	11	9	2	2	0	13	146
4:15PM	3	58	17	0	78	0	48	7	0	55	2	1	0	0	3	9	0	2	0	11	147
4:30PM	4	56	11	0	71	1	39	0	0	40	2	1	2	0	5	8	3	0	0	11	127
4:45PM	3	72	24	0	99	1	51	1	0	53	2	6	9	0	17	14	3	2	0	19	188
Hourly Total	14	242	61	0	317	3	189	9	0	201	9	10	17	0	36	40	8	6	0	54	608
5:00PM	3	72	26	0	101	1	51	2	0	54	5	3	3	0	11	9	1	1	0	11	177
5:15PM	2	90	30	0	122	4	74	2	0	80	7	3	4	0	14	10	4	0	0	14	230
5:30PM	3	83	25	0	111	3	44	1	0	48	1	2	3	0	6	5	2	2	0	9	174
5:45PM	4	65	19	0	88	3	45	0	0	48	2	3	2	0	7	6	1	5	0	12	155
Hourly Total	12	310	100	0	422	11	214	5	0	230	15	11	12	0	38	30	8	8	0	46	736
6:00PM	4	66	22	0	92	1	41	2	0	44	3	2	2	0	7	4	3	2	0	9	152
6:15PM	3	61	10	0	74	0	35	1	0	36	2	1	2	1	6	7	1	1	0	9	125
6:30PM	1	62	7	0	70	1	48	3	0	52	1	2	2	0	5	4	1	2	0	7	134
6:45PM	3	47	9	0	59	1	56	2	0	59	1	2	3	0	6	10	0	1	0	11	135
Hourly Total	11	236	48	0	295	3	180	8	0	191	7	7	9	1	24	25	5	6	0	36	546
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-28																					
6:30AM	0	3	0	0	3	0	25	1	0	26	0	1	0	0	1	2	0	0	0	2	32
6:45AM	0	11	0	0	11	0	20	0	0	20	2	0	2	0	4	8	1	1	0	10	45
Hourly Total	0	14	0	0	14	0	45	1	0	46	2	1	2	0	5	10	1	1	0	12	77
7:00AM	0	13	0	0	13	0	35	3	0	38	1	0	0	0	1	6	1	1	0	8	60
7:15AM	2	32	5	0	39	0	83	2	0	85	2	0	6	0	8	12	0	0	0	12	144
7:30AM	2	55	10	1	68	0	137	0	0	137	1	2	10	0	13	41	0	0	0	41	259
7:45AM	1	21	2	0	24	1	56	0	0	57	0	4	4	0	8	16	0	0	0	16	105
Hourly Total	5	121	17	1	144	1	311	5	0	317	4	6	20	0	30	75	1	1	0	77	568
8:00AM	1	23	5	0	29	0	40	0	0	40	1	0	3	0	4	9	2	3	0	14	87
8:15AM	2	35	4	0	41	1	41	1	0	43	0	0	1	0	1	15	0	4	0	19	104
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	3	58	9	0	70	1	81	1	0	83	1	0	4	0	5	24	2	7	0	33	191
Total	58	1256	273	1	1588	21	1190	42	0	1253	51	42	83	1	177	227	39	34	0	300	3318
% Approach	3.7%	79.1%	17.2%	0.1%	-	1.7%	95.0%	3.4%	0%	-	28.8%	23.7%	46.9%	0.6%	-	75.7%	13.0%	11.3%	0%	-	-
% Total	1.7%	37.9%	8.2%	0%	47.9%	0.6%	35.9%	1.3%	0%	37.8%	1.5%	1.3%	2.5%	0%	5.3%	6.8%	1.2%	1.0%	0%	9.0%	-
Lights and Motorcycles	57	1237	272	1	1567	20	1176	42	0	1238	47	41	83	1	172	226	39	34	0	299	3276
% Lights and Motorcycles	98.3%	98.5%	99.6%	100%	98.7%	95.2%	98.8%	100%	0%	98.8%	92.2%	97.6%	100%	100%	97.2%	99.6%	100%	100%	0%	99.7%	98.7%
Heavy	1	19	1	0	21	1	14	0	0	15	4	1	0	0	5	1	0	0	0	1	42
% Heavy	1.7%	1.5%	0.4%	0%	1.3%	4.8%	1.2%	0%	0%	1.2%	7.8%	2.4%	0%	0%	2.8%	0.4%	0%	0%	0%	0.3%	1.3%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & GRAY RD - TMC

Fri Sep 28, 2018

AM Peak (Sep 28 2018 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619715, Location: 40.014728, -86.089682, Site Code: i-192



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-09-28																						
7:15AM	2	32	5	0	39	0	83	2	0	85	2	0	6	0	8	12	0	0	0	12	144	
7:30AM	2	55	10	1	68	0	137	0	0	137	1	2	10	0	13	41	0	0	0	41	259	
7:45AM	1	21	2	0	24	1	56	0	0	57	0	4	4	0	8	16	0	0	0	16	105	
8:00AM	1	23	5	0	29	0	40	0	0	40	1	0	3	0	4	9	2	3	0	14	87	
Total	6	131	22	1	160	1	316	2	0	319	4	6	23	0	33	78	2	3	0	83	595	
% Approach	3.8%	81.9%	13.8%	0.6%	-	0.3%	99.1%	0.6%	0%	-	12.1%	18.2%	69.7%	0%	-	94.0%	2.4%	3.6%	0%	-	-	
% Total	1.0%	22.0%	3.7%	0.2%	26.9%	0.2%	53.1%	0.3%	0%	53.6%	0.7%	1.0%	3.9%	0%	5.5%	13.1%	0.3%	0.5%	0%	13.9%	-	
PHF	0.750	0.595	0.550	0.250	0.588	0.250	0.577	0.250	-	0.582	0.500	0.375	0.575	-	0.635	0.476	0.250	0.250	-	0.506	0.574	
Lights and Motorcycles	6	130	22	1	159	1	314	2	0	317	4	6	23	0	33	78	2	3	0	83	592	
% Lights and Motorcycles	100%	99.2%	100%	100%	99.4%	100%	99.4%	100%	0%	99.4%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	99.5%	
Heavy	0	1	0	0	1	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	3	
% Heavy	0%	0.8%	0%	0%	0.6%	0%	0.6%	0%	0%	0.6%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & GRAY RD - TMC

Thu Sep 27, 2018

PM Peak (Sep 27 2018 4:45PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619715, Location: 40.014728, -86.089682, Site Code: i-192



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-09-27 4:45PM	3	72	24	0	99	1	51	1	0	53	2	6	9	0	17	14	3	2	0	19	188
5:00PM	3	72	26	0	101	1	51	2	0	54	5	3	3	0	11	9	1	1	0	11	177
5:15PM	2	90	30	0	122	4	74	2	0	80	7	3	4	0	14	10	4	0	0	14	230
5:30PM	3	83	25	0	111	3	44	1	0	48	1	2	3	0	6	5	2	2	0	9	174
Total	11	317	105	0	433	9	220	6	0	235	15	14	19	0	48	38	10	5	0	53	769
% Approach	2.5%	73.2%	24.2%	0%	-	3.8%	93.6%	2.6%	0%	-	31.3%	29.2%	39.6%	0%	-	71.7%	18.9%	9.4%	0%	-	-
% Total	1.4%	41.2%	13.7%	0%	56.3%	1.2%	28.6%	0.8%	0%	30.6%	2.0%	1.8%	2.5%	0%	6.2%	4.9%	1.3%	0.7%	0%	6.9%	-
PHF	0.917	0.881	0.875	-	0.887	0.563	0.743	0.750	-	0.734	0.536	0.583	0.528	-	0.706	0.679	0.625	0.625	-	0.697	0.836
Lights and Motorcycles	11	316	105	0	432	9	215	6	0	230	13	13	19	0	45	38	10	5	0	53	760
% Lights and Motorcycles	100%	99.7%	100%	0%	99.8%	100%	97.7%	100%	0%	97.9%	86.7%	92.9%	100%	0%	93.8%	100%	100%	100%	0%	100%	98.8%
Heavy	0	1	0	0	1	0	5	0	0	5	2	1	0	0	3	0	0	0	0	0	9
% Heavy	0%	0.3%	0%	0%	0.2%	0%	2.3%	0%	0%	2.1%	13.3%	7.1%	0%	0%	6.3%	0%	0%	0%	0%	0%	1.2%

*L: Left, R: Right, T: Thru, U: U-Turn

HAZEL DELL RD & NOBLE CROSSING PKWY - TMC

Thu Sep 27, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641329, Location: 40.011547, -86.070594, Site Code: i193



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-09-27																					
3:00PM	14	118	6	0	138	12	100	23	0	135	2	0	10	0	12	0	6	4	0	10	295
3:15PM	10	142	6	0	158	15	101	9	0	125	5	2	8	0	15	4	4	4	0	12	310
3:30PM	4	150	6	0	160	17	106	5	0	128	30	10	22	0	62	6	0	4	0	10	360
3:45PM	6	142	5	0	153	5	113	1	0	119	13	0	4	0	17	9	0	8	0	17	306
Hourly Total	34	552	23	0	609	49	420	38	0	507	50	12	44	0	106	19	10	20	0	49	1271
4:00PM	5	128	5	0	138	18	127	8	0	153	5	5	13	0	23	9	2	4	0	15	329
4:15PM	12	184	7	0	203	15	130	5	0	150	7	2	9	0	18	3	2	9	0	14	385
4:30PM	8	173	12	0	193	17	145	5	0	167	14	4	5	0	23	13	2	9	0	24	407
4:45PM	4	215	12	0	231	26	155	6	0	187	6	3	6	0	15	4	1	15	0	20	453
Hourly Total	29	700	36	0	765	76	557	24	0	657	32	14	33	0	79	29	7	37	0	73	1574
5:00PM	13	210	10	0	233	18	161	3	0	182	6	3	9	0	18	4	1	13	0	18	451
5:15PM	14	250	8	0	272	26	173	6	0	205	6	3	15	0	24	11	1	10	0	22	523
5:30PM	7	226	15	0	248	21	165	5	0	191	4	3	5	0	12	6	0	11	0	17	468
5:45PM	11	207	17	0	235	19	172	0	0	191	5	1	10	0	16	9	1	15	0	25	467
Hourly Total	45	893	50	0	988	84	671	14	0	769	21	10	39	0	70	30	3	49	0	82	1909
6:00PM	8	160	9	0	177	19	144	0	0	163	4	0	6	0	10	7	0	12	0	19	369
6:15PM	4	145	9	0	158	10	134	6	0	150	2	0	4	0	6	3	0	9	0	12	326
6:30PM	8	141	16	0	165	10	109	4	0	123	3	0	7	0	10	3	0	2	0	5	303
6:45PM	7	126	6	0	139	7	103	5	0	115	1	1	5	0	7	4	2	5	0	11	272
Hourly Total	27	572	40	0	639	46	490	15	0	551	10	1	22	0	33	17	2	28	0	47	1270
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-09-28																					
6:30AM	0	41	1	0	42	2	128	1	0	131	3	0	5	0	8	12	0	7	0	19	200
6:45AM	1	52	4	0	57	2	138	3	0	143	6	1	11	0	18	7	3	11	0	21	239
Hourly Total	1	93	5	0	99	4	266	4	0	274	9	1	16	0	26	19	3	18	0	40	439
7:00AM	5	76	2	0	83	5	164	5	0	174	7	0	9	0	16	12	2	17	0	31	304
7:15AM	11	74	4	0	89	5	155	10	0	170	3	0	10	0	13	12	3	15	0	30	302
7:30AM	11	79	4	0	94	10	183	25	0	218	9	6	19	0	34	10	15	18	0	43	389
7:45AM	11	89	5	0	105	5	185	19	0	209	12	2	12	0	26	18	5	10	0	33	373
Hourly Total	38	318	15	0	371	25	687	59	0	771	31	8	50	0	89	52	25	60	0	137	1368
8:00AM	10	81	5	0	96	3	165	17	0	185	1	1	19	0	21	11	1	8	0	20	322
8:15AM	20	97	4	0	121	7	174	42	0	223	21	5	22	0	48	15	23	7	0	45	437
Hourly Total	30	178	9	0	217	10	339	59	0	408	22	6	41	0	69	26	24	15	0	65	759
Total	204	3306	178	0	3688	294	3430	213	0	3937	175	52	245	0	472	192	74	227	0	493	8590
% Approach	5.5%	89.6%	4.8%	0%	-	7.5%	87.1%	5.4%	0%	-	37.1%	11.0%	51.9%	0%	-	38.9%	15.0%	46.0%	0%	-	-
% Total	2.4%	38.5%	2.1%	0%	42.9%	3.4%	39.9%	2.5%	0%	45.8%	2.0%	0.6%	2.9%	0%	5.5%	2.2%	0.9%	2.6%	0%	5.7%	-
Lights and Motorcycles	195	3248	176	0	3619	288	3350	193	0	3831	159	50	237	0	446	189	67	222	0	478	8374
% Lights and Motorcycles	95.6%	98.2%	98.9%	0%	98.1%	98.0%	97.7%	90.6%	0%	97.3%	90.9%	96.2%	96.7%	0%	94.5%	98.4%	90.5%	97.8%	0%	97.0%	97.5%
Heavy	9	58	2	0	69	6	80	20	0	106	16	2	8	0	26	3	7	5	0	15	216
% Heavy	4.4%	1.8%	1.1%	0%	1.9%	2.0%	2.3%	9.4%	0%	2.7%	9.1%	3.8%	3.3%	0%	5.5%	1.6%	9.5%	2.2%	0%	3.0%	2.5%

* L: Left, R: Right, T: Thru, U: U-Turn

HAZEL DELL RD & NOBLE CROSSING PKWY - TMC

Fri Sep 28, 2018

AM Peak (Sep 28 2018 7:30AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641329, Location: 40.011547, -86.070594, Site Code: i193



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-09-28																						
7:30AM	11	79	4	0	94	10	183	25	0	218	9	6	19	0	34	10	15	18	0	43	389	
7:45AM	11	89	5	0	105	5	185	19	0	209	12	2	12	0	26	18	5	10	0	33	373	
8:00AM	10	81	5	0	96	3	165	17	0	185	1	1	19	0	21	11	1	8	0	20	322	
8:15AM	20	97	4	0	121	7	174	42	0	223	21	5	22	0	48	15	23	7	0	45	437	
Total	52	346	18	0	416	25	707	103	0	835	43	14	72	0	129	54	44	43	0	141	1521	
% Approach	12.5%	83.2%	4.3%	0%	-	3.0%	84.7%	12.3%	0%	-	33.3%	10.9%	55.8%	0%	-	38.3%	31.2%	30.5%	0%	-	-	
% Total	3.4%	22.7%	1.2%	0%	27.4%	1.6%	46.5%	6.8%	0%	54.9%	2.8%	0.9%	4.7%	0%	8.5%	3.6%	2.9%	2.8%	0%	9.3%	-	
PHF	0.650	0.892	0.900	-	0.860	0.625	0.955	0.613	-	0.936	0.512	0.583	0.818	-	0.672	0.750	0.478	0.597	-	0.783	0.870	
Lights and Motorcycles	48	328	16	0	392	24	696	95	0	815	39	14	70	0	123	53	40	43	0	136	1466	
% Lights and Motorcycles	92.3%	94.8%	88.9%	0%	94.2%	96.0%	98.4%	92.2%	0%	97.6%	90.7%	100%	97.2%	0%	95.3%	98.1%	90.9%	100%	0%	96.5%	96.4%	
Heavy	4	18	2	0	24	1	11	8	0	20	4	0	2	0	6	1	4	0	0	5	55	
% Heavy	7.7%	5.2%	11.1%	0%	5.8%	4.0%	1.6%	7.8%	0%	2.4%	9.3%	0%	2.8%	0%	4.7%	1.9%	9.1%	0%	0%	3.5%	3.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

HAZEL DELL RD & NOBLE CROSSING PKWY - TMC

Thu Sep 27, 2018

PM Peak (Sep 27 2018 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641329, Location: 40.011547, -86.070594, Site Code: i193



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-27																						
5:00PM	13	210	10	0	233	18	161	3	0	182	6	3	9	0	18	4	1	13	0	18	451	
5:15PM	14	250	8	0	272	26	173	6	0	205	6	3	15	0	24	11	1	10	0	22	523	
5:30PM	7	226	15	0	248	21	165	5	0	191	4	3	5	0	12	6	0	11	0	17	468	
5:45PM	11	207	17	0	235	19	172	0	0	191	5	1	10	0	16	9	1	15	0	25	467	
Total	45	893	50	0	988	84	671	14	0	769	21	10	39	0	70	30	3	49	0	82	1909	
% Approach	4.6%	90.4%	5.1%	0%	-	10.9%	87.3%	1.8%	0%	-	30.0%	14.3%	55.7%	0%	-	36.6%	3.7%	59.8%	0%	-	-	
% Total	2.4%	46.8%	2.6%	0%	51.8%	4.4%	35.1%	0.7%	0%	40.3%	1.1%	0.5%	2.0%	0%	3.7%	1.6%	0.2%	2.6%	0%	4.3%	-	
PHF	0.804	0.893	0.735	-	0.908	0.808	0.970	0.583	-	0.938	0.875	0.833	0.650	-	0.729	0.682	0.750	0.817	-	0.820	0.913	
Lights and Motorcycles	45	887	50	0	982	83	659	14	0	756	21	10	39	0	70	30	3	49	0	82	1890	
% Lights and Motorcycles	100%	99.3%	100%	0%	99.4%	98.8%	98.2%	100%	0%	98.3%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	99.0%	
Heavy	0	6	0	0	6	1	12	0	0	13	0	0	0	0	0	0	0	0	0	0	19	
% Heavy	0%	0.7%	0%	0%	0.6%	1.2%	1.8%	0%	0%	1.7%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & SUMMER RD - TMC

Tue Apr 16, 2019

Full Length (3 AM-3 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646247, Location: 40.009843, -85.9568, Site Code: i-194



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-16																						
3:00AM	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	
3:15AM	0	0	0	0	0	1	0	0	0	1	1	1	0	0	2	1	3	0	0	0	4	7
3:30AM	0	0	2	0	2	0	0	1	0	1	0	1	0	0	1	0	3	0	0	0	3	7
3:45AM	1	0	0	0	1	0	0	0	0	0	0	1	1	0	2	0	1	0	0	0	1	4
Hourly Total	1	0	2	0	3	1	0	1	0	2	2	3	1	0	6	1	7	0	0	0	8	19
4:00AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	2	0	0	0	2	5
4:15AM	0	0	0	0	0	1	1	1	0	3	0	1	0	0	1	0	2	0	0	0	2	6
4:30AM	0	0	0	0	0	1	0	0	0	1	0	3	1	0	4	0	7	0	0	0	7	12
4:45AM	0	0	0	0	0	1	0	0	0	1	0	4	0	0	4	0	11	0	0	0	11	16
Hourly Total	0	0	0	0	0	3	1	1	0	5	0	11	1	0	12	0	22	0	0	0	22	39
5:00AM	0	0	0	0	0	3	0	0	0	3	0	8	0	0	8	0	4	0	0	0	4	15
5:15AM	0	0	0	0	0	2	0	0	0	2	0	4	0	0	4	0	8	1	0	0	9	15
5:30AM	0	0	0	0	0	1	0	1	0	2	0	23	0	0	23	0	11	0	0	0	11	36
5:45AM	1	0	0	0	1	4	0	0	0	4	0	14	0	0	14	0	27	0	0	0	27	46
Hourly Total	1	0	0	0	1	10	0	1	0	11	0	49	0	0	49	0	50	1	0	0	51	112
6:00AM	2	0	0	0	2	3	0	4	0	7	0	19	0	0	19	1	20	1	0	0	22	50
6:15AM	1	0	1	0	2	10	0	7	0	17	1	24	0	0	25	0	31	1	0	0	32	76
6:30AM	8	0	0	0	8	10	0	9	0	19	1	39	0	0	40	0	40	2	0	0	42	109
6:45AM	1	0	3	0	4	10	0	12	0	22	2	62	2	0	66	0	49	4	0	0	53	145
Hourly Total	12	0	4	0	16	33	0	32	0	65	4	144	2	0	150	1	140	8	0	0	149	380
7:00AM	6	1	1	0	8	10	2	8	0	20	2	69	1	0	72	0	68	2	0	0	70	170
7:15AM	5	0	4	0	9	13	1	13	0	27	4	72	0	0	76	0	103	2	0	0	105	217
7:30AM	2	0	3	0	5	8	0	12	0	20	4	70	0	0	74	1	118	3	0	0	122	221
7:45AM	3	1	0	0	4	6	0	13	0	19	3	69	0	0	72	0	109	11	0	0	120	215
Hourly Total	16	2	8	0	26	37	3	46	0	86	13	280	1	0	294	1	398	18	0	0	417	823
8:00AM	0	0	1	0	1	9	0	8	0	17	7	61	0	0	68	0	96	1	0	0	97	183
8:15AM	2	0	0	0	2	8	0	19	0	27	3	67	1	0	71	0	94	1	1	0	96	196
8:30AM	2	0	2	0	4	7	0	6	0	13	3	62	0	0	65	0	79	7	0	0	86	168
8:45AM	1	1	1	0	3	5	0	12	0	17	3	47	1	0	51	1	81	6	0	0	88	159
Hourly Total	5	1	4	0	10	29	0	45	0	74	16	237	2	0	255	1	350	15	1	0	367	706
9:00AM	2	0	0	0	2	5	0	6	0	11	4	53	1	0	58	0	71	7	0	0	78	149
9:15AM	1	0	1	0	2	2	1	2	0	5	5	35	0	0	40	1	64	6	0	0	71	118
9:30AM	3	1	1	0	5	5	0	6	0	11	4	54	0	0	58	1	61	5	0	0	67	141
9:45AM	0	0	1	0	1	5	0	4	0	9	5	62	1	0	68	0	44	3	0	0	47	125
Hourly Total	6	1	3	0	10	17	1	18	0	36	18	204	2	0	224	2	240	21	0	0	263	533
10:00AM	1	1	0	0	2	3	0	4	0	7	7	47	1	0	55	0	60	5	0	0	65	129
10:15AM	0	1	0	0	1	7	1	5	0	13	2	44	1	0	47	0	47	2	0	0	49	110
10:30AM	2	0	0	0	2	1	1	5	0	7	5	45	0	0	50	1	53	8	0	0	62	121
10:45AM	0	0	0	0	0	7	0	3	0	10	5	59	1	0	65	0	70	3	0	0	73	148
Hourly Total	3	2	0	0	5	18	2	17	0	37	19	195	3	0	217	1	230	18	0	0	249	508
11:00AM	0	1	0	0	1	4	2	2	0	8	4	57	0	0	61	0	57	2	0	0	59	129
11:15AM	1	0	0	0	1	3	0	3	0	6	3	71	0	0	74	0	59	3	0	0	62	143
11:30AM	2	0	1	0	3	2	0	3	0	5	4	52	0	0	56	1	67	3	0	0	71	135
11:45AM	1	0	0	0	1	2	0	3	0	5	13	48	6	0	67	2	56	5	0	0	63	136
Hourly Total	4	1	1	0	6	11	2	11	0	24	24	228	6	0	258	3	239	13	0	0	255	543
12:00PM	0	0	2	0	2	6	1	5	0	12	4	72	0	0	76	0	75	6	0	0	81	171
12:15PM	0	0	0	0	0	2	0	2	0	4	2	68	1	0	71	0	67	4	0	0	71	146
12:30PM	2	0	0	0	2	6	0	1	0	7	4	67	1	0	72	0	72	4	0	0	76	157
12:45PM	0	0	0	0	0	4	0	4	0	8	9	59	2	0	70	0	69	11	0	0	80	158
Hourly Total	2	0	2	0	4	18	1	12	0	31	19	266	4	0	289	0	283	25	0	0	308	632
1:00PM	1	0	0	0	1	4	1	2	0	7	6	112	4	0	122	0	68	3	0	0	71	201
1:15PM	0	0	0	0	0	5	1	9	0	15	5	69	2	0	76	0	67	3	0	0	70	161
1:30PM	3	0	0	0	3	6	2	8	0	16	3	77	1	0	81	1	69	2	0	0	72	172
1:45PM	0	3	1	0	4	7	0	9	0	16	7	73	0	0	80	0	97	4	0	0	101	201
Hourly Total	4	3	1	0	8	22	4	28	0	54	21	331	7	0	359	1	301	12	0	0	314	735

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2:00PM	3	0	0	0	3	6	1	8	0	15	7	63	3	0	73	1	75	7	0	83	174	
2:15PM	0	0	1	0	1	4	0	8	0	12	9	55	3	0	67	0	65	5	0	70	150	
2:30PM	1	0	1	0	2	7	1	6	0	14	5	68	2	0	75	1	88	4	0	93	184	
2:45PM	1	0	0	0	1	7	1	3	0	11	6	62	1	0	69	0	55	5	0	60	141	
Hourly Total	5	0	2	0	7	24	3	25	0	52	27	248	9	0	284	2	283	21	0	306	649	
3:00PM	3	0	0	0	3	6	1	5	0	12	11	76	1	0	88	2	75	11	0	88	191	
3:15PM	3	0	3	0	6	4	2	2	0	8	8	99	2	0	109	4	86	10	0	100	223	
3:30PM	0	0	0	0	0	7	0	12	0	19	5	91	3	0	99	2	73	7	0	82	200	
3:45PM	0	0	1	0	1	8	0	6	0	14	11	99	1	0	111	1	88	8	0	97	223	
Hourly Total	6	0	4	0	10	25	3	25	0	53	35	365	7	0	407	9	322	36	0	367	837	
4:00PM	2	0	2	0	4	3	1	6	0	10	7	75	3	0	85	0	93	5	0	98	197	
4:15PM	6	0	0	0	6	4	1	8	0	13	6	103	5	0	114	0	99	6	0	105	238	
4:30PM	2	0	0	0	2	4	0	9	0	13	10	109	5	0	124	0	132	6	0	138	277	
4:45PM	0	0	1	0	1	6	0	8	0	14	11	108	9	0	128	0	111	9	0	120	263	
Hourly Total	10	0	3	0	13	17	2	31	0	50	34	395	22	0	451	0	435	26	0	461	975	
5:00PM	1	0	0	0	1	3	2	3	0	8	11	112	6	0	129	0	104	14	0	118	256	
5:15PM	2	2	0	0	4	7	0	10	0	17	13	110	3	0	126	1	105	6	0	112	259	
5:30PM	0	1	3	0	4	8	1	5	0	14	17	116	2	0	135	2	118	11	0	131	284	
5:45PM	1	2	0	0	3	5	1	10	0	16	8	119	2	0	129	0	105	15	0	120	268	
Hourly Total	4	5	3	0	12	23	4	28	0	55	49	457	13	0	519	3	432	46	0	481	1067	
6:00PM	0	1	0	0	1	6	0	5	0	11	11	100	4	0	115	1	91	8	0	100	227	
6:15PM	2	1	1	0	4	7	0	10	0	17	11	106	4	0	121	2	85	9	0	96	238	
6:30PM	2	1	1	0	4	9	0	7	0	16	11	89	2	0	102	1	75	5	0	81	203	
6:45PM	3	0	0	0	3	4	0	9	0	13	6	84	5	0	95	3	82	10	0	95	206	
Hourly Total	7	3	2	0	12	26	0	31	0	57	39	379	15	0	433	7	333	32	0	372	874	
7:00PM	2	0	1	0	3	7	0	5	0	12	10	68	3	0	81	0	74	9	0	83	179	
7:15PM	2	3	0	0	5	8	0	4	0	12	7	74	1	0	82	0	59	3	0	62	161	
7:30PM	0	0	0	0	0	6	1	3	0	10	6	69	4	0	79	1	69	4	0	74	163	
7:45PM	2	0	1	0	3	5	2	5	0	12	4	82	4	0	90	2	61	5	0	68	173	
Hourly Total	6	3	2	0	11	26	3	17	0	46	27	293	12	0	332	3	263	21	0	287	676	
8:00PM	1	0	0	0	1	2	1	3	0	6	5	62	1	0	68	1	46	6	0	53	128	
8:15PM	1	0	2	0	3	3	0	2	0	5	4	67	1	0	72	0	36	2	0	38	118	
8:30PM	1	1	1	0	3	3	1	3	0	7	5	65	2	0	72	1	44	5	0	50	132	
8:45PM	1	1	0	0	2	8	1	4	0	13	5	47	1	0	53	0	37	5	0	42	110	
Hourly Total	4	2	3	0	9	16	3	12	0	31	19	241	5	0	265	2	163	18	0	183	488	
9:00PM	1	0	0	0	1	7	3	2	0	12	7	45	0	0	52	1	48	9	0	58	123	
9:15PM	0	2	0	0	2	4	0	4	0	8	6	37	0	0	43	0	28	4	0	32	85	
9:30PM	2	0	0	0	2	4	3	4	0	11	3	42	2	0	47	2	40	5	0	47	107	
9:45PM	1	0	1	0	2	1	1	3	0	5	0	20	3	0	23	1	29	4	0	34	64	
Hourly Total	4	2	1	0	7	16	7	13	0	36	16	144	5	0	165	4	145	22	0	171	379	
10:00PM	0	0	2	0	2	0	0	0	0	0	2	16	1	0	19	0	23	5	0	28	49	
10:15PM	0	0	0	0	0	0	0	0	0	0	5	16	1	0	22	1	16	0	0	17	39	
10:30PM	0	0	0	0	0	1	2	0	0	3	0	20	0	0	20	0	13	0	0	13	36	
10:45PM	0	1	0	0	1	1	0	1	0	2	0	12	1	0	13	1	11	0	0	12	28	
Hourly Total	0	1	2	0	3	2	2	1	0	5	7	64	3	0	74	2	63	5	0	70	152	
11:00PM	1	0	0	0	1	2	0	1	0	3	1	14	0	0	15	0	10	2	0	12	31	
11:15PM	0	0	0	0	0	1	0	0	0	1	2	7	0	0	9	0	10	1	0	11	21	
11:30PM	0	0	0	0	0	0	0	1	0	1	1	8	0	0	9	0	10	0	0	10	20	
11:45PM	0	0	0	0	0	0	0	0	0	0	2	5	0	0	7	0	2	1	0	3	10	
Hourly Total	1	0	0	0	1	3	0	2	0	5	6	34	0	0	40	0	32	4	0	36	82	
2019-04-17																						
12:00AM	0	0	1	0	1	1	0	0	0	1	2	10	0	0	12	1	7	0	0	8	22	
12:15AM	2	0	0	0	2	0	0	1	0	1	0	4	0	0	4	0	6	0	0	6	13	
12:30AM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	1	5	0	0	6	9	
12:45AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	1	0	0	1	7	
Hourly Total	2	0	1	0	3	1	0	1	0	2	3	22	0	0	25	2	19	0	0	21	51	
1:00AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	3	0	0	3	5	
1:15AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	1	0	3	4	
1:30AM	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	0	3	0	0	3	6	
1:45AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	2	
Hourly Total	0	0	0	0	0	0	0	0	0	0	1	5	1	0	7	0	9	1	0	10	17	
2:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2:15AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	2	

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2:30AM	0	0	0	0	0	1	0	0	0	1	0	2	0	0	2	0	1	0	0	1	4
2:45AM	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	1	2
Hourly Total	0	0	0	0	0	1	0	1	0	2	0	3	0	0	3	0	3	0	0	3	8
Total	103	26	48	0	177	379	41	399	0	819	399	4598	121	0	5118	45	4762	363	1	5171	11285
% Approach	58.2%	14.7%	27.1%	0%	-	46.3%	5.0%	48.7%	0%	-	7.8%	89.8%	2.4%	0%	-	0.9%	92.1%	7.0%	0%	-	-
% Total	0.9%	0.2%	0.4%	0%	1.6%	3.4%	0.4%	3.5%	0%	7.3%	3.5%	40.7%	1.1%	0%	45.4%	0.4%	42.2%	3.2%	0%	45.8%	-
Lights and Motorcycles	98	25	42	0	165	366	33	373	0	772	380	4451	116	0	4947	38	4621	337	1	4997	10881
% Lights and Motorcycles	95.1%	96.2%	87.5%	0%	93.2%	96.6%	80.5%	93.5%	0%	94.3%	95.2%	96.8%	95.9%	0%	96.7%	84.4%	97.0%	92.8%	100%	96.6%	96.4%
Heavy	5	1	6	0	12	13	8	26	0	47	19	147	5	0	171	7	141	26	0	174	404
% Heavy	4.9%	3.8%	12.5%	0%	6.8%	3.4%	19.5%	6.5%	0%	5.7%	4.8%	3.2%	4.1%	0%	3.3%	15.6%	3.0%	7.2%	0%	3.4%	3.6%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & SUMMER RD - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646247, Location: 40.009843, -85.9568, Site Code: i-194



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-16 7:15AM	5	0	4	0	9	13	1	13	0	27	4	72	0	0	76	0	103	2	0	105	217
7:30AM	2	0	3	0	5	8	0	12	0	20	4	70	0	0	74	1	118	3	0	122	221
7:45AM	3	1	0	0	4	6	0	13	0	19	3	69	0	0	72	0	109	11	0	120	215
8:00AM	0	0	1	0	1	9	0	8	0	17	7	61	0	0	68	0	96	1	0	97	183
Total	10	1	8	0	19	36	1	46	0	83	18	272	0	0	290	1	426	17	0	444	836
% Approach	52.6%	5.3%	42.1%	0%	-	43.4%	1.2%	55.4%	0%	-	6.2%	93.8%	0%	0%	-	0.2%	95.9%	3.8%	0%	-	-
% Total	1.2%	0.1%	1.0%	0%	2.3%	4.3%	0.1%	5.5%	0%	9.9%	2.2%	32.5%	0%	0%	34.7%	0.1%	51.0%	2.0%	0%	53.1%	-
PHF	0.500	0.250	0.500	-	0.528	0.692	0.250	0.885	-	0.769	0.643	0.944	-	-	0.954	0.250	0.903	0.386	-	0.910	0.946
Lights and Motorcycles	10	1	7	0	18	35	0	45	0	80	16	264	0	0	280	0	418	15	0	433	811
% Lights and Motorcycles	100%	100%	87.5%	0%	94.7%	97.2%	0%	97.8%	0%	96.4%	88.9%	97.1%	0%	0%	96.6%	0%	98.1%	88.2%	0%	97.5%	97.0%
Heavy	0	0	1	0	1	1	1	1	0	3	2	8	0	0	10	1	8	2	0	11	25
% Heavy	0%	0%	12.5%	0%	5.3%	2.8%	100%	2.2%	0%	3.6%	11.1%	2.9%	0%	0%	3.4%	100%	1.9%	11.8%	0%	2.5%	3.0%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & SUMMER RD - TMC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646247, Location: 40.009843, -85.9568, Site Code: i-194



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 5:00PM	1	0	0	0	1	3	2	3	0	8	11	112	6	0	129	0	104	14	0	118	256
5:15PM	2	2	0	0	4	7	0	10	0	17	13	110	3	0	126	1	105	6	0	112	259
5:30PM	0	1	3	0	4	8	1	5	0	14	17	116	2	0	135	2	118	11	0	131	284
5:45PM	1	2	0	0	3	5	1	10	0	16	8	119	2	0	129	0	105	15	0	120	268
Total	4	5	3	0	12	23	4	28	0	55	49	457	13	0	519	3	432	46	0	481	1067
% Approach	33.3%	41.7%	25.0%	0%	-	41.8%	7.3%	50.9%	0%	-	9.4%	88.1%	2.5%	0%	-	0.6%	89.8%	9.6%	0%	-	-
% Total	0.4%	0.5%	0.3%	0%	1.1%	2.2%	0.4%	2.6%	0%	5.2%	4.6%	42.8%	1.2%	0%	48.6%	0.3%	40.5%	4.3%	0%	45.1%	-
PHF	0.500	0.625	0.250	-	0.750	0.719	0.500	0.700	-	0.809	0.721	0.960	0.542	-	0.961	0.375	0.915	0.767	-	0.918	0.939
Lights and Motorcycles	3	5	1	0	9	22	4	28	0	54	49	454	13	0	516	3	421	46	0	470	1049
% Lights and Motorcycles	75.0%	100%	33.3%	0%	75.0%	95.7%	100%	100%	0%	98.2%	100%	99.3%	100%	0%	99.4%	100%	97.5%	100%	0%	97.7%	98.3%
Heavy	1	0	2	0	3	1	0	0	0	1	0	3	0	0	3	0	11	0	0	11	18
% Heavy	25.0%	0%	66.7%	0%	25.0%	4.3%	0%	0%	0%	1.8%	0%	0.7%	0%	0%	0.6%	0%	2.5%	0%	0%	2.3%	1.7%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(195) 146th Street & Atlantic Road
10/2/2018
AN

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:15 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0	0	0	0					0	0	0	0
SOUTHBOUND	0	0	4	4					3	0	2	5
EASTBOUND	2	2	0	4					5	26	0	31
WESTBOUND	0	14	0	14					0	10	0	10

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	#DIV/0!				#DIV/0!	
SOUTHBOUND	0.50	0.69			0.42	0.68
EASTBOUND	0.50				0.78	
WESTBOUND	0.70				0.63	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%
EASTBOUND	50.0%	0.0%	0.0%	25.0%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	0.0%	0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	0	3	3	3	3	6	9
7:00 AM	TO	8:00 AM	0	4	4	4	14	18	22
8:00 AM	TO	9:00 AM	0	0	0	4	3	7	7
3:00 PM	TO	4:00 PM	0	6	6	23	8	31	37
4:00 PM	TO	5:00 PM	0	4	4	26	7	33	37
5:00 PM	TO	6:00 PM	0	7	7	28	11	39	46
6:00 PM	TO	7:00 PM	0	6	6	18	12	30	36
TOTAL VOLUME			0	30	30	106	58	164	194
PERCENTAGE			0.0%	15.5%	15.5%	54.6%	29.9%	84.5%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(195) 146th Street & Atlantic Road
10/2/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
7:00 AM - 8:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
8:00 AM - 9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
4:00 PM - 5:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
5:00 PM - 6:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
6:00 PM - 7:00 PM	0	0	0	0	0	0	0	0	0	0	0	0
PASSENGER	0 #DIV/0!			0 #DIV/0!			0 #DIV/0!			0 #DIV/0!		
TRUCK	0 #DIV/0!			0 #DIV/0!			0 #DIV/0!			0 #DIV/0!		
BOTH	0 #DIV/0!			0 #DIV/0!			0 #DIV/0!			0 #DIV/0!		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	0	1	0	0	0	1	1	2	2	1	3
7:00 AM - 8:00 AM	0	0	0	0	0	0	4	0	4	4	0	4
8:00 AM - 9:00 AM	0	0	0	0	0	0	0	0	0	0	0	0
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	1	4	0	0	0	2	0	2	5	1	6
4:00 PM - 5:00 PM	3	0	3	0	0	0	1	0	1	4	0	4
5:00 PM - 6:00 PM	4	0	4	0	0	0	3	0	3	7	0	7
6:00 PM - 7:00 PM	3	0	3	0	0	0	3	0	3	6	0	6
PASSENGER	14 93.3%			0 #DIV/0!			14 93.3%			28 93.3%		
TRUCK	1 6.7%			0 #DIV/0!			1 6.7%			2 6.7%		
BOTH	15 50.0%			0 0.0%			15 50.0%			30 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	1	2	3	0	0	0	0	0	0	1	2	3
7:00 AM - 8:00 AM	1	1	2	2	0	2	0	0	0	3	1	4
8:00 AM - 9:00 AM	0	1	1	3	0	3	0	0	0	3	1	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	4	2	6	17	0	17	0	0	0	21	2	23
4:00 PM - 5:00 PM	5	1	6	20	0	20	0	0	0	25	1	26
5:00 PM - 6:00 PM	4	0	4	24	0	24	0	0	0	28	0	28
6:00 PM - 7:00 PM	2	0	2	16	0	16	0	0	0	18	0	18
PASSENGER	17 70.8%			82 100.0%			0 #DIV/0!			99 93.4%		
TRUCK	7 29.2%			0 0.0%			0 #DIV/0!			7 6.6%		
BOTH	24 22.6%			82 77.4%			0 0.0%			106 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	3	0	3	0	0	0	3	0	3
7:00 AM - 8:00 AM	0	0	0	14	0	14	0	0	0	14	0	14
8:00 AM - 9:00 AM	0	0	0	3	0	3	0	0	0	3	0	3
PM TIME PERIOD												
3:00 PM - 4:00 PM	0	0	0	8	0	8	0	0	0	8	0	8
4:00 PM - 5:00 PM	0	0	0	7	0	7	0	0	0	7	0	7
5:00 PM - 6:00 PM	0	0	0	10	0	10	1	0	1	11	0	11
6:00 PM - 7:00 PM	0	0	0	9	0	9	3	0	3	12	0	12
PASSENGER	0 #DIV/0!			54 100.0%			4 100.0%			58 100.0%		
TRUCK	0 #DIV/0!			0 0.0%			0 0.0%			0 0.0%		
BOTH	0 0.0%			54 93.1%			4 6.9%			58 100.0%		

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(196) 146th Street & Cyntheanne Road
10/2/2018
BS

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 5:00 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	13	50	2	65					3	30	0	33
SOUTHBOUND	0	46	1	47					0	54	3	57
EASTBOUND	1	4	5	10					5	23	19	47
WESTBOUND	3	11	1	15					1	3	3	7

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.77				0.75	
SOUTHBOUND	0.73	0.88			0.84	0.84
EASTBOUND	0.63				0.65	
WESTBOUND	0.75				0.58	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND	0.0%	4.0%	50.0%	4.6%					0.0%	0.0%	0.0%	0.0%
SOUTHBOUND	0.0%	4.3%	0.0%	4.3%					0.0%	0.0%	33.3%	1.8%
EASTBOUND	0.0%	0.0%	20.0%	10.0%					0.0%	0.0%	0.0%	0.0%
WESTBOUND	0.0%	0.0%	0.0%	0.0%					0.0%	33.3%	0.0%	14.3%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	12	28	40	5	9	14	54
7:00 AM	TO	8:00 AM	65	47	112	10	15	25	137
8:00 AM	TO	9:00 AM	28	11	39	5	4	9	48
3:00 PM	TO	4:00 PM	49	34	83	35	21	56	139
4:00 PM	TO	5:00 PM	52	26	78	45	15	60	138
5:00 PM	TO	6:00 PM	33	57	90	47	7	54	144
6:00 PM	TO	7:00 PM	47	28	75	20	8	28	103
TOTAL VOLUME			286	231	517	167	79	246	763
PERCENTAGE			37.5%	30.3%	67.8%	21.9%	10.4%	32.2%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(196) 146th Street & Cyntheanne Road
10/2/2018

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	12	0	12	0	0	0	12	0	12
7:00 AM - 8:00 AM	13	0	13	48	2	50	1	1	2	62	3	65
8:00 AM - 9:00 AM	2	1	3	22	2	24	1	0	1	25	3	28
PM TIME PERIOD												
3:00 PM - 4:00 PM	14	0	14	28	4	32	3	0	3	45	4	49
4:00 PM - 5:00 PM	8	1	9	35	5	40	3	0	3	46	6	52
5:00 PM - 6:00 PM	3	0	3	30	0	30	0	0	0	33	0	33
6:00 PM - 7:00 PM	5	0	5	36	5	41	1	0	1	42	5	47
PASSENGER	45 95.7%			211 92.1%			9 90.0%			265 92.7%		
TRUCK	2 4.3%			18 7.9%			1 10.0%			21 7.3%		
BOTH	47 16.4%			229 80.1%			10 3.5%			286 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	21	3	24	4	0	4	25	3	28
7:00 AM - 8:00 AM	0	0	0	44	2	46	1	0	1	45	2	47
8:00 AM - 9:00 AM	1	0	1	8	2	10	0	0	0	9	2	11
PM TIME PERIOD												
3:00 PM - 4:00 PM	1	0	1	29	1	30	2	1	3	32	2	34
4:00 PM - 5:00 PM	0	0	0	25	1	26	0	0	0	25	1	26
5:00 PM - 6:00 PM	0	0	0	54	0	54	2	1	3	56	1	57
6:00 PM - 7:00 PM	1	0	1	26	0	26	1	0	1	28	0	28
PASSENGER	3 100.0%			207 95.8%			10 83.3%			220 95.2%		
TRUCK	0 0.0%			9 4.2%			2 16.7%			11 4.8%		
BOTH	3 1.3%			216 93.5%			12 5.2%			231 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	0	0	0	0	1	1	4	0	4	4	1	5
7:00 AM - 8:00 AM	1	0	1	4	0	4	4	1	5	9	1	10
8:00 AM - 9:00 AM	0	0	0	2	1	3	1	1	2	3	2	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	3	0	3	19	2	21	11	0	11	33	2	35
4:00 PM - 5:00 PM	5	0	5	26	1	27	13	0	13	44	1	45
5:00 PM - 6:00 PM	5	0	5	23	0	23	19	0	19	47	0	47
6:00 PM - 7:00 PM	1	0	1	14	0	14	5	0	5	20	0	20
PASSENGER	15 100.0%			88 94.6%			57 96.6%			160 95.8%		
TRUCK	0 0.0%			5 5.4%			2 3.4%			7 4.2%		
BOTH	15 9.0%			93 55.7%			59 35.3%			167 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	1	3	6	0	6	0	0	0	8	1	9
7:00 AM - 8:00 AM	3	0	3	11	0	11	1	0	1	15	0	15
8:00 AM - 9:00 AM	0	0	0	4	0	4	0	0	0	4	0	4
PM TIME PERIOD												
3:00 PM - 4:00 PM	2	0	2	17	0	17	2	0	2	21	0	21
4:00 PM - 5:00 PM	3	0	3	12	0	12	0	0	0	15	0	15
5:00 PM - 6:00 PM	1	0	1	2	1	3	3	0	3	6	1	7
6:00 PM - 7:00 PM	2	0	2	4	0	4	2	0	2	8	0	8
PASSENGER	13 92.9%			56 98.2%			8 100.0%			77 97.5%		
TRUCK	1 7.1%			1 1.8%			0 0.0%			2 2.5%		
BOTH	14 17.7%			57 72.2%			8 10.1%			79 100.0%		

146TH ST & PRAIRIE BAPTIST RD *AM - TMC

Tue Apr 23, 2019

Full Length (6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646634, Location: 40.001901, -85.90018, Site Code: i-197



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-23																					
6:30AM	0	1	2	0	3	1	7	1	0	9	0	0	0	0	0	0	3	1	0	4	16
6:45AM	0	0	0	0	0	0	16	1	0	17	0	0	0	0	0	2	1	0	1	4	21
Hourly Total	0	1	2	0	3	1	23	2	0	26	0	0	0	0	0	2	4	1	1	8	37
7:00AM	0	4	0	0	4	0	5	0	0	5	0	1	0	0	1	6	1	0	0	7	17
7:15AM	0	1	0	0	1	0	15	5	0	20	0	2	0	0	2	5	5	1	0	11	34
7:30AM	0	2	2	0	4	1	7	1	0	9	0	0	0	0	0	4	2	1	0	7	20
7:45AM	1	0	2	0	3	1	12	2	0	15	0	1	0	0	1	2	6	0	0	8	27
Hourly Total	1	7	4	0	12	2	39	8	0	49	0	4	0	0	4	17	14	2	0	33	98
8:00AM	0	0	0	0	0	2	12	4	0	18	0	0	0	0	0	3	4	1	0	8	26
8:15AM	0	3	1	0	4	1	9	3	0	13	1	1	0	0	2	2	3	1	0	6	25
Hourly Total	0	3	1	0	4	3	21	7	0	31	1	1	0	0	2	5	7	2	0	14	51
Total	1	11	7	0	19	6	83	17	0	106	1	5	0	0	6	24	25	5	1	55	186
% Approach	5.3%	57.9%	36.8%	0%	-	5.7%	78.3%	16.0%	0%	-	16.7%	83.3%	0%	0%	-	43.6%	45.5%	9.1%	1.8%	-	-
% Total	0.5%	5.9%	3.8%	0%	10.2%	3.2%	44.6%	9.1%	0%	57.0%	0.5%	2.7%	0%	0%	3.2%	12.9%	13.4%	2.7%	0.5%	29.6%	-
Lights and Motorcycles	1	10	6	0	17	5	83	17	0	105	1	5	0	0	6	24	24	5	1	54	182
% Lights and Motorcycles	100%	90.9%	85.7%	0%	89.5%	83.3%	100%	100%	0%	99.1%	100%	100%	0%	0%	100%	100%	96.0%	100%	100%	98.2%	97.8%
Heavy	0	1	1	0	2	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	4
% Heavy	0%	9.1%	14.3%	0%	10.5%	16.7%	0%	0%	0%	0.9%	0%	0%	0%	0%	0%	0%	4.0%	0%	0%	1.8%	2.2%

* L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & PRAIRIE BAPTIST RD *PM - TMC

Thu Apr 18, 2019

Full Length (3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646631, Location: 40.001901, -85.90018, Site Code: i-197



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	
2019-04-18																					
3:00PM	6	14	2	0	22	1	0	1	0	2	2	3	2	0	7	0	2	0	0	2	33
3:15PM	1	6	0	0	7	1	0	1	0	2	0	1	1	0	2	1	6	3	0	10	21
3:30PM	6	8	0	0	14	2	1	1	0	4	0	5	4	0	9	0	5	1	0	6	33
3:45PM	2	4	0	0	6	0	5	1	0	6	1	4	1	0	6	1	0	2	0	3	21
Hourly Total	15	32	2	0	49	4	6	4	0	14	3	13	8	0	24	2	13	6	0	21	108
4:00PM	3	11	0	0	14	0	3	1	0	4	0	5	10	0	15	2	4	1	0	7	40
4:15PM	6	11	0	0	17	4	2	3	0	9	0	3	1	0	4	0	5	1	0	6	36
4:30PM	4	16	0	0	20	1	5	0	0	6	0	11	9	0	20	2	1	1	0	4	50
4:45PM	3	8	1	1	13	0	3	2	0	5	0	3	4	0	7	2	4	0	0	6	31
Hourly Total	16	46	1	1	64	5	13	6	0	24	0	22	24	0	46	6	14	3	0	23	157
5:00PM	1	11	1	0	13	1	4	2	0	7	0	3	2	0	5	0	0	2	0	2	27
5:15PM	0	7	0	0	7	0	3	1	0	4	0	9	1	0	10	0	3	1	0	4	25
5:30PM	2	10	0	0	12	0	1	1	0	2	1	7	1	0	9	1	3	0	0	4	27
5:45PM	0	4	0	0	4	0	3	1	0	4	0	5	2	0	7	0	2	0	0	2	17
Hourly Total	3	32	1	0	36	1	11	5	0	17	1	24	6	0	31	1	8	3	0	12	96
6:00PM	3	5	0	0	8	1	7	0	0	8	0	4	3	0	7	1	1	2	0	4	27
6:15PM	3	7	0	0	10	0	6	1	0	7	0	4	0	0	4	0	4	1	0	5	26
6:30PM	5	5	0	0	10	0	3	0	0	3	0	2	1	0	3	0	1	2	0	3	19
6:45PM	6	0	0	0	6	0	1	1	0	2	1	3	3	0	7	0	3	0	0	3	18
Hourly Total	17	17	0	0	34	1	17	2	0	20	1	13	7	0	21	1	9	5	0	15	90
Total	51	127	4	1	183	11	47	17	0	75	5	72	45	0	122	10	44	17	0	71	451
% Approach	27.9%	69.4%	2.2%	0.5%	-	14.7%	62.7%	22.7%	0%	-	4.1%	59.0%	36.9%	0%	-	14.1%	62.0%	23.9%	0%	-	-
% Total	11.3%	28.2%	0.9%	0.2%	40.6%	2.4%	10.4%	3.8%	0%	16.6%	1.1%	16.0%	10.0%	0%	27.1%	2.2%	9.8%	3.8%	0%	15.7%	-
Lights and Motorcycles	48	127	4	1	180	11	46	16	0	73	5	71	44	0	120	7	42	17	0	66	439
% Lights and Motorcycles	94.1%	100%	100%	100%	98.4%	100%	97.9%	94.1%	0%	97.3%	100%	98.6%	97.8%	0%	98.4%	70.0%	95.5%	100%	0%	93.0%	97.3%
Heavy	3	0	0	0	3	0	1	1	0	2	0	1	1	0	2	3	2	0	0	5	12
% Heavy	5.9%	0%	0%	0%	1.6%	0%	2.1%	5.9%	0%	2.7%	0%	1.4%	2.2%	0%	1.6%	30.0%	4.5%	0%	0%	7.0%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & PRAIRIE BAPTIST RD *AM - TMC

Tue Apr 23, 2019

AM Peak (7:15 AM - 8:15 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646634, Location: 40.001901, -85.90018, Site Code: i-197



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-23 7:15AM	0	1	0	0	1	0	15	5	0	20	0	2	0	0	2	5	5	1	0	11	34
7:30AM	0	2	2	0	4	1	7	1	0	9	0	0	0	0	0	4	2	1	0	7	20
7:45AM	1	0	2	0	3	1	12	2	0	15	0	1	0	0	1	2	6	0	0	8	27
8:00AM	0	0	0	0	0	2	12	4	0	18	0	0	0	0	0	3	4	1	0	8	26
Total	1	3	4	0	8	4	46	12	0	62	0	3	0	0	3	14	17	3	0	34	107
% Approach	12.5%	37.5%	50.0%	0%	-	6.5%	74.2%	19.4%	0%	-	0%	100%	0%	0%	-	41.2%	50.0%	8.8%	0%	-	-
% Total	0.9%	2.8%	3.7%	0%	7.5%	3.7%	43.0%	11.2%	0%	57.9%	0%	2.8%	0%	0%	2.8%	13.1%	15.9%	2.8%	0%	31.8%	-
PHF	0.250	0.375	0.500	-	0.500	0.500	0.767	0.600	-	0.775	-0.375	-	-	0.375	0.700	0.708	0.750	-	0.773	0.787	0.787
Lights and Motorcycles	1	3	4	0	8	3	46	12	0	61	0	3	0	0	3	14	16	3	0	33	105
% Lights and Motorcycles	100%	100%	100%	0%	100%	75.0%	100%	100%	0%	98.4%	0%	100%	0%	0%	100%	100%	94.1%	100%	0%	97.1%	98.1%
Heavy	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	2
% Heavy	0%	0%	0%	0%	0%	25.0%	0%	0%	0%	1.6%	0%	0%	0%	0%	0%	0%	5.9%	0%	0%	2.9%	1.9%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & PRAIRIE BAPTIST RD *PM - TMC

Thu Apr 18, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646631, Location: 40.001901, -85.90018, Site Code: i-197



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App	R	T	L	U	App		
2019-04-18																						
4:00PM	3	11	0	0	14	0	3	1	0	4	0	5	10	0	15	2	4	1	0	7	40	
4:15PM	6	11	0	0	17	4	2	3	0	9	0	3	1	0	4	0	5	1	0	6	36	
4:30PM	4	16	0	0	20	1	5	0	0	6	0	11	9	0	20	2	1	1	0	4	50	
4:45PM	3	8	1	1	13	0	3	2	0	5	0	3	4	0	7	2	4	0	0	6	31	
Total	16	46	1	1	64	5	13	6	0	24	0	22	24	0	46	6	14	3	0	23	157	
% Approach	25.0%	71.9%	1.6%	1.6%	-	20.8%	54.2%	25.0%	0%	-	0%	47.8%	52.2%	0%	-	26.1%	60.9%	13.0%	0%	-	-	
% Total	10.2%	29.3%	0.6%	0.6%	40.8%	3.2%	8.3%	3.8%	0%	15.3%	0%	14.0%	15.3%	0%	29.3%	3.8%	8.9%	1.9%	0%	14.6%	-	
PHF	0.667	0.719	0.250	0.250	0.800	0.313	0.650	0.500	-	0.667	-	0.500	0.600	-	0.575	0.750	0.700	0.750	-	0.821	0.785	
Lights and Motorcycles	16	46	1	1	64	5	12	5	0	22	0	22	23	0	45	3	13	3	0	19	150	
% Lights and Motorcycles	100%	100%	100%	100%	100%	100%	92.3%	83.3%	0%	91.7%	0%	100%	95.8%	0%	97.8%	50.0%	92.9%	100%	0%	82.6%	95.5%	
Heavy	0	0	0	0	0	0	1	1	0	2	0	0	1	0	1	3	1	0	0	4	7	
% Heavy	0%	0%	0%	0%	0%	0%	7.7%	16.7%	0%	8.3%	0%	0%	4.2%	0%	2.2%	50.0%	7.1%	0%	0%	17.4%	4.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & PROMISE RD - TMC

Thu Jan 10, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611113, Location: 40.000954, -85.970977, Site Code: i-198



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-10																					
6:30AM	5	11	3	0	19	15	15	31	0	61	4	64	10	0	78	2	161	3	0	166	324
6:45AM	16	12	2	0	30	12	26	37	0	75	4	109	18	0	131	2	173	3	0	178	414
Hourly Total	21	23	5	0	49	27	41	68	0	136	8	173	28	0	209	4	334	6	0	344	738
7:00AM	19	26	4	0	49	19	31	31	0	81	8	119	15	0	142	2	160	2	0	164	436
7:15AM	11	19	9	0	39	19	22	39	0	80	20	123	10	0	153	5	200	9	0	214	486
7:30AM	16	31	5	1	53	21	18	44	0	83	12	128	10	1	151	6	165	4	0	175	462
7:45AM	13	31	4	0	48	11	28	38	0	77	13	145	9	0	167	8	171	4	0	183	475
Hourly Total	59	107	22	1	189	70	99	152	0	321	53	515	44	1	613	21	696	19	0	736	1859
8:00AM	9	25	3	0	37	9	28	28	0	65	11	103	8	0	122	6	139	4	0	149	373
8:15AM	11	18	3	0	32	6	24	28	0	58	14	123	12	0	149	3	120	0	0	123	362
8:30AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	2
Hourly Total	20	43	6	0	69	15	52	56	0	123	25	227	20	0	272	9	260	4	0	273	737
3:00PM	16	26	6	0	48	7	16	12	0	35	22	145	10	0	177	5	104	11	0	120	380
3:15PM	16	20	7	0	43	5	16	12	0	33	18	130	11	0	159	3	121	3	0	127	362
3:30PM	9	28	3	0	40	8	25	35	0	68	21	126	18	0	165	6	143	8	0	157	430
3:45PM	10	28	3	0	41	10	24	19	0	53	22	192	11	0	225	2	115	7	0	124	443
Hourly Total	51	102	19	0	172	30	81	78	0	189	83	593	50	0	726	16	483	29	0	528	1615
4:00PM	14	38	4	0	56	5	24	22	0	51	29	231	12	0	272	2	148	6	0	156	535
4:15PM	11	41	5	0	57	5	23	20	0	48	45	182	14	0	241	3	144	13	1	161	507
4:30PM	12	33	4	0	49	9	29	24	0	62	40	191	21	0	252	3	154	16	0	173	536
4:45PM	20	34	5	0	59	10	22	14	0	46	49	205	18	0	272	2	145	5	1	153	530
Hourly Total	57	146	18	0	221	29	98	80	0	207	163	809	65	0	1037	10	591	40	2	643	2108
5:00PM	11	42	5	0	58	8	35	14	0	57	43	247	26	0	316	6	166	15	0	187	618
5:15PM	9	43	8	0	60	10	35	19	0	64	40	225	31	0	296	8	177	19	0	204	624
5:30PM	20	33	2	0	55	4	34	26	0	64	45	206	29	0	280	8	145	22	0	175	574
5:45PM	9	21	4	0	34	12	31	14	0	57	39	174	32	0	245	2	144	15	0	161	497
Hourly Total	49	139	19	0	207	34	135	73	0	242	167	852	118	0	1137	24	632	71	0	727	2313
6:00PM	11	32	10	0	53	8	14	18	0	40	24	160	17	0	201	5	142	12	0	159	453
6:15PM	14	19	3	0	36	7	25	15	0	47	26	146	9	0	181	3	136	16	0	155	419
6:30PM	7	19	4	0	30	7	22	13	0	42	43	155	18	0	216	2	100	4	0	106	394
6:45PM	13	30	2	0	45	4	23	8	0	35	20	147	9	0	176	5	89	13	1	108	364
Hourly Total	45	100	19	0	164	26	84	54	0	164	113	608	53	0	774	15	467	45	1	528	1630
7:00PM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0	2
Total	302	660	108	1	1071	231	590	561	0	1382	612	3779	378	1	4770	99	3463	214	3	3779	11002
% Approach	28.2%	61.6%	10.1%	0.1%	-	16.7%	42.7%	40.6%	0%	-	12.8%	79.2%	7.9%	0%	-	2.6%	91.6%	5.7%	0.1%	-	-
% Total	2.7%	6.0%	1.0%	0%	9.7%	2.1%	5.4%	5.1%	0%	12.6%	5.6%	34.3%	3.4%	0%	43.4%	0.9%	31.5%	1.9%	0%	34.3%	-
Lights and Motorcycles	295	653	105	1	1054	228	586	545	0	1359	592	3687	370	1	4650	95	3361	212	3	3671	10734
% Lights and Motorcycles	97.7%	98.9%	97.2%	100%	98.4%	98.7%	99.3%	97.1%	0%	98.3%	96.7%	97.6%	97.9%	100%	97.5%	96.0%	97.1%	99.1%	100%	97.1%	97.6%
Heavy	7	7	3	0	17	3	4	16	0	23	20	92	8	0	120	4	102	2	0	108	268
% Heavy	2.3%	1.1%	2.8%	0%	1.6%	1.3%	0.7%	2.9%	0%	1.7%	3.3%	2.4%	2.1%	0%	2.5%	4.0%	2.9%	0.9%	0%	2.9%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & PROMISE RD - TMC

Thu Jan 10, 2019

AM Peak (7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611113, Location: 40.000954, -85.970977, Site Code: i-198



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-10 7:00AM	19	26	4	0	49	19	31	31	0	81	8	119	15	0	142	2	160	2	0	164	436
7:15AM	11	19	9	0	39	19	22	39	0	80	20	123	10	0	153	5	200	9	0	214	486
7:30AM	16	31	5	1	53	21	18	44	0	83	12	128	10	1	151	6	165	4	0	175	462
7:45AM	13	31	4	0	48	11	28	38	0	77	13	145	9	0	167	8	171	4	0	183	475
Total	59	107	22	1	189	70	99	152	0	321	53	515	44	1	613	21	696	19	0	736	1859
% Approach	31.2%	56.6%	11.6%	0.5%	-	21.8%	30.8%	47.4%	0%	-	8.6%	84.0%	7.2%	0.2%	-	2.9%	94.6%	2.6%	0%	-	-
% Total	3.2%	5.8%	1.2%	0.1%	10.2%	3.8%	5.3%	8.2%	0%	17.3%	2.9%	27.7%	2.4%	0.1%	33.0%	1.1%	37.4%	1.0%	0%	39.6%	-
PHF	0.776	0.863	0.611	0.250	0.892	0.833	0.798	0.864	-	0.967	0.663	0.888	0.733	0.250	0.918	0.656	0.870	0.528	-	0.860	0.956
Lights and Motorcycles	59	107	21	1	188	70	97	151	0	318	51	499	42	1	593	20	675	19	0	714	1813
% Lights and Motorcycles	100%	100%	95.5%	100%	99.5%	100%	98.0%	99.3%	0%	99.1%	96.2%	96.9%	95.5%	100%	96.7%	95.2%	97.0%	100%	0%	97.0%	97.5%
Heavy	0	0	1	0	1	0	2	1	0	3	2	16	2	0	20	1	21	0	0	22	46
% Heavy	0%	0%	4.5%	0%	0.5%	0%	2.0%	0.7%	0%	0.9%	3.8%	3.1%	4.5%	0%	3.3%	4.8%	3.0%	0%	0%	3.0%	2.5%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & PROMISE RD - TMC

Thu Jan 10, 2019

PM Peak (4:45PM - 5:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611113, Location: 40.000954, -85.970977, Site Code: i-198



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-10 4:45PM	20	34	5	0	59	10	22	14	0	46	49	205	18	0	272	2	145	5	1	153	530
5:00PM	11	42	5	0	58	8	35	14	0	57	43	247	26	0	316	6	166	15	0	187	618
5:15PM	9	43	8	0	60	10	35	19	0	64	40	225	31	0	296	8	177	19	0	204	624
5:30PM	20	33	2	0	55	4	34	26	0	64	45	206	29	0	280	8	145	22	0	175	574
Total	60	152	20	0	232	32	126	73	0	231	177	883	104	0	1164	24	633	61	1	719	2346
% Approach	25.9%	65.5%	8.6%	0%	-	13.9%	54.5%	31.6%	0%	-	15.2%	75.9%	8.9%	0%	-	3.3%	88.0%	8.5%	0.1%	-	-
% Total	2.6%	6.5%	0.9%	0%	9.9%	1.4%	5.4%	3.1%	0%	9.8%	7.5%	37.6%	4.4%	0%	49.6%	1.0%	27.0%	2.6%	0%	30.6%	-
PHF	0.750	0.884	0.625	-	0.967	0.800	0.900	0.702	-	0.902	0.903	0.894	0.839	-	0.921	0.750	0.894	0.693	0.250	0.881	0.940
Lights and Motorcycles	60	151	20	0	231	31	126	72	0	229	177	875	103	0	1155	24	623	61	1	709	2324
% Lights and Motorcycles	100%	99.3%	100%	0%	99.6%	96.9%	100%	98.6%	0%	99.1%	100%	99.1%	99.0%	0%	99.2%	100%	98.4%	100%	100%	98.6%	99.1%
Heavy	0	1	0	0	1	1	0	1	0	2	0	8	1	0	9	0	10	0	0	10	22
% Heavy	0%	0.7%	0%	0%	0.4%	3.1%	0%	1.4%	0%	0.9%	0%	0.9%	1.0%	0%	0.8%	0%	1.6%	0%	0%	1.4%	0.9%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & CUMBERLAND RD - TMC

Tue Apr 16, 2019

Full Length (4 AM-4 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646159, Location: 40.001234, -85.994525, Site Code: i-199



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16																					
4:00AM	1	0	0	0	1	1	1	3	0	5	0	5	0	0	5	0	5	0	0	5	16
4:15AM	1	3	2	0	6	0	1	3	0	4	2	8	1	0	11	0	4	1	0	5	26
4:30AM	1	0	1	0	2	0	0	1	0	1	0	11	1	0	12	0	13	0	0	13	28
4:45AM	1	4	1	0	6	0	3	2	0	5	0	12	3	0	15	0	25	2	0	27	53
Hourly Total	4	7	4	0	15	1	5	9	0	15	2	36	5	0	43	0	47	3	0	50	123
5:00AM	0	2	0	0	2	1	1	4	0	6	4	11	3	0	18	2	12	2	0	16	42
5:15AM	3	6	4	0	13	0	2	7	0	9	0	19	1	0	20	1	32	1	0	34	76
5:30AM	4	7	2	0	13	0	8	3	0	11	7	26	4	0	37	5	39	3	0	47	108
5:45AM	4	8	5	0	17	2	5	10	0	17	7	30	9	0	46	11	52	3	0	66	146
Hourly Total	11	23	11	0	45	3	16	24	0	43	18	86	17	0	121	19	135	9	0	163	372
6:00AM	6	7	6	0	19	1	8	6	0	15	13	39	11	0	63	1	86	0	0	87	184
6:15AM	8	10	11	0	29	1	8	17	0	26	12	60	19	0	91	8	118	4	0	130	276
6:30AM	15	17	18	0	50	5	13	14	0	32	15	97	15	0	127	9	206	2	0	217	426
6:45AM	20	29	14	0	63	4	21	26	0	51	30	133	16	0	179	13	210	11	0	234	527
Hourly Total	49	63	49	0	161	11	50	63	0	124	70	329	61	0	460	31	620	17	0	668	1413
7:00AM	21	26	18	0	65	3	29	28	0	60	19	133	20	0	172	15	231	12	0	258	555
7:15AM	25	36	15	0	76	3	31	25	0	59	20	148	23	0	191	26	205	14	0	245	571
7:30AM	28	31	19	0	78	5	48	29	0	82	27	143	22	0	192	24	229	12	0	265	617
7:45AM	23	45	9	0	77	8	43	22	0	73	28	145	17	0	190	25	229	25	0	279	619
Hourly Total	97	138	61	0	296	19	151	104	0	274	94	569	82	0	745	90	894	63	0	1047	2362
8:00AM	25	38	20	0	83	11	34	20	0	65	19	166	15	0	200	15	193	27	0	235	583
8:15AM	26	29	11	0	66	10	29	31	0	70	21	129	26	0	176	12	183	14	0	209	521
8:30AM	22	38	9	0	69	3	32	20	0	55	38	130	46	0	214	29	225	27	0	281	619
8:45AM	23	50	13	0	86	6	38	18	0	62	26	127	21	0	174	25	149	19	0	193	515
Hourly Total	96	155	53	0	304	30	133	89	0	252	104	552	108	0	764	81	750	87	0	918	2238
9:00AM	19	32	13	0	64	4	31	27	0	62	20	98	23	0	141	17	157	7	0	181	448
9:15AM	17	30	12	0	59	5	18	21	0	44	15	90	11	0	116	8	130	15	1	154	373
9:30AM	15	24	15	0	54	6	22	19	0	47	10	113	19	0	142	12	133	17	0	162	405
9:45AM	16	33	9	0	58	6	20	14	0	40	9	118	14	1	142	21	121	8	0	150	390
Hourly Total	67	119	49	0	235	21	91	81	0	193	54	419	67	1	541	58	541	47	1	647	1616
10:00AM	18	15	13	0	46	4	19	22	0	45	16	98	6	0	120	11	103	9	0	123	334
10:15AM	13	18	12	0	43	9	20	20	0	49	12	149	11	0	172	5	94	6	0	105	369
10:30AM	11	14	11	0	36	8	11	13	0	32	16	95	18	0	129	15	101	5	1	122	319
10:45AM	17	22	12	0	51	7	24	15	0	46	13	107	14	0	134	20	114	12	0	146	377
Hourly Total	59	69	48	0	176	28	74	70	0	172	57	449	49	0	555	51	412	32	1	496	1399
11:00AM	19	27	8	0	54	9	19	23	0	51	10	104	16	0	130	10	117	1	0	128	363
11:15AM	9	20	13	0	42	5	23	16	0	44	14	123	16	0	153	6	121	5	0	132	371
11:30AM	12	24	14	0	50	11	26	21	0	58	15	138	19	0	172	14	112	11	0	137	417
11:45AM	23	21	19	0	63	4	20	22	0	46	17	117	18	0	152	14	116	4	0	134	395
Hourly Total	63	92	54	0	209	29	88	82	0	199	56	482	69	0	607	44	466	21	0	531	1546
12:00PM	19	28	19	0	66	8	42	30	0	80	24	130	16	0	170	18	114	9	0	141	457
12:15PM	13	39	14	0	66	5	30	31	0	66	24	157	26	0	207	19	118	6	0	143	482
12:30PM	19	27	19	0	65	3	24	25	0	52	27	159	23	0	209	14	97	7	0	118	444
12:45PM	26	58	13	0	97	7	36	20	0	63	29	152	18	0	199	10	126	7	0	143	502
Hourly Total	77	152	65	0	294	23	132	106	0	261	104	598	83	0	785	61	455	29	0	545	1885
1:00PM	14	32	15	0	61	8	25	19	0	52	22	119	23	0	164	10	115	8	0	133	410
1:15PM	18	27	8	0	53	2	32	31	0	65	23	109	27	0	159	17	126	5	0	148	425
1:30PM	16	18	10	0	44	11	21	17	0	49	31	132	23	0	186	14	119	4	0	137	416
1:45PM	17	25	16	0	58	7	40	21	0	68	21	133	27	0	181	19	136	15	0	170	477
Hourly Total	65	102	49	0	216	28	118	88	0	234	97	493	100	0	690	60	496	32	0	588	1728
2:00PM	28	26	17	0	71	7	26	14	0	47	19	133	20	0	172	16	124	8	0	148	438
2:15PM	14	19	20	0	53	9	32	14	0	55	14	142	23	0	179	27	115	2	0	144	431
2:30PM	19	25	13	0	57	12	21	18	0	51	16	169	23	0	208	11	124	11	0	146	462
2:45PM	16	24	10	0	50	11	38	27	0	76	25	153	32	0	210	9	120	11	0	140	476
Hourly Total	77	94	60	0	231	39	117	73	0	229	74	597	98	0	769	63	483	32	0	578	1807
3:00PM	13	40	21	0	74	12	18	38	0	68	32	185	29	0	246	13	140	3	0	156	544

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
3:15PM	15	39	21	0	75	9	29	26	0	64	22	162	35	0	219	15	152	7	0	174	532	
3:30PM	13	34	14	0	61	5	41	37	0	83	18	219	34	0	271	19	158	12	0	189	604	
3:45PM	33	44	18	0	95	11	44	41	0	96	26	234	42	0	302	24	190	9	0	223	716	
Hourly Total	74	157	74	0	305	37	132	142	0	311	98	800	140	0	1038	71	640	31	0	742	2396	
4:00PM	31	63	23	0	117	15	52	49	0	116	34	217	39	0	290	29	186	10	0	225	748	
4:15PM	38	60	26	0	124	6	39	38	0	83	33	221	40	0	294	30	197	17	0	244	745	
4:30PM	31	72	29	0	132	18	43	32	0	93	26	276	41	0	343	11	175	9	0	195	763	
4:45PM	47	66	27	0	140	9	45	28	0	82	35	286	59	0	380	18	159	9	0	186	788	
Hourly Total	147	261	105	0	513	48	179	147	0	374	128	1000	179	0	1307	88	717	45	0	850	3044	
5:00PM	44	68	21	0	133	31	49	37	0	117	34	271	55	0	360	20	151	11	0	182	792	
5:15PM	31	79	21	0	131	21	54	27	0	102	18	311	55	0	384	24	199	14	0	237	854	
5:30PM	24	63	16	0	103	27	44	33	0	104	41	287	41	0	369	19	149	13	0	181	757	
5:45PM	19	65	14	0	98	11	31	22	0	64	28	276	53	0	357	12	156	15	0	183	702	
Hourly Total	118	275	72	0	465	90	178	119	0	387	121	1145	204	0	1470	75	655	53	0	783	3105	
6:00PM	32	60	25	0	117	15	35	21	0	71	26	293	49	0	368	25	155	4	0	184	740	
6:15PM	29	46	18	0	93	11	35	20	0	66	22	272	39	0	333	16	169	7	0	192	684	
6:30PM	26	31	19	0	76	16	14	21	0	51	25	219	36	0	280	18	143	19	0	180	587	
6:45PM	11	30	7	0	48	7	10	16	0	33	24	221	43	0	288	13	129	11	1	154	523	
Hourly Total	98	167	69	0	334	49	94	78	0	221	97	1005	167	0	1269	72	596	41	1	710	2534	
7:00PM	16	32	12	0	60	9	20	12	0	41	17	154	24	0	195	7	120	5	0	132	428	
7:15PM	15	23	12	0	50	5	27	4	0	36	21	166	24	0	211	8	82	12	0	102	399	
7:30PM	25	29	10	0	64	8	25	13	0	46	13	137	31	0	181	12	119	3	0	134	425	
7:45PM	13	13	13	0	39	8	23	15	0	46	17	148	24	0	189	5	93	3	0	101	375	
Hourly Total	69	97	47	0	213	30	95	44	0	169	68	605	103	0	776	32	414	23	0	469	1627	
8:00PM	6	19	17	0	42	9	29	6	0	44	17	159	23	0	199	15	104	1	0	120	405	
8:15PM	12	16	13	0	41	5	17	15	0	37	16	165	23	0	204	8	102	8	0	118	400	
8:30PM	6	16	6	0	28	11	13	11	0	35	19	127	23	0	169	15	96	9	1	121	353	
8:45PM	9	8	5	0	22	1	13	6	0	20	17	121	21	0	159	8	85	1	0	94	295	
Hourly Total	33	59	41	0	133	26	72	38	0	136	69	572	90	0	731	46	387	19	1	453	1453	
9:00PM	6	15	11	0	32	3	9	8	0	20	17	100	14	0	131	10	63	1	0	74	257	
9:15PM	5	13	5	0	23	1	10	6	0	17	9	91	12	0	112	12	63	2	0	77	229	
9:30PM	2	11	11	0	24	0	10	5	0	15	11	89	11	0	111	10	37	5	0	52	202	
9:45PM	7	9	11	0	27	0	17	8	0	25	11	98	16	0	125	8	63	0	0	71	248	
Hourly Total	20	48	38	0	106	4	46	27	0	77	48	378	53	0	479	40	226	8	0	274	936	
10:00PM	3	8	6	0	17	1	13	7	0	21	7	56	5	0	68	4	30	2	0	36	142	
10:15PM	7	6	2	0	15	0	6	7	0	13	5	55	7	0	67	6	41	2	0	49	144	
10:30PM	4	5	10	0	19	2	6	3	0	11	6	43	2	0	51	6	21	1	0	28	109	
10:45PM	1	5	3	0	9	0	5	2	0	7	3	32	3	0	38	4	24	2	0	30	84	
Hourly Total	15	24	21	0	60	3	30	19	0	52	21	186	17	0	224	20	116	7	0	143	479	
11:00PM	0	5	2	0	7	0	2	5	0	7	5	36	3	0	44	2	13	0	0	15	73	
11:15PM	2	3	2	0	7	1	0	0	0	1	6	17	3	0	26	2	14	0	0	16	50	
11:30PM	3	0	3	0	6	2	2	1	0	5	3	25	1	0	29	0	15	0	0	15	55	
11:45PM	0	8	0	0	8	0	0	1	0	1	6	14	1	0	21	4	10	2	0	16	46	
Hourly Total	5	16	7	0	28	3	4	7	0	14	20	92	8	0	120	8	52	2	0	62	224	
2019-04-17																						
12:00AM	0	4	4	0	8	1	2	7	0	10	3	17	3	0	23	1	9	2	0	12	53	
12:15AM	0	3	0	0	3	0	1	1	0	2	7	15	2	0	24	2	7	0	0	9	38	
12:30AM	1	0	0	0	1	0	2	1	0	3	1	4	3	0	8	0	7	0	0	7	19	
12:45AM	0	1	0	0	1	0	1	1	0	2	2	8	1	0	11	0	0	0	0	0	14	
Hourly Total	1	8	4	0	13	1	6	10	0	17	13	44	9	0	66	3	23	2	0	28	124	
1:00AM	0	1	0	0	1	0	0	1	0	1	1	7	1	0	9	0	1	0	0	1	12	
1:15AM	0	0	1	0	1	0	0	2	0	2	2	5	0	0	7	0	3	0	0	3	13	
1:30AM	0	1	0	0	1	0	0	0	0	0	1	7	2	0	10	0	5	0	0	5	16	
1:45AM	0	1	0	0	1	0	1	1	0	2	0	3	0	0	3	1	3	0	0	4	10	
Hourly Total	0	3	1	0	4	0	1	4	0	5	4	22	3	0	29	1	12	0	0	13	51	
2:00AM	0	1	0	0	1	1	0	0	0	1	1	2	0	0	3	0	3	0	0	3	8	
2:15AM	0	2	1	0	3	0	1	1	0	2	1	3	0	0	4	1	2	0	0	3	12	
2:30AM	0	1	2	0	3	0	0	0	0	0	0	4	1	0	5	0	9	0	0	9	17	
2:45AM	1	0	0	0	1	0	0	2	0	2	0	4	0	0	4	0	6	0	0	6	13	
Hourly Total	1	4	3	0	8	1	1	3	0	5	2	13	1	0	16	1	20	0	0	21	50	
3:00AM	0	0	0	0	0	0	0	1	0	1	0	3	0	0	3	0	7	0	0	7	11	
3:15AM	0	0	1	0	1	0	1	0	0	1	2	5	1	0	8	0	7	0	0	7	17	
3:30AM	0	1	0	0	1	0	0	1	0	1	3	1	1	0	5	0	11	1	0	12	19	

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
3:45AM	1	0	0	0	1	0	0	3	0	3	0	7	0	0	7	1	2	0	0	3	14
Hourly Total	1	1	1	0	3	0	1	5	0	6	5	16	2	0	23	1	27	1	0	29	61
Total	1247	2134	986	0	4367	524	1814	1432	0	3770	1424	10488	1715	1	13628	1016	9184	604	4	10808	32573
% Approach	28.6%	48.9%	22.6%	0%	-	13.9%	48.1%	38.0%	0%	-	10.4%	77.0%	12.6%	0%	-	9.4%	85.0%	5.6%	0%	-	-
% Total	3.8%	6.6%	3.0%	0%	13.4%	1.6%	5.6%	4.4%	0%	11.6%	4.4%	32.2%	5.3%	0%	41.8%	3.1%	28.2%	1.9%	0%	33.2%	-
Lights and Motorcycles	1223	2094	928	0	4245	499	1793	1391	0	3683	1383	10073	1672	1	13129	968	8823	581	4	10376	31433
% Lights and Motorcycles	98.1%	98.1%	94.1%	0%	97.2%	95.2%	98.8%	97.1%	0%	97.7%	97.1%	96.0%	97.5%	100%	96.3%	95.3%	96.1%	96.2%	100%	96.0%	96.5%
Heavy	24	40	58	0	122	25	21	41	0	87	41	415	43	0	499	48	361	23	0	432	1140
% Heavy	1.9%	1.9%	5.9%	0%	2.8%	4.8%	1.2%	2.9%	0%	2.3%	2.9%	4.0%	2.5%	0%	3.7%	4.7%	3.9%	3.8%	0%	4.0%	3.5%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & CUMBERLAND RD - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646159, Location: 40.001234, -85.994525, Site Code: i-199



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-16																						
7:15AM	25	36	15	0	76	3	31	25	0	59	20	148	23	0	191	26	205	14	0	245	571	
7:30AM	28	31	19	0	78	5	48	29	0	82	27	143	22	0	192	24	229	12	0	265	617	
7:45AM	23	45	9	0	77	8	43	22	0	73	28	145	17	0	190	25	229	25	0	279	619	
8:00AM	25	38	20	0	83	11	34	20	0	65	19	166	15	0	200	15	193	27	0	235	583	
Total	101	150	63	0	314	27	156	96	0	279	94	602	77	0	773	90	856	78	0	1024	2390	
% Approach	32.2%	47.8%	20.1%	0%	-	9.7%	55.9%	34.4%	0%	-	12.2%	77.9%	10.0%	0%	-	8.8%	83.6%	7.6%	0%	-	-	
% Total	4.2%	6.3%	2.6%	0%	13.1%	1.1%	6.5%	4.0%	0%	11.7%	3.9%	25.2%	3.2%	0%	32.3%	3.8%	35.8%	3.3%	0%	42.8%	-	
PHF	0.902	0.833	0.788	-	0.946	0.614	0.813	0.828	-	0.851	0.839	0.907	0.837	-	0.966	0.865	0.934	0.722	-	0.918	0.965	
Lights and Motorcycles	99	146	54	0	299	27	155	95	0	277	90	564	74	0	728	87	822	74	0	983	2287	
% Lights and Motorcycles	98.0%	97.3%	85.7%	0%	95.2%	100%	99.4%	99.0%	0%	99.3%	95.7%	93.7%	96.1%	0%	94.2%	96.7%	96.0%	94.9%	0%	96.0%	95.7%	
Heavy	2	4	9	0	15	0	1	1	0	2	4	38	3	0	45	3	34	4	0	41	103	
% Heavy	2.0%	2.7%	14.3%	0%	4.8%	0%	0.6%	1.0%	0%	0.7%	4.3%	6.3%	3.9%	0%	5.8%	3.3%	4.0%	5.1%	0%	4.0%	4.3%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & CUMBERLAND RD - TMC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 4:30PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646159, Location: 40.001234, -85.994525, Site Code: i-199



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 4:30PM	31	72	29	0	132	18	43	32	0	93	26	276	41	0	343	11	175	9	0	195	763
4:45PM	47	66	27	0	140	9	45	28	0	82	35	286	59	0	380	18	159	9	0	186	788
5:00PM	44	68	21	0	133	31	49	37	0	117	34	271	55	0	360	20	151	11	0	182	792
5:15PM	31	79	21	0	131	21	54	27	0	102	18	311	55	0	384	24	199	14	0	237	854
Total	153	285	98	0	536	79	191	124	0	394	113	1144	210	0	1467	73	684	43	0	800	3197
% Approach	28.5%	53.2%	18.3%	0%	-	20.1%	48.5%	31.5%	0%	-	7.7%	78.0%	14.3%	0%	-	9.1%	85.5%	5.4%	0%	-	-
% Total	4.8%	8.9%	3.1%	0%	16.8%	2.5%	6.0%	3.9%	0%	12.3%	3.5%	35.8%	6.6%	0%	45.9%	2.3%	21.4%	1.3%	0%	25.0%	-
PHF	0.814	0.902	0.845	-	0.957	0.637	0.884	0.838	-	0.842	0.807	0.920	0.890	-	0.955	0.760	0.859	0.768	-	0.844	0.936
Lights and Motorcycles	153	285	94	0	532	78	190	122	0	390	112	1132	207	0	1451	72	672	39	0	783	3156
% Lights and Motorcycles	100%	100%	95.9%	0%	99.3%	98.7%	99.5%	98.4%	0%	99.0%	99.1%	99.0%	98.6%	0%	98.9%	98.6%	98.2%	90.7%	0%	97.9%	98.7%
Heavy	0	0	4	0	4	1	1	2	0	4	1	12	3	0	16	1	12	4	0	17	41
% Heavy	0%	0%	4.1%	0%	0.7%	1.3%	0.5%	1.6%	0%	1.0%	0.9%	1.0%	1.4%	0%	1.1%	1.4%	1.8%	9.3%	0%	2.1%	1.3%

* L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(200) SR 37 & 146th St
5/16/2019
Miovision

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:15 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:15 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	484	732	239	1455					495	1106	257
SOUTHBOUND	103	758	473	1334					256	1121	286	1663
EASTBOUND	193	700	347	1240					353	1059	398	1810
WESTBOUND	207	769	59	1035					195	673	113	981

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
	NORTHBOUND	0.88	0.94			0.98
SOUTHBOUND	0.93				0.97	
EASTBOUND	0.90				0.95	
WESTBOUND	0.93				0.95	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
	NORTHBOUND	5.0%	5.5%	4.6%	5.2%					2.4%	1.9%	1.6%
SOUTHBOUND	1.9%	4.7%	4.2%	4.3%					0.8%	2.5%	3.1%	2.3%
EASTBOUND	3.1%	4.3%	7.8%	5.1%					1.7%	3.1%	7.0%	3.7%
WESTBOUND	2.4%	3.3%	8.5%	3.4%					2.6%	4.3%	1.8%	3.7%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	556	470	1026	458	550	1008	2034
7:00 AM	TO	8:00 AM	1416	1265	2681	1155	1033	2188	4869
8:00 AM	TO	9:00 AM	678	615	1293	578	573	1151	2444
3:00 PM	TO	4:00 PM	1586	1653	3239	1613	1061	2674	5913
4:00 PM	TO	5:00 PM	1794	1619	3413	1824	1000	2824	6237
5:00 PM	TO	6:00 PM	1613	1487	3100	1520	900	2420	5520
6:00 PM	TO	7:00 PM	1532	1517	3049	1553	803	2356	5405
TOTAL VOLUME			9175	8626	17801	8701	5920	14621	32422
PERCENTAGE			28.3%	26.6%	54.9%	26.8%	18.3%	45.1%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(200) SR 37 & 146th St
5/16/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	144	18	162	241	18	259	131	4	135	516	40	556
7:00 AM - 8:00 AM	456	25	481	668	33	701	224	10	234	1348	68	1416
8:00 AM - 9:00 AM	187	18	205	329	30	359	106	8	114	622	56	678
PM TIME PERIOD												
3:00 PM - 4:00 PM	324	17	341	999	41	1040	200	5	205	1523	63	1586
4:00 PM - 5:00 PM	450	18	468	1051	21	1072	250	4	254	1751	43	1794
5:00 PM - 6:00 PM	369	8	377	925	20	945	289	2	291	1583	30	1613
6:00 PM - 7:00 PM	340	14	354	873	18	891	285	2	287	1498	34	1532
PASSENGER	2270 95.1%			5086 96.6%			1485 97.7%			8841 96.4%		
TRUCK	118 4.9%			181 3.4%			35 2.3%			334 3.6%		
BOTH	2388 26.0%			5267 57.4%			1520 16.6%			9175 100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	30	1	31	238	17	255	177	7	184	445	25	470
7:00 AM - 8:00 AM	86	3	89	694	28	722	441	13	454	1221	44	1265
8:00 AM - 9:00 AM	60	2	62	337	27	364	175	14	189	572	43	615
PM TIME PERIOD												
3:00 PM - 4:00 PM	257	8	265	965	45	1010	367	11	378	1589	64	1653
4:00 PM - 5:00 PM	234	1	235	1087	28	1115	261	8	269	1582	37	1619
5:00 PM - 6:00 PM	270	3	273	922	20	942	265	7	272	1457	30	1487
6:00 PM - 7:00 PM	348	0	348	876	17	893	272	4	276	1496	21	1517
PASSENGER	1285 98.6%			5119 96.6%			1958 96.8%			8362 96.9%		
TRUCK	18 1.4%			182 3.4%			64 3.2%			264 3.1%		
BOTH	1303 15.1%			5301 61.5%			2022 23.4%			8626 100.0%		

DIRECTION OF TRAVEL : EASTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	52	0	52	249	8	257	144	5	149	445	13	458
7:00 AM - 8:00 AM	191	4	195	597	26	623	316	21	337	1104	51	1155
8:00 AM - 9:00 AM	71	5	76	299	17	316	172	14	186	542	36	578
PM TIME PERIOD												
3:00 PM - 4:00 PM	312	8	320	874	40	914	350	29	379	1536	77	1613
4:00 PM - 5:00 PM	366	10	376	995	38	1033	380	35	415	1741	83	1824
5:00 PM - 6:00 PM	254	2	256	945	14	959	290	15	305	1489	31	1520
6:00 PM - 7:00 PM	244	4	248	1040	8	1048	252	5	257	1536	17	1553
PASSENGER	1490 97.8%			4999 97.1%			1904 93.9%			8393 96.5%		
TRUCK	33 2.2%			151 2.9%			124 6.1%			308 3.5%		
BOTH	1523 17.5%			5150 59.2%			2028 23.3%			8701 100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	134	2	136	383	11	394	20	0	20	537	13	550
7:00 AM - 8:00 AM	207	3	210	735	28	763	56	4	60	998	35	1033
8:00 AM - 9:00 AM	127	3	130	396	17	413	26	4	30	549	24	573
PM TIME PERIOD												
3:00 PM - 4:00 PM	241	4	245	618	45	663	150	3	153	1009	52	1061
4:00 PM - 5:00 PM	204	3	207	640	36	676	113	4	117	957	43	1000
5:00 PM - 6:00 PM	191	3	194	595	12	607	98	1	99	884	16	900
6:00 PM - 7:00 PM	164	3	167	522	8	530	105	1	106	791	12	803
PASSENGER	1268 98.4%			3889 96.1%			568 97.1%			5725 96.7%		
TRUCK	21 1.6%			157 3.9%			17 2.9%			195 3.3%		
BOTH	1289 21.8%			4046 68.3%			585 9.9%			5920 100.0%		

146th ST & HERRIMAN BLVD - TMC

Thu Feb 28, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641156, Location: 40.000798, -86.006776, Site Code: i-201



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-28																					
6:30AM	2	1	0	0	3	14	0	9	0	23	22	182	3	0	207	19	255	53	0	327	560
6:45AM	2	1	1	0	4	20	1	12	0	33	18	186	3	0	207	15	280	38	1	334	578
Hourly Total	4	2	1	0	7	34	1	21	0	56	40	368	6	0	414	34	535	91	1	661	1138
7:00AM	2	3	1	0	6	50	1	20	0	71	17	212	1	0	230	9	330	51	3	393	700
7:15AM	6	0	1	0	7	25	1	14	0	40	33	244	4	0	281	13	408	50	0	471	799
7:30AM	3	1	2	0	6	30	1	13	0	44	15	245	2	0	262	8	386	52	2	448	760
7:45AM	6	5	1	0	12	20	1	16	0	37	34	257	2	0	293	9	338	43	0	390	732
Hourly Total	17	9	5	0	31	125	4	63	0	192	99	958	9	0	1066	39	1462	196	5	1702	2991
8:00AM	3	4	0	0	7	30	1	17	0	48	15	238	2	0	255	9	310	47	1	367	677
8:15AM	5	0	2	0	7	29	1	15	0	45	17	241	4	0	262	10	315	39	3	367	681
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	8	4	2	0	14	59	2	32	0	93	32	479	6	0	517	19	625	86	4	734	1358
3:00PM	2	1	4	0	7	82	0	28	0	110	22	245	1	0	268	7	209	27	2	245	630
3:15PM	1	0	2	0	3	36	0	21	0	57	20	239	1	0	260	4	235	23	2	264	584
3:30PM	9	1	15	0	25	44	1	17	0	62	6	305	3	0	314	4	236	31	2	273	674
3:45PM	3	1	3	0	7	36	0	21	0	57	31	328	1	1	361	14	233	35	1	283	708
Hourly Total	15	3	24	0	42	198	1	87	0	286	79	1117	6	1	1203	29	913	116	7	1065	2596
4:00PM	4	1	6	0	11	51	0	15	0	66	21	297	4	0	322	3	258	29	2	292	691
4:15PM	1	0	3	0	4	56	2	20	0	78	30	381	3	0	414	4	279	42	1	326	822
4:30PM	4	0	7	0	11	58	1	19	0	78	31	395	3	0	429	7	290	38	2	337	855
4:45PM	7	0	4	0	11	73	1	28	0	102	22	394	0	0	416	5	276	53	2	336	865
Hourly Total	16	1	20	0	37	238	4	82	0	324	104	1467	10	0	1581	19	1103	162	7	1291	3233
5:00PM	3	1	4	0	8	82	3	44	0	129	23	401	0	0	424	8	324	39	2	373	934
5:15PM	3	2	6	0	11	47	1	28	0	76	11	438	3	0	452	2	331	34	0	367	906
5:30PM	3	1	4	0	8	33	0	18	0	51	20	422	1	0	443	9	304	35	2	350	852
5:45PM	3	2	2	0	7	32	2	20	0	54	22	358	3	0	383	4	271	46	0	321	765
Hourly Total	12	6	16	0	34	194	6	110	0	310	76	1619	7	0	1702	23	1230	154	4	1411	3457
6:00PM	2	3	1	0	6	45	4	17	0	66	22	353	1	0	376	8	242	30	2	282	730
6:15PM	5	3	1	0	9	30	2	12	0	44	19	311	1	0	331	3	238	45	1	287	671
6:30PM	5	2	1	0	8	38	1	9	0	48	20	256	0	0	276	7	223	28	1	259	591
6:45PM	4	1	0	0	5	35	1	14	0	50	16	227	0	0	243	2	181	38	2	223	521
Hourly Total	16	9	3	0	28	148	8	52	0	208	77	1147	2	0	1226	20	884	141	6	1051	2513
Total	88	34	71	0	193	996	26	447	0	1469	507	7155	46	1	7709	183	6752	946	34	7915	17286
% Approach	45.6%	17.6%	36.8%	0%	-	67.8%	1.8%	30.4%	0%	-	6.6%	92.8%	0.6%	0%	-	2.3%	85.3%	12.0%	0.4%	-	-
% Total	0.5%	0.2%	0.4%	0%	1.1%	5.8%	0.2%	2.6%	0%	8.5%	2.9%	41.4%	0.3%	0%	44.6%	1.1%	39.1%	5.5%	0.2%	45.8%	-
Lights and Motorcycles	86	33	69	0	188	933	23	431	0	1387	488	6972	45	1	7506	176	6593	895	32	7696	16777
% Lights and Motorcycles	97.7%	97.1%	97.2%	0%	97.4%	93.7%	88.5%	96.4%	0%	94.4%	96.3%	97.4%	97.8%	100%	97.4%	96.2%	97.6%	94.6%	94.1%	97.2%	97.1%
Heavy	2	1	2	0	5	63	3	16	0	82	19	183	1	0	203	7	159	51	2	219	509
% Heavy	2.3%	2.9%	2.8%	0%	2.6%	6.3%	11.5%	3.6%	0%	5.6%	3.7%	2.6%	2.2%	0%	2.6%	3.8%	2.4%	5.4%	5.9%	2.8%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

146th ST & HERRIMAN BLVD - TMC

Thu Feb 28, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641156, Location: 40.000798, -86.006776, Site Code: i-201



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-02-28 7:00AM	2	3	1	0	6	50	1	20	0	71	17	212	1	0	230	9	330	51	3	393	700
7:15AM	6	0	1	0	7	25	1	14	0	40	33	244	4	0	281	13	408	50	0	471	799
7:30AM	3	1	2	0	6	30	1	13	0	44	15	245	2	0	262	8	386	52	2	448	760
7:45AM	6	5	1	0	12	20	1	16	0	37	34	257	2	0	293	9	338	43	0	390	732
Total	17	9	5	0	31	125	4	63	0	192	99	958	9	0	1066	39	1462	196	5	1702	2991
% Approach	54.8%	29.0%	16.1%	0%	-	65.1%	2.1%	32.8%	0%	-	9.3%	89.9%	0.8%	0%	-	2.3%	85.9%	11.5%	0.3%	-	-
% Total	0.6%	0.3%	0.2%	0%	1.0%	4.2%	0.1%	2.1%	0%	6.4%	3.3%	32.0%	0.3%	0%	35.6%	1.3%	48.9%	6.6%	0.2%	56.9%	-
PHF	0.708	0.450	0.625	-	0.646	0.625	1.000	0.788	-	0.676	0.728	0.932	0.563	-	0.910	0.750	0.896	0.942	0.417	0.903	0.936
Lights and Motorcycles	16	9	5	0	30	108	4	57	0	169	97	919	9	0	1025	39	1433	191	5	1668	2892
% Lights and Motorcycles	94.1%	100%	100%	0%	96.8%	86.4%	100%	90.5%	0%	88.0%	98.0%	95.9%	100%	0%	96.2%	100%	98.0%	97.4%	100%	98.0%	96.7%
Heavy	1	0	0	0	1	17	0	6	0	23	2	39	0	0	41	0	29	5	0	34	99
% Heavy	5.9%	0%	0%	0%	3.2%	13.6%	0%	9.5%	0%	12.0%	2.0%	4.1%	0%	0%	3.8%	0%	2.0%	2.6%	0%	2.0%	3.3%

*L: Left, R: Right, T: Thru, U: U-Turn

146th ST & HERRIMAN BLVD - TMC

Thu Feb 28, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641156, Location: 40.000798, -86.006776, Site Code: i-201



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-02-28																						
4:30PM	4	0	7	0	11	58	1	19	0	78	31	395	3	0	429	7	290	38	2	337	855	
4:45PM	7	0	4	0	11	73	1	28	0	102	22	394	0	0	416	5	276	53	2	336	865	
5:00PM	3	1	4	0	8	82	3	44	0	129	23	401	0	0	424	8	324	39	2	373	934	
5:15PM	3	2	6	0	11	47	1	28	0	76	11	438	3	0	452	2	331	34	0	367	906	
Total	17	3	21	0	41	260	6	119	0	385	87	1628	6	0	1721	22	1221	164	6	1413	3560	
% Approach	41.5%	7.3%	51.2%	0%	-	67.5%	1.6%	30.9%	0%	-	5.1%	94.6%	0.3%	0%	-	1.6%	86.4%	11.6%	0.4%	-	-	
% Total	0.5%	0.1%	0.6%	0%	1.2%	7.3%	0.2%	3.3%	0%	10.8%	2.4%	45.7%	0.2%	0%	48.3%	0.6%	34.3%	4.6%	0.2%	39.7%	-	
PHF	0.607	0.375	0.750	-	0.932	0.793	0.500	0.676	-	0.746	0.702	0.929	0.500	-	0.952	0.688	0.922	0.774	0.750	0.947	0.953	
Lights and Motorcycles	16	3	21	0	40	251	5	117	0	373	82	1603	6	0	1691	22	1199	153	6	1380	3484	
% Lights and Motorcycles	94.1%	100%	100%	0%	97.6%	96.5%	83.3%	98.3%	0%	96.9%	94.3%	98.5%	100%	0%	98.3%	100%	98.2%	93.3%	100%	97.7%	97.9%	
Heavy	1	0	0	0	1	9	1	2	0	12	5	25	0	0	30	0	22	11	0	33	76	
% Heavy	5.9%	0%	0%	0%	2.4%	3.5%	16.7%	1.7%	0%	3.1%	5.7%	1.5%	0%	0%	1.7%	0%	1.8%	6.7%	0%	2.3%	2.1%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & ALLISONVILLE RD - TMC

Thu Jan 24, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619348, Location: 40.000383, -86.019323, Site Code: i-202



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-24																					
6:30AM	28	11	12	0	51	14	43	28	0	85	6	150	43	0	199	21	213	10	0	244	579
6:45AM	35	20	18	0	73	18	57	26	0	101	16	178	51	0	245	19	225	22	0	266	685
Hourly Total	63	31	30	0	124	32	100	54	0	186	22	328	94	0	444	40	438	32	0	510	1264
7:00AM	51	17	9	0	77	17	69	39	0	125	31	186	57	0	274	21	309	10	0	340	816
7:15AM	70	24	8	0	102	23	79	48	0	150	17	232	69	0	318	21	354	21	0	396	966
7:30AM	68	27	11	0	106	25	79	59	0	163	19	217	80	0	316	27	370	8	0	405	990
7:45AM	77	33	19	0	129	26	77	36	0	139	23	236	90	0	349	23	367	13	0	403	1020
Hourly Total	266	101	47	0	414	91	304	182	0	577	90	871	296	0	1257	92	1400	52	0	1544	3792
8:00AM	56	34	11	0	101	23	77	36	0	136	19	222	62	0	303	23	318	13	0	354	894
8:15AM	49	37	12	0	98	20	69	38	0	127	31	226	72	0	329	17	267	9	0	293	847
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Hourly Total	105	71	23	0	199	43	146	74	0	263	50	448	134	0	632	41	585	22	0	648	1742
3:00PM	52	49	38	0	139	21	44	47	0	112	30	209	53	0	292	13	225	27	0	265	808
3:15PM	57	66	22	0	145	25	72	39	0	136	34	235	52	0	321	24	199	24	0	247	849
3:30PM	58	62	42	0	162	27	71	55	0	153	39	222	58	0	319	30	200	35	0	265	899
3:45PM	49	62	36	0	147	29	63	35	0	127	55	325	68	0	448	23	221	51	0	295	1017
Hourly Total	216	239	138	0	593	102	250	176	0	528	158	991	231	0	1380	90	845	137	0	1072	3573
4:00PM	77	78	39	0	194	25	64	34	0	123	36	277	49	0	362	11	249	61	0	321	1000
4:15PM	65	95	33	0	193	38	64	33	0	135	47	307	74	0	428	17	215	57	0	289	1045
4:30PM	77	76	23	0	176	36	64	45	0	145	50	317	76	0	443	19	247	43	0	309	1073
4:45PM	79	83	26	0	188	34	53	46	0	133	58	318	71	0	447	22	251	48	0	321	1089
Hourly Total	298	332	121	0	751	133	245	158	0	536	191	1219	270	0	1680	69	962	209	0	1240	4207
5:00PM	86	78	35	0	199	37	95	54	0	186	45	337	73	0	455	9	268	49	0	326	1166
5:15PM	91	92	28	0	211	32	77	44	0	153	32	330	65	0	427	22	247	44	0	313	1104
5:30PM	69	100	19	0	188	18	53	32	0	103	53	347	78	0	478	24	271	30	0	325	1094
5:45PM	68	96	36	0	200	25	42	26	0	93	38	374	82	0	494	10	230	28	0	268	1055
Hourly Total	314	366	118	0	798	112	267	156	0	535	168	1388	298	0	1854	65	1016	151	0	1232	4419
6:00PM	48	53	26	0	127	12	37	32	0	81	36	305	68	0	409	13	182	25	0	220	837
6:15PM	47	50	34	0	131	17	35	18	0	70	32	242	50	0	324	8	214	15	0	237	762
6:30PM	66	67	45	0	178	15	31	9	0	55	20	253	55	0	328	13	199	13	0	225	786
6:45PM	53	38	22	0	113	12	23	15	0	50	19	193	45	0	257	12	161	17	0	190	610
Hourly Total	214	208	127	0	549	56	126	74	0	256	107	993	218	0	1318	46	756	70	0	872	2995
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1476	1348	604	0	3428	569	1438	874	0	2881	786	6238	1541	0	8565	443	6002	673	0	7118	21992
% Approach	43.1%	39.3%	17.6%	0%	-	19.8%	49.9%	30.3%	0%	-	9.2%	72.8%	18.0%	0%	-	6.2%	84.3%	9.5%	0%	-	-
% Total	6.7%	6.1%	2.7%	0%	15.6%	2.6%	6.5%	4.0%	0%	13.1%	3.6%	28.4%	7.0%	0%	38.9%	2.0%	27.3%	3.1%	0%	32.4%	-
Lights and Motorcycles	1464	1334	590	0	3388	541	1420	847	0	2808	769	6118	1522	0	8409	431	5870	650	0	6951	21556
% Lights and Motorcycles	99.2%	99.0%	97.7%	0%	98.8%	95.1%	98.7%	96.9%	0%	97.5%	97.8%	98.1%	98.8%	0%	98.2%	97.3%	97.8%	96.6%	0%	97.7%	98.0%
Heavy	12	14	14	0	40	28	18	27	0	73	17	120	19	0	156	12	132	23	0	167	436
% Heavy	0.8%	1.0%	2.3%	0%	1.2%	4.9%	1.3%	3.1%	0%	2.5%	2.2%	1.9%	1.2%	0%	1.8%	2.7%	2.2%	3.4%	0%	2.3%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & ALLISONVILLE RD - TMC

Thu Jan 24, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619348, Location: 40.000383, -86.019323, Site Code: i-202



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-24																						
7:15AM	70	24	8	0	102	23	79	48	0	150	17	232	69	0	318	21	354	21	0	396	966	
7:30AM	68	27	11	0	106	25	79	59	0	163	19	217	80	0	316	27	370	8	0	405	990	
7:45AM	77	33	19	0	129	26	77	36	0	139	23	236	90	0	349	23	367	13	0	403	1020	
8:00AM	56	34	11	0	101	23	77	36	0	136	19	222	62	0	303	23	318	13	0	354	894	
Total	271	118	49	0	438	97	312	179	0	588	78	907	301	0	1286	94	1409	55	0	1558	3870	
% Approach	61.9%	26.9%	11.2%	0%	-	16.5%	53.1%	30.4%	0%	-	6.1%	70.5%	23.4%	0%	-	6.0%	90.4%	3.5%	0%	-	-	
% Total	7.0%	3.0%	1.3%	0%	11.3%	2.5%	8.1%	4.6%	0%	15.2%	2.0%	23.4%	7.8%	0%	33.2%	2.4%	36.4%	1.4%	0%	40.3%	-	
PHF	0.880	0.868	0.645	-	0.849	0.933	0.987	0.758	-	0.902	0.848	0.961	0.836	-	0.921	0.870	0.952	0.655	-	0.962	0.949	
Lights and Motorcycles	271	116	47	0	434	87	311	172	0	570	77	888	297	0	1262	93	1363	51	0	1507	3773	
% Lights and Motorcycles	100%	98.3%	95.9%	0%	99.1%	89.7%	99.7%	96.1%	0%	96.9%	98.7%	97.9%	98.7%	0%	98.1%	98.9%	96.7%	92.7%	0%	96.7%	97.5%	
Heavy	0	2	2	0	4	10	1	7	0	18	1	19	4	0	24	1	46	4	0	51	97	
% Heavy	0%	1.7%	4.1%	0%	0.9%	10.3%	0.3%	3.9%	0%	3.1%	1.3%	2.1%	1.3%	0%	1.9%	1.1%	3.3%	7.3%	0%	3.3%	2.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & ALLISONVILLE RD - TMC

Thu Jan 24, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619348, Location: 40.000383, -86.019323, Site Code: i-202



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-24																						
4:45PM	79	83	26	0	188	34	53	46	0	133	58	318	71	0	447	22	251	48	0	321	1089	
5:00PM	86	78	35	0	199	37	95	54	0	186	45	337	73	0	455	9	268	49	0	326	1166	
5:15PM	91	92	28	0	211	32	77	44	0	153	32	330	65	0	427	22	247	44	0	313	1104	
5:30PM	69	100	19	0	188	18	53	32	0	103	53	347	78	0	478	24	271	30	0	325	1094	
Total	325	353	108	0	786	121	278	176	0	575	188	1332	287	0	1807	77	1037	171	0	1285	4453	
% Approach	41.3%	44.9%	13.7%	0%	-	21.0%	48.3%	30.6%	0%	-	10.4%	73.7%	15.9%	0%	-	6.0%	80.7%	13.3%	0%	-	-	
% Total	7.3%	7.9%	2.4%	0%	17.7%	2.7%	6.2%	4.0%	0%	12.9%	4.2%	29.9%	6.4%	0%	40.6%	1.7%	23.3%	3.8%	0%	28.9%	-	
PHF	0.893	0.883	0.771	-	0.931	0.818	0.732	0.815	-	0.773	0.810	0.960	0.920	-	0.945	0.802	0.957	0.872	-	0.985	0.955	
Lights and Motorcycles	324	350	108	0	782	117	275	175	0	567	184	1311	284	0	1779	76	1033	171	0	1280	4408	
% Lights and Motorcycles	99.7%	99.2%	100%	0%	99.5%	96.7%	98.9%	99.4%	0%	98.6%	97.9%	98.4%	99.0%	0%	98.5%	98.7%	99.6%	100%	0%	99.6%	99.0%	
Heavy	1	3	0	0	4	4	3	1	0	8	4	21	3	0	28	1	4	0	0	5	45	
% Heavy	0.3%	0.8%	0%	0%	0.5%	3.3%	1.1%	0.6%	0%	1.4%	2.1%	1.6%	1.0%	0%	1.5%	1.3%	0.4%	0%	0%	0.4%	1.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & RIVER RD - TMC

Thu Jan 24, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641210, Location: 40.000117, -86.033841, Site Code: i-203



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-24																					
6:30AM	2	4	19	0	25	34	6	9	0	49	4	158	0	0	162	42	198	11	0	251	487
6:45AM	4	8	27	0	39	38	8	10	0	56	6	181	1	0	188	37	181	26	0	244	527
Hourly Total	6	12	46	0	64	72	14	19	0	105	10	339	1	0	350	79	379	37	0	495	1014
7:00AM	5	5	33	0	43	36	12	7	0	55	9	200	0	0	209	67	246	24	0	337	644
7:15AM	6	5	41	0	52	48	16	9	0	73	1	240	3	0	244	86	337	25	0	448	817
7:30AM	8	14	29	0	51	51	17	5	0	73	11	223	3	0	237	93	349	41	0	483	844
7:45AM	8	13	40	0	61	49	14	7	0	70	8	255	5	0	268	74	360	38	0	472	871
Hourly Total	27	37	143	0	207	184	59	28	0	271	29	918	11	0	958	320	1292	128	0	1740	3176
8:00AM	7	8	44	0	59	41	18	9	0	68	10	229	3	0	242	62	301	27	0	390	759
8:15AM	3	5	42	0	50	43	15	11	0	69	11	238	1	0	250	48	275	23	0	346	715
8:30AM	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	10	13	87	0	110	85	33	20	0	138	21	467	4	0	492	110	576	50	0	736	1476
3:00PM	11	5	60	0	76	42	8	8	0	58	12	193	0	0	205	40	215	41	0	296	635
3:15PM	9	11	60	0	80	34	3	16	0	53	11	224	1	0	236	35	201	48	0	284	653
3:30PM	8	13	53	0	74	33	6	17	0	56	15	263	9	0	287	32	246	42	0	320	737
3:45PM	9	10	72	0	91	34	12	19	0	65	16	316	3	0	335	34	230	44	0	308	799
Hourly Total	37	39	245	0	321	143	29	60	0	232	54	996	13	0	1063	141	892	175	0	1208	2824
4:00PM	13	14	65	0	92	40	7	15	0	62	16	261	2	0	279	27	268	48	0	343	776
4:15PM	5	24	74	0	103	36	14	15	0	65	19	342	4	0	365	25	247	53	0	325	858
4:30PM	11	17	85	0	113	28	10	8	0	46	10	330	2	0	342	37	273	57	0	367	868
4:45PM	12	22	110	0	144	36	12	18	0	66	15	368	2	0	385	29	270	57	0	356	951
Hourly Total	41	77	334	0	452	140	43	56	0	239	60	1301	10	0	1371	118	1058	215	0	1391	3453
5:00PM	5	17	113	0	135	47	11	6	0	64	8	318	3	0	329	61	262	63	0	386	914
5:15PM	9	47	98	0	154	39	13	14	0	66	9	277	2	0	288	43	280	62	0	385	893
5:30PM	16	36	100	0	152	34	5	16	0	55	16	343	2	0	361	43	270	46	0	359	927
5:45PM	11	29	80	0	120	39	7	5	0	51	10	298	3	0	311	45	260	60	0	365	847
Hourly Total	41	129	391	0	561	159	36	41	0	236	43	1236	10	0	1289	192	1072	231	0	1495	3581
6:00PM	15	13	63	0	91	14	8	9	0	31	8	298	3	0	309	42	191	31	0	264	695
6:15PM	16	12	71	0	99	21	12	5	0	38	5	249	2	0	256	43	203	36	0	282	675
6:30PM	12	11	50	0	73	18	9	10	0	37	4	240	3	0	247	29	186	32	0	247	604
6:45PM	5	5	46	0	56	16	2	7	0	25	7	214	5	0	226	31	176	28	0	235	542
Hourly Total	48	41	230	0	319	69	31	31	0	131	24	1001	13	0	1038	145	756	127	0	1028	2516
Total	210	348	1476	0	2034	852	245	255	0	1352	241	6258	62	0	6561	1105	6025	963	0	8093	18040
% Approach	10.3%	17.1%	72.6%	0%	-	63.0%	18.1%	18.9%	0%	-	3.7%	95.4%	0.9%	0%	-	13.7%	74.4%	11.9%	0%	-	-
% Total	1.2%	1.9%	8.2%	0%	11.3%	4.7%	1.4%	1.4%	0%	7.5%	1.3%	34.7%	0.3%	0%	36.4%	6.1%	33.4%	5.3%	0%	44.9%	-
Lights and Motorcycles	208	343	1455	0	2006	815	242	214	0	1271	204	6155	61	0	6420	1085	5917	911	0	7913	17610
% Lights and Motorcycles	99.0%	98.6%	98.6%	0%	98.6%	95.7%	98.8%	83.9%	0%	94.0%	84.6%	98.4%	98.4%	0%	97.9%	98.2%	98.2%	94.6%	0%	97.8%	97.6%
Heavy	2	5	21	0	28	37	3	41	0	81	37	103	1	0	141	20	108	52	0	180	430
% Heavy	1.0%	1.4%	1.4%	0%	1.4%	4.3%	1.2%	16.1%	0%	6.0%	15.4%	1.6%	1.6%	0%	2.1%	1.8%	1.8%	5.4%	0%	2.2%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & RIVER RD - TMC

Thu Jan 24, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641210, Location: 40.000117, -86.033841, Site Code: i-203



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-24																						
7:15AM	6	5	41	0	52	48	16	9	0	73	1	240	3	0	244	86	337	25	0	448	817	
7:30AM	8	14	29	0	51	51	17	5	0	73	11	223	3	0	237	93	349	41	0	483	844	
7:45AM	8	13	40	0	61	49	14	7	0	70	8	255	5	0	268	74	360	38	0	472	871	
8:00AM	7	8	44	0	59	41	18	9	0	68	10	229	3	0	242	62	301	27	0	390	759	
Total	29	40	154	0	223	189	65	30	0	284	30	947	14	0	991	315	1347	131	0	1793	3291	
% Approach	13.0%	17.9%	69.1%	0%	-	66.5%	22.9%	10.6%	0%	-	3.0%	95.6%	1.4%	0%	-	17.6%	75.1%	7.3%	0%	-	-	
% Total	0.9%	1.2%	4.7%	0%	6.8%	5.7%	2.0%	0.9%	0%	8.6%	0.9%	28.8%	0.4%	0%	30.1%	9.6%	40.9%	4.0%	0%	54.5%	-	
PHF	0.906	0.714	0.875	-	0.914	0.926	0.903	0.833	-	0.973	0.682	0.928	0.700	-	0.924	0.847	0.935	0.799	-	0.928	0.945	
Lights and Motorcycles	28	37	146	0	211	184	65	22	0	271	27	932	13	0	972	307	1314	114	0	1735	3189	
% Lights and Motorcycles	96.6%	92.5%	94.8%	0%	94.6%	97.4%	100%	73.3%	0%	95.4%	90.0%	98.4%	92.9%	0%	98.1%	97.5%	97.6%	87.0%	0%	96.8%	96.9%	
Heavy	1	3	8	0	12	5	0	8	0	13	3	15	1	0	19	8	33	17	0	58	102	
% Heavy	3.4%	7.5%	5.2%	0%	5.4%	2.6%	0%	26.7%	0%	4.6%	10.0%	1.6%	7.1%	0%	1.9%	2.5%	2.4%	13.0%	0%	3.2%	3.1%	

* L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & RIVER RD - TMC

Thu Jan 24, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641210, Location: 40.000117, -86.033841, Site Code: i-203



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-01-24																									
4:45PM	12	22	110	0	144	36	12	18	0	66	15	368	2	0	385	29	270	57	0	356	951				
5:00PM	5	17	113	0	135	47	11	6	0	64	8	318	3	0	329	61	262	63	0	386	914				
5:15PM	9	47	98	0	154	39	13	14	0	66	9	277	2	0	288	43	280	62	0	385	893				
5:30PM	16	36	100	0	152	34	5	16	0	55	16	343	2	0	361	43	270	46	0	359	927				
Total	42	122	421	0	585	156	41	54	0	251	48	1306	9	0	1363	176	1082	228	0	1486	3685				
% Approach	7.2%	20.9%	72.0%	0%	-	62.2%	16.3%	21.5%	0%	-	3.5%	95.8%	0.7%	0%	-	11.8%	72.8%	15.3%	0%	-	-				
% Total	1.1%	3.3%	11.4%	0%	15.9%	4.2%	1.1%	1.5%	0%	6.8%	1.3%	35.4%	0.2%	0%	37.0%	4.8%	29.4%	6.2%	0%	40.3%	-				
PHF	0.656	0.649	0.931	-	0.950	0.830	0.788	0.750	-	0.951	0.750	0.887	0.750	-	0.885	0.721	0.966	0.905	-	0.962	0.969				
Lights and Motorcycles	42	120	416	0	578	150	41	54	0	245	43	1282	9	0	1334	176	1077	225	0	1478	3635				
% Lights and Motorcycles	100%	98.4%	98.8%	0%	98.8%	96.2%	100%	100%	0%	97.6%	89.6%	98.2%	100%	0%	97.9%	100%	99.5%	98.7%	0%	99.5%	98.6%				
Heavy	0	2	5	0	7	6	0	0	0	6	5	24	0	0	29	0	5	3	0	8	50				
% Heavy	0%	1.6%	1.2%	0%	1.2%	3.8%	0%	0%	0%	2.4%	10.4%	1.8%	0%	0%	2.1%	0%	0.5%	1.3%	0%	0.5%	1.4%				

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & CHERRY TREE RD - TMC

Thu Jan 24, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619293, Location: 40.000375, -86.058107, Site Code: i-204



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-24																					
6:30AM	3	0	1	0	4	9	2	8	0	19	1	130	0	0	131	0	219	2	0	221	375
6:45AM	6	0	4	0	10	26	2	9	0	37	2	156	2	0	160	1	247	4	0	252	459
Hourly Total	9	0	5	0	14	35	4	17	0	56	3	286	2	0	291	1	466	6	0	473	834
7:00AM	15	0	2	0	17	25	3	19	0	47	1	181	0	0	182	2	314	2	0	318	564
7:15AM	11	0	3	0	14	29	6	19	0	54	3	248	2	0	253	1	395	9	0	405	726
7:30AM	3	0	5	0	8	17	3	9	0	29	5	229	5	0	239	1	382	7	0	390	666
7:45AM	6	1	5	0	12	19	3	13	0	35	1	255	2	0	258	2	391	11	0	404	709
Hourly Total	35	1	15	0	51	90	15	60	0	165	10	913	9	0	932	6	1482	29	0	1517	2665
8:00AM	6	1	3	0	10	19	4	16	0	39	5	224	0	0	229	2	331	9	0	342	620
8:15AM	4	2	3	0	9	14	4	11	0	29	5	204	2	0	211	1	313	7	0	321	570
Hourly Total	10	3	6	0	19	33	8	27	0	68	10	428	2	0	440	3	644	16	0	663	1190
3:00PM	5	2	4	0	11	7	1	8	0	16	6	225	4	0	235	2	220	9	0	231	493
3:15PM	6	0	3	0	9	7	0	3	0	10	8	275	7	0	290	4	200	17	0	221	530
3:30PM	1	5	6	0	12	6	3	7	0	16	5	311	7	0	323	4	230	20	0	254	605
3:45PM	2	3	5	0	10	11	1	11	0	23	10	325	2	0	337	4	234	12	0	250	620
Hourly Total	14	10	18	0	42	31	5	29	0	65	29	1136	20	0	1185	14	884	58	0	956	2248
4:00PM	4	2	4	0	10	11	2	3	0	16	12	303	7	0	322	5	261	11	0	277	625
4:15PM	7	2	2	0	11	18	1	11	0	30	8	368	5	1	382	3	252	9	0	264	687
4:30PM	4	3	7	0	14	22	3	6	0	31	11	353	4	0	368	3	251	25	0	279	692
4:45PM	4	1	1	0	6	20	1	9	0	30	11	377	5	0	393	8	299	17	0	324	753
Hourly Total	19	8	14	0	41	71	7	29	0	107	42	1401	21	1	1465	19	1063	62	0	1144	2757
5:00PM	2	3	8	0	13	15	2	7	0	24	18	368	2	0	388	3	254	21	0	278	703
5:15PM	4	5	7	0	16	15	1	9	0	25	12	354	3	0	369	4	299	17	0	320	730
5:30PM	5	0	4	0	9	15	4	8	0	27	12	346	3	0	361	5	273	18	0	296	693
5:45PM	10	6	2	0	18	7	1	5	0	13	10	288	4	0	302	5	247	21	0	273	606
Hourly Total	21	14	21	0	56	52	8	29	0	89	52	1356	12	0	1420	17	1073	77	0	1167	2732
6:00PM	3	4	2	0	9	15	1	6	0	22	11	298	5	0	314	3	174	15	0	192	537
6:15PM	3	2	1	0	6	13	3	8	0	24	12	294	6	0	312	1	204	13	0	218	560
6:30PM	7	2	1	0	10	14	4	8	0	26	7	256	3	0	266	4	176	19	0	199	501
6:45PM	1	0	2	0	3	10	0	4	0	14	9	204	5	0	218	1	146	20	0	167	402
Hourly Total	14	8	6	0	28	52	8	26	0	86	39	1052	19	0	1110	9	700	67	0	776	2000
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	122	44	85	0	251	364	55	217	0	636	185	6572	85	1	6843	69	6312	315	0	6696	14426
% Approach	48.6%	17.5%	33.9%	0%	-	57.2%	8.6%	34.1%	0%	-	2.7%	96.0%	1.2%	0%	-	1.0%	94.3%	4.7%	0%	-	-
% Total	0.8%	0.3%	0.6%	0%	1.7%	2.5%	0.4%	1.5%	0%	4.4%	1.3%	45.6%	0.6%	0%	47.4%	0.5%	43.8%	2.2%	0%	46.4%	-
Lights and Motorcycles	121	44	83	0	248	362	55	215	0	632	181	6442	80	1	6704	68	6183	313	0	6564	14148
% Lights and Motorcycles	99.2%	100%	97.6%	0%	98.8%	99.5%	100%	99.1%	0%	99.4%	97.8%	98.0%	94.1%	100%	98.0%	98.6%	98.0%	99.4%	0%	98.0%	98.1%
Heavy	1	0	2	0	3	2	0	2	0	4	4	130	5	0	139	1	129	2	0	132	278
% Heavy	0.8%	0%	2.4%	0%	1.2%	0.5%	0%	0.9%	0%	0.6%	2.2%	2.0%	5.9%	0%	2.0%	1.4%	2.0%	0.6%	0%	2.0%	1.9%

* L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & CHERRY TREE RD - TMC

Thu Jan 24, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619293, Location: 40.000375, -86.058107, Site Code: i-204



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-24 7:15AM	11	0	3	0	14	29	6	19	0	54	3	248	2	0	253	1	395	9	0	405	726
7:30AM	3	0	5	0	8	17	3	9	0	29	5	229	5	0	239	1	382	7	0	390	666
7:45AM	6	1	5	0	12	19	3	13	0	35	1	255	2	0	258	2	391	11	0	404	709
8:00AM	6	1	3	0	10	19	4	16	0	39	5	224	0	0	229	2	331	9	0	342	620
Total	26	2	16	0	44	84	16	57	0	157	14	956	9	0	979	6	1499	36	0	1541	2721
% Approach	59.1%	4.5%	36.4%	0%	-	53.5%	10.2%	36.3%	0%	-	1.4%	97.7%	0.9%	0%	-	0.4%	97.3%	2.3%	0%	-	-
% Total	1.0%	0.1%	0.6%	0%	1.6%	3.1%	0.6%	2.1%	0%	5.8%	0.5%	35.1%	0.3%	0%	36.0%	0.2%	55.1%	1.3%	0%	56.6%	-
PHF	0.591	0.500	0.800	-	0.786	0.724	0.667	0.750	-	0.727	0.700	0.937	0.450	-	0.949	0.750	0.949	0.818	-	0.951	0.937
Lights and Motorcycles	26	2	15	0	43	84	16	57	0	157	14	933	7	0	954	6	1464	36	0	1506	2660
% Lights and Motorcycles	100%	100%	93.8%	0%	97.7%	100%	100%	100%	0%	100%	100%	97.6%	77.8%	0%	97.4%	100%	97.7%	100%	0%	97.7%	97.8%
Heavy	0	0	1	0	1	0	0	0	0	0	0	23	2	0	25	0	35	0	0	35	61
% Heavy	0%	0%	6.3%	0%	2.3%	0%	0%	0%	0%	0%	0%	2.4%	22.2%	0%	2.6%	0%	2.3%	0%	0%	2.3%	2.2%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & CHERRY TREE RD - TMC

Thu Jan 24, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619293, Location: 40.000375, -86.058107, Site Code: i-204



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-24 4:45PM	4	1	1	0	6	20	1	9	0	30	11	377	5	0	393	8	299	17	0	324	753
5:00PM	2	3	8	0	13	15	2	7	0	24	18	368	2	0	388	3	254	21	0	278	703
5:15PM	4	5	7	0	16	15	1	9	0	25	12	354	3	0	369	4	299	17	0	320	730
5:30PM	5	0	4	0	9	15	4	8	0	27	12	346	3	0	361	5	273	18	0	296	693
Total	15	9	20	0	44	65	8	33	0	106	53	1445	13	0	1511	20	1125	73	0	1218	2879
% Approach	34.1%	20.5%	45.5%	0%	-	61.3%	7.5%	31.1%	0%	-	3.5%	95.6%	0.9%	0%	-	1.6%	92.4%	6.0%	0%	-	-
% Total	0.5%	0.3%	0.7%	0%	1.5%	2.3%	0.3%	1.1%	0%	3.7%	1.8%	50.2%	0.5%	0%	52.5%	0.7%	39.1%	2.5%	0%	42.3%	-
PHF	0.750	0.450	0.625	-	0.688	0.813	0.500	0.917	-	0.883	0.736	0.958	0.650	-	0.961	0.625	0.941	0.869	-	0.940	0.956
Lights and Motorcycles	15	9	20	0	44	65	8	33	0	106	53	1419	13	0	1485	20	1120	73	0	1213	2848
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	98.2%	100%	0%	98.3%	100%	99.6%	100%	0%	99.6%	98.9%
Heavy	0	0	0	0	0	0	0	0	0	0	0	26	0	0	26	0	5	0	0	5	31
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	1.8%	0%	0%	1.7%	0%	0.4%	0%	0%	0.4%	1.1%

*L: Left, R: Right, T: Thru, U: U-Turn

HAZEL DELL RD & EDENSHALL LN - TMC

Wed May 15, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656475, Location: 40.003942, -86.070499, Site Code: i-205



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15 6:30AM	0	58	0	0	58	3	166	0	0	169	0	0	0	0	0	11	0	5	0	16	243
6:45AM	0	59	3	0	62	6	194	0	0	200	0	0	0	0	0	19	0	3	0	22	284
Hourly Total	0	117	3	0	120	9	360	0	0	369	0	0	0	0	0	30	0	8	0	38	527
7:00AM	0	69	7	0	76	2	207	0	0	209	0	0	0	0	0	23	0	3	0	26	311
7:15AM	0	69	5	0	74	5	266	0	0	271	0	0	0	0	0	23	0	1	0	24	369
7:30AM	0	93	2	0	95	7	239	0	0	246	0	0	0	0	0	19	0	4	0	23	364
7:45AM	0	102	2	0	104	2	217	0	0	219	0	0	0	0	0	19	0	6	0	25	348
Hourly Total	0	333	16	0	349	16	929	0	0	945	0	0	0	0	0	84	0	14	0	98	1392
8:00AM	0	114	5	0	119	6	191	0	0	197	0	0	0	0	0	23	0	7	0	30	346
8:15AM	0	128	7	0	135	12	215	0	0	227	0	0	0	0	0	21	0	11	0	32	394
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	242	12	0	254	18	406	0	0	424	0	0	0	0	0	44	0	18	0	62	740
3:00PM	0	100	11	0	111	20	133	0	0	153	0	0	0	0	0	22	0	12	0	34	298
3:15PM	0	141	19	0	160	17	103	0	0	120	0	0	0	0	0	22	0	17	0	39	319
3:30PM	0	147	23	1	171	16	131	0	0	147	0	0	0	0	0	25	0	16	0	41	359
3:45PM	0	149	8	0	157	21	126	0	0	147	0	0	0	0	0	22	0	19	0	41	345
Hourly Total	0	537	61	1	599	74	493	0	0	567	0	0	0	0	0	91	0	64	0	155	1321
4:00PM	0	167	15	0	182	18	127	0	0	145	0	0	0	0	0	22	0	20	0	42	369
4:15PM	0	194	30	1	225	21	143	0	0	164	0	0	0	0	0	26	0	23	0	49	438
4:30PM	0	187	14	0	201	19	141	0	0	160	0	0	0	0	0	33	0	19	0	52	413
4:45PM	0	221	28	0	249	20	149	1	0	170	0	0	0	0	0	31	0	29	0	60	479
Hourly Total	0	769	87	1	857	78	560	1	0	639	0	0	0	0	0	112	0	91	0	203	1699
5:00PM	0	222	25	1	248	27	176	0	0	203	0	0	0	0	0	42	0	21	0	63	514
5:15PM	0	213	26	2	241	42	153	0	0	195	0	0	0	0	0	30	0	24	0	54	490
5:30PM	0	250	16	0	266	24	161	0	0	185	0	0	0	0	0	30	0	37	0	67	518
5:45PM	0	213	12	0	225	25	147	0	0	172	0	0	0	0	0	29	0	17	0	46	443
Hourly Total	0	898	79	3	980	118	637	0	0	755	0	0	0	0	0	131	0	99	0	230	1965
6:00PM	0	175	28	0	203	21	151	0	0	172	0	0	0	0	0	27	0	33	0	60	435
6:15PM	0	192	20	0	212	17	146	0	0	163	0	0	0	0	0	22	0	21	0	43	418
6:30PM	0	145	18	0	163	15	150	0	0	165	0	0	0	0	0	29	0	22	0	51	379
6:45PM	0	138	15	0	153	12	119	0	0	131	0	0	0	0	0	23	0	16	0	39	323
Hourly Total	0	650	81	0	731	65	566	0	0	631	0	0	0	0	0	101	0	92	0	193	1555
7:00PM	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Hourly Total	0	1	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
Total	0	3547	339	5	3891	378	3952	1	0	4331	0	0	0	0	0	593	0	386	0	979	9201
% Approach	0%	91.2%	8.7%	0.1%	-	8.7%	91.2%	0%	0%	-	0%	0%	0%	0%	-	60.6%	0%	39.4%	0%	-	-
% Total	0%	38.6%	3.7%	0.1%	42.3%	4.1%	43.0%	0%	0%	47.1%	0%	0%	0%	0%	0%	6.4%	0%	4.2%	0%	10.6%	-
Lights and Motorcycles	0	3471	339	5	3815	372	3856	1	0	4229	0	0	0	0	0	590	0	383	0	973	9017
% Lights and Motorcycles	0%	97.9%	100%	100%	98.0%	98.4%	97.6%	100%	0%	97.6%	0%	0%	0%	0%	-	99.5%	0%	99.2%	0%	99.4%	98.0%
Heavy	0	76	0	0	76	6	96	0	0	102	0	0	0	0	0	3	0	3	0	6	184
% Heavy	0%	2.1%	0%	0%	2.0%	1.6%	2.4%	0%	0%	2.4%	0%	0%	0%	0%	-	0.5%	0%	0.8%	0%	0.6%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

HAZEL DELL RD & EDENSHALL LN - TMC

Wed May 15, 2019

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656475, Location: 40.003942, -86.070499, Site Code: i-205



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15 7:30AM	0	93	2	0	95	7	239	0	0	246	0	0	0	0	0	19	0	4	0	23	364
7:45AM	0	102	2	0	104	2	217	0	0	219	0	0	0	0	0	19	0	6	0	25	348
8:00AM	0	114	5	0	119	6	191	0	0	197	0	0	0	0	0	23	0	7	0	30	346
8:15AM	0	128	7	0	135	12	215	0	0	227	0	0	0	0	0	21	0	11	0	32	394
Total	0	437	16	0	453	27	862	0	0	889	0	0	0	0	0	82	0	28	0	110	1452
% Approach	0%	96.5%	3.5%	0%	-	3.0%	97.0%	0%	0%	-	0%	0%	0%	0%	-	74.5%	0%	25.5%	0%	-	-
% Total	0%	30.1%	1.1%	0%	31.2%	1.9%	59.4%	0%	0%	61.2%	0%	0%	0%	0%	0%	5.6%	0%	1.9%	0%	7.6%	-
PHF	-	0.854	0.571	-	0.839	0.563	0.902	-	-	0.903	-	-	-	-	-	0.891	-	0.636	-	0.859	0.921
Lights and Motorcycles	0	409	16	0	425	26	846	0	0	872	0	0	0	0	0	82	0	28	0	110	1407
% Lights and Motorcycles	0%	93.6%	100%	0%	93.8%	96.3%	98.1%	0%	0%	98.1%	0%	0%	0%	0%	-	100%	0%	100%	0%	100%	96.9%
Heavy	0	28	0	0	28	1	16	0	0	17	0	0	0	0	0	0	0	0	0	0	45
% Heavy	0%	6.4%	0%	0%	6.2%	3.7%	1.9%	0%	0%	1.9%	0%	0%	0%	0%	-	0%	0%	0%	0%	0%	3.1%

* L: Left, R: Right, T: Thru, U: U-Turn

HAZEL DELL RD & EDENSHALL LN - TMC

Wed May 15, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656475, Location: 40.003942, -86.070499, Site Code: i-205



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-15 4:45PM	0	221	28	0	249	20	149	1	0	170	0	0	0	0	0	31	0	29	0	60	479
5:00PM	0	222	25	1	248	27	176	0	0	203	0	0	0	0	0	42	0	21	0	63	514
5:15PM	0	213	26	2	241	42	153	0	0	195	0	0	0	0	0	30	0	24	0	54	490
5:30PM	0	250	16	0	266	24	161	0	0	185	0	0	0	0	0	30	0	37	0	67	518
Total	0	906	95	3	1004	113	639	1	0	753	0	0	0	0	0	133	0	111	0	244	2001
% Approach	0%	90.2%	9.5%	0.3%	-	15.0%	84.9%	0.1%	0%	-	0%	0%	0%	0%	-	54.5%	0%	45.5%	0%	-	-
% Total	0%	45.3%	4.7%	0.1%	50.2%	5.6%	31.9%	0%	0%	37.6%	0%	0%	0%	0%	0%	6.6%	0%	5.5%	0%	12.2%	-
PHF	-	0.906	0.848	0.375	0.944	0.673	0.908	0.250	-	0.927	-	-	-	-	-	0.792	-	0.750	-	0.910	0.966
Lights and Motorcycles	0	896	95	3	994	112	626	1	0	739	0	0	0	0	0	133	0	110	0	243	1976
% Lights and Motorcycles	0%	98.9%	100%	100%	99.0%	99.1%	98.0%	100%	0%	98.1%	0%	0%	0%	0%	-	100%	0%	99.1%	0%	99.6%	98.8%
Heavy	0	10	0	0	10	1	13	0	0	14	0	0	0	0	0	0	0	1	0	1	25
% Heavy	0%	1.1%	0%	0%	1.0%	0.9%	2.0%	0%	0%	1.9%	0%	0%	0%	0%	-	0%	0%	0.9%	0%	0.4%	1.2%

* L: Left, R: Right, T: Thru, U: U-Turn

146th St & Hazel Dell Pkwy - TMC

Wed Sep 5, 2018

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 559482, Location: 40.000219, -86.070521



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-09-05																					
6:30AM	15	14	15	0	44	43	87	35	0	165	7	83	13	0	103	19	188	24	0	231	543
6:45AM	41	24	13	0	78	35	84	42	0	161	9	119	26	0	154	29	252	27	0	308	701
Hourly Total	56	38	28	0	122	78	171	77	0	326	16	202	39	0	257	48	440	51	0	539	1244
7:00AM	37	30	21	0	88	47	132	40	0	219	15	119	45	0	179	23	322	36	0	381	867
7:15AM	44	38	20	0	102	54	132	34	0	220	27	183	46	0	256	31	358	44	0	433	1011
7:30AM	39	33	28	0	100	68	141	37	0	246	16	151	78	0	245	43	320	47	0	410	1001
7:45AM	60	53	12	0	125	71	122	32	0	225	23	166	56	0	245	40	351	46	0	437	1032
Hourly Total	180	154	81	0	415	240	527	143	0	910	81	619	225	0	925	137	1351	173	0	1661	3911
8:00AM	67	45	11	0	123	48	120	44	0	212	15	164	74	0	253	35	319	53	0	407	995
8:15AM	61	67	17	0	145	53	141	45	0	239	25	170	53	0	248	24	361	66	0	451	1083
8:30AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1
Hourly Total	128	112	28	0	268	101	261	89	0	451	40	335	127	0	502	59	680	119	0	858	2079
3:00PM	28	77	15	0	120	49	59	40	0	148	45	211	36	0	292	19	182	36	2	239	799
3:15PM	51	78	27	0	156	51	58	50	0	159	47	212	42	0	301	21	132	43	0	196	812
3:30PM	46	74	26	1	147	60	57	36	0	153	57	224	56	0	337	19	177	25	0	221	858
3:45PM	57	87	36	0	180	52	75	41	0	168	59	255	46	0	360	34	191	58	0	283	991
Hourly Total	182	316	104	1	603	212	249	167	0	628	208	902	180	0	1290	93	682	162	2	939	3460
4:00PM	62	110	33	0	205	64	67	34	0	165	71	244	57	0	372	25	157	62	0	244	986
4:15PM	50	108	27	0	185	65	74	53	0	192	56	308	54	0	418	30	177	55	0	262	1057
4:30PM	53	107	25	0	185	61	95	41	0	197	65	305	72	0	442	23	192	77	0	292	1116
4:45PM	55	126	24	1	206	44	86	46	0	176	54	325	51	0	430	29	199	68	0	296	1108
Hourly Total	220	451	109	1	781	234	322	174	0	730	246	1182	234	0	1662	107	725	262	0	1094	4267
5:00PM	56	160	28	0	244	56	89	29	0	174	75	351	74	0	500	26	210	80	0	316	1234
5:15PM	67	164	38	0	269	65	95	49	0	209	68	316	67	0	451	39	248	69	0	356	1285
5:30PM	65	162	29	0	256	59	90	58	0	207	74	278	81	0	433	28	197	77	0	302	1198
5:45PM	67	126	23	0	216	62	84	38	0	184	65	239	65	0	369	25	169	61	0	255	1024
Hourly Total	255	612	118	0	985	242	358	174	0	774	282	1184	287	0	1753	118	824	287	0	1229	4741
6:00PM	55	138	12	0	205	61	86	40	0	187	66	232	66	0	364	40	143	43	0	226	982
6:15PM	54	91	21	0	166	55	80	52	0	187	57	229	54	0	340	36	154	37	0	227	920
6:30PM	64	85	23	0	172	49	72	49	0	170	74	176	46	0	296	15	143	41	0	199	837
6:45PM	60	83	21	0	164	35	70	47	0	152	45	148	46	0	239	20	156	32	0	208	763
Hourly Total	233	397	77	0	707	200	308	188	0	696	242	785	212	0	1239	111	596	153	0	860	3502
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	1254	2080	545	2	3881	1307	2196	1012	0	4515	1115	5209	1304	0	7628	673	5298	1207	2	7180	23204
% Approach	32.3%	53.6%	14.0%	0.1%	-	28.9%	48.6%	22.4%	0%	-	14.6%	68.3%	17.1%	0%	-	9.4%	73.8%	16.8%	0%	-	-
% Total	5.4%	9.0%	2.3%	0%	16.7%	5.6%	9.5%	4.4%	0%	19.5%	4.8%	22.4%	5.6%	0%	32.9%	2.9%	22.8%	5.2%	0%	30.9%	-
Lights and Motorcycles	1237	2055	512	2	3806	1276	2165	974	0	4415	1101	5002	1262	0	7365	657	5095	1159	1	6912	22498
% Lights and Motorcycles	98.6%	98.8%	93.9%	100%	98.1%	97.6%	98.6%	96.2%	0%	97.8%	98.7%	96.0%	96.8%	0%	96.6%	97.6%	96.2%	96.0%	50.0%	96.3%	97.0%
Heavy	17	25	33	0	75	31	31	38	0	100	14	207	42	0	263	16	203	48	1	268	706
% Heavy	1.4%	1.2%	6.1%	0%	1.9%	2.4%	1.4%	3.8%	0%	2.2%	1.3%	4.0%	3.2%	0%	3.4%	2.4%	3.8%	4.0%	50.0%	3.7%	3.0%

*L: Left, R: Right, T: Thru, U: U-Turn

146th St & Hazel Dell Pkwy - TMC

Wed Sep 5, 2018

AM Peak (7:30 AM - 8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 559482, Location: 40.000219, -86.070521



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2018-09-05																						
7:30AM	39	33	28	0	100	68	141	37	0	246	16	151	78	0	245	43	320	47	0	410	1001	
7:45AM	60	53	12	0	125	71	122	32	0	225	23	166	56	0	245	40	351	46	0	437	1032	
8:00AM	67	45	11	0	123	48	120	44	0	212	15	164	74	0	253	35	319	53	0	407	995	
8:15AM	61	67	17	0	145	53	141	45	0	239	25	170	53	0	248	24	361	66	0	451	1083	
Total	227	198	68	0	493	240	524	158	0	922	79	651	261	0	991	142	1351	212	0	1705	4111	
% Approach	46.0%	40.2%	13.8%	0%	-	26.0%	56.8%	17.1%	0%	-	8.0%	65.7%	26.3%	0%	-	8.3%	79.2%	12.4%	0%	-	-	
% Total	5.5%	4.8%	1.7%	0%	12.0%	5.8%	12.7%	3.8%	0%	22.4%	1.9%	15.8%	6.3%	0%	24.1%	3.5%	32.9%	5.2%	0%	41.5%	-	
PHF	0.847	0.739	0.607	-	0.850	0.845	0.929	0.878	-	0.937	0.790	0.957	0.837	-	0.979	0.826	0.936	0.803	-	0.945	0.949	
Lights and Motorcycles	223	188	61	0	472	235	520	150	0	905	77	614	249	0	940	141	1295	196	0	1632	3949	
% Lights and Motorcycles	98.2%	94.9%	89.7%	0%	95.7%	97.9%	99.2%	94.9%	0%	98.2%	97.5%	94.3%	95.4%	0%	94.9%	99.3%	95.9%	92.5%	0%	95.7%	96.1%	
Heavy	4	10	7	0	21	5	4	8	0	17	2	37	12	0	51	1	56	16	0	73	162	
% Heavy	1.8%	5.1%	10.3%	0%	4.3%	2.1%	0.8%	5.1%	0%	1.8%	2.5%	5.7%	4.6%	0%	5.1%	0.7%	4.1%	7.5%	0%	4.3%	3.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

146th St & Hazel Dell Pkwy - TMC

Wed Sep 5, 2018

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 559482, Location: 40.000219, -86.070521



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound						North Southbound						West Eastbound						East Westbound						Int
	L	T	R	U	App		L	T	R	U	App		L	T	R	U	App		L	T	R	U	App		
2018-09-05 4:45PM	55	126	24	1	206		44	86	46	0	176		54	325	51	0	430		29	199	68	0	296	1108	
5:00PM	56	160	28	0	244		56	89	29	0	174		75	351	74	0	500		26	210	80	0	316	1234	
5:15PM	67	164	38	0	269		65	95	49	0	209		68	316	67	0	451		39	248	69	0	356	1285	
5:30PM	65	162	29	0	256		59	90	58	0	207		74	278	81	0	433		28	197	77	0	302	1198	
Total	243	612	119	1	975		224	360	182	0	766		271	1270	273	0	1814		122	854	294	0	1270	4825	
% Approach	24.9%	62.8%	12.2%	0.1%	-		29.2%	47.0%	23.8%	0%	-		14.9%	70.0%	15.0%	0%	-		9.6%	67.2%	23.1%	0%	-	-	
% Total	5.0%	12.7%	2.5%	0%	20.2%		4.6%	7.5%	3.8%	0%	15.9%		5.6%	26.3%	5.7%	0%	37.6%		2.5%	17.7%	6.1%	0%	26.3%	-	
PHF	0.907	0.933	0.783	0.250	0.906		0.862	0.947	0.784	-	0.916		0.903	0.905	0.843	-	0.907		0.782	0.861	0.919	-	0.892	0.939	
Lights and Motorcycles	241	608	118	1	968		218	349	176	0	743		268	1243	264	0	1775		120	827	287	0	1234	4720	
% Lights and Motorcycles	99.2%	99.3%	99.2%	100%	99.3%		97.3%	96.9%	96.7%	0%	97.0%		98.9%	97.9%	96.7%	0%	97.9%		98.4%	96.8%	97.6%	0%	97.2%	97.8%	
Heavy	2	4	1	0	7		6	11	6	0	23		3	27	9	0	39		2	27	7	0	36	105	
% Heavy	0.8%	0.7%	0.8%	0%	0.7%		2.7%	3.1%	3.3%	0%	3.0%		1.1%	2.1%	3.3%	0%	2.1%		1.6%	3.2%	2.4%	0%	2.8%	2.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH & GRAY RD - TMC

Thu Jan 24, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619288, Location: 40.000252, -86.089693, Site Code: i-207



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-24																					
6:30AM	15	9	8	0	32	11	11	10	0	32	3	93	7	0	103	7	191	7	0	205	372
6:45AM	11	8	16	0	35	17	14	12	0	43	22	123	8	0	153	15	248	23	0	286	517
Hourly Total	26	17	24	0	67	28	25	22	0	75	25	216	15	0	256	22	439	30	0	491	889
7:00AM	25	17	12	0	54	19	19	19	0	57	17	157	9	0	183	27	288	33	0	348	642
7:15AM	35	37	19	0	91	36	36	16	0	88	30	186	19	0	235	24	374	46	0	444	858
7:30AM	31	57	17	0	105	42	41	31	0	114	64	174	17	0	255	21	352	66	0	439	913
7:45AM	27	18	23	0	68	28	30	30	0	88	16	212	20	0	248	20	402	15	0	437	841
Hourly Total	118	129	71	0	318	125	126	96	0	347	127	729	65	0	921	92	1416	160	0	1668	3254
8:00AM	32	13	13	0	58	30	26	14	0	70	6	184	12	0	202	25	306	16	0	347	677
8:15AM	24	20	13	0	57	24	20	6	0	50	16	171	12	0	199	23	368	21	0	412	718
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	56	33	26	0	115	54	46	20	0	120	22	355	24	0	401	48	674	37	0	759	1395
3:00PM	23	15	17	0	55	26	17	13	0	56	29	210	23	0	262	27	174	23	0	224	597
3:15PM	27	29	32	0	88	48	34	30	0	112	24	271	34	0	329	15	200	42	1	258	787
3:30PM	29	35	40	0	104	58	57	42	0	157	29	263	23	0	315	20	165	35	0	220	796
3:45PM	20	32	22	0	74	43	36	20	0	99	26	298	30	0	354	26	241	31	0	298	825
Hourly Total	99	111	111	0	321	175	144	105	0	424	108	1042	110	0	1260	88	780	131	1	1000	3005
4:00PM	23	24	27	0	74	40	21	20	0	81	20	308	32	0	360	20	206	27	0	253	768
4:15PM	37	30	33	0	100	31	34	11	0	76	32	327	23	0	382	27	219	29	0	275	833
4:30PM	29	35	26	0	90	34	27	14	0	75	27	344	31	0	402	17	210	30	0	257	824
4:45PM	24	32	34	0	90	42	20	14	0	76	15	359	19	0	393	21	253	35	0	309	868
Hourly Total	113	121	120	0	354	147	102	59	0	308	94	1338	105	0	1537	85	888	121	0	1094	3293
5:00PM	15	43	28	0	86	39	39	17	0	95	37	363	24	0	424	24	219	26	0	269	874
5:15PM	35	49	52	0	136	44	33	12	0	89	24	341	36	0	401	18	262	39	0	319	945
5:30PM	27	51	31	0	109	42	35	9	0	86	34	368	40	1	443	15	247	23	0	285	923
5:45PM	21	43	18	0	82	39	21	14	0	74	22	340	33	0	395	16	227	32	1	276	827
Hourly Total	98	186	129	0	413	164	128	52	0	344	117	1412	133	1	1663	73	955	120	1	1149	3569
6:00PM	19	29	24	0	72	27	29	11	0	67	20	351	33	0	404	16	195	23	0	234	777
6:15PM	22	33	29	0	84	37	31	12	0	80	21	318	34	0	373	12	197	21	0	230	767
6:30PM	26	23	21	0	70	26	17	5	0	48	21	267	29	0	317	17	177	19	0	213	648
6:45PM	22	16	21	0	59	17	15	11	0	43	21	253	25	0	299	15	154	25	0	194	595
Hourly Total	89	101	95	0	285	107	92	39	0	238	83	1189	121	0	1393	60	723	88	0	871	2787
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Total	599	698	576	0	1873	800	663	393	0	1856	576	6281	574	1	7432	468	5875	687	2	7032	18193
% Approach	32.0%	37.3%	30.8%	0%	-	43.1%	35.7%	21.2%	0%	-	7.8%	84.5%	7.7%	0%	-	6.7%	83.5%	9.8%	0%	-	-
% Total	3.3%	3.8%	3.2%	0%	10.3%	4.4%	3.6%	2.2%	0%	10.2%	3.2%	34.5%	3.2%	0%	40.9%	2.6%	32.3%	3.8%	0%	38.7%	-
Lights and Motorcycles	591	693	563	0	1847	796	661	390	0	1847	573	6190	558	1	7322	462	5780	666	2	6910	17926
% Lights and Motorcycles	98.7%	99.3%	97.7%	0%	98.6%	99.5%	99.7%	99.2%	0%	99.5%	99.5%	98.6%	97.2%	100%	98.5%	98.7%	98.4%	96.9%	100%	98.3%	98.5%
Heavy	8	5	13	0	26	4	2	3	0	9	3	91	16	0	110	6	95	21	0	122	267
% Heavy	1.3%	0.7%	2.3%	0%	1.4%	0.5%	0.3%	0.8%	0%	0.5%	0.5%	1.4%	2.8%	0%	1.5%	1.3%	1.6%	3.1%	0%	1.7%	1.5%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH & GRAY RD - TMC

Thu Jan 24, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619288, Location: 40.000252, -86.089693, Site Code: i-207



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-01-24																						
7:15AM	35	37	19	0	91	36	36	16	0	88	30	186	19	0	235	24	374	46	0	444	858	
7:30AM	31	57	17	0	105	42	41	31	0	114	64	174	17	0	255	21	352	66	0	439	913	
7:45AM	27	18	23	0	68	28	30	30	0	88	16	212	20	0	248	20	402	15	0	437	841	
8:00AM	32	13	13	0	58	30	26	14	0	70	6	184	12	0	202	25	306	16	0	347	677	
Total	125	125	72	0	322	136	133	91	0	360	116	756	68	0	940	90	1434	143	0	1667	3289	
% Approach	38.8%	38.8%	22.4%	0%	-	37.8%	36.9%	25.3%	0%	-	12.3%	80.4%	7.2%	0%	-	5.4%	86.0%	8.6%	0%	-	-	
% Total	3.8%	3.8%	2.2%	0%	9.8%	4.1%	4.0%	2.8%	0%	10.9%	3.5%	23.0%	2.1%	0%	28.6%	2.7%	43.6%	4.3%	0%	50.7%	-	
PHF	0.893	0.548	0.783	-	0.767	0.810	0.811	0.734	-	0.789	0.453	0.892	0.850	-	0.922	0.900	0.892	0.542	-	0.939	0.901	
Lights and Motorcycles	125	123	69	0	317	134	133	90	0	357	115	735	67	0	917	89	1407	139	0	1635	3226	
% Lights and Motorcycles	100%	98.4%	95.8%	0%	98.4%	98.5%	100%	98.9%	0%	99.2%	99.1%	97.2%	98.5%	0%	97.6%	98.9%	98.1%	97.2%	0%	98.1%	98.1%	
Heavy	0	2	3	0	5	2	0	1	0	3	1	21	1	0	23	1	27	4	0	32	63	
% Heavy	0%	1.6%	4.2%	0%	1.6%	1.5%	0%	1.1%	0%	0.8%	0.9%	2.8%	1.5%	0%	2.4%	1.1%	1.9%	2.8%	0%	1.9%	1.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH & GRAY RD - TMC

Thu Jan 24, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 619288, Location: 40.000252, -86.089693, Site Code: i-207



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-24 4:45PM	24	32	34	0	90	42	20	14	0	76	15	359	19	0	393	21	253	35	0	309	868
5:00PM	15	43	28	0	86	39	39	17	0	95	37	363	24	0	424	24	219	26	0	269	874
5:15PM	35	49	52	0	136	44	33	12	0	89	24	341	36	0	401	18	262	39	0	319	945
5:30PM	27	51	31	0	109	42	35	9	0	86	34	368	40	1	443	15	247	23	0	285	923
Total	101	175	145	0	421	167	127	52	0	346	110	1431	119	1	1661	78	981	123	0	1182	3610
% Approach	24.0%	41.6%	34.4%	0%	-	48.3%	36.7%	15.0%	0%	-	6.6%	86.2%	7.2%	0.1%	-	6.6%	83.0%	10.4%	0%	-	-
% Total	2.8%	4.8%	4.0%	0%	11.7%	4.6%	3.5%	1.4%	0%	9.6%	3.0%	39.6%	3.3%	0%	46.0%	2.2%	27.2%	3.4%	0%	32.7%	-
PHF	0.721	0.858	0.697	-	0.774	0.949	0.814	0.765	-	0.911	0.743	0.972	0.744	0.250	0.937	0.813	0.936	0.788	-	0.926	0.955
Lights and Motorcycles	99	175	144	0	418	167	127	52	0	346	110	1412	116	1	1639	77	974	123	0	1174	3577
% Lights and Motorcycles	98.0%	100%	99.3%	0%	99.3%	100%	100%	100%	0%	100%	100%	98.7%	97.5%	100%	98.7%	98.7%	99.3%	100%	0%	99.3%	99.1%
Heavy	2	0	1	0	3	0	0	0	0	0	0	19	3	0	22	1	7	0	0	8	33
% Heavy	2.0%	0%	0.7%	0%	0.7%	0%	0%	0%	0%	0%	0%	1.3%	2.5%	0%	1.3%	1.3%	0.7%	0%	0%	0.7%	0.9%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & HOWERD - TMC

Thu Jan 10, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611114, Location: 40.001355, -85.980347, Site Code: i-208



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-10																					
6:30AM	17	5	7	0	29	3	8	38	0	49	2	90	1	0	93	0	195	2	0	197	368
6:45AM	11	3	13	0	27	9	15	29	0	53	2	99	3	0	104	1	223	3	0	227	411
Hourly Total	28	8	20	0	56	12	23	67	0	102	4	189	4	0	197	1	418	5	0	424	779
7:00AM	11	7	11	0	29	12	14	32	0	58	5	120	3	0	128	3	193	6	0	202	417
7:15AM	8	10	14	0	32	7	17	28	0	52	6	130	3	0	139	5	260	2	0	267	490
7:30AM	14	7	14	0	35	7	21	24	0	52	7	138	3	1	149	4	222	5	1	232	468
7:45AM	8	5	11	0	24	9	14	30	0	53	4	128	4	0	136	5	216	4	0	225	438
Hourly Total	41	29	50	0	120	35	66	114	0	215	22	516	13	1	552	17	891	17	1	926	1813
8:00AM	9	10	7	0	26	6	18	38	0	62	11	126	3	0	140	1	194	1	0	196	424
8:15AM	12	13	4	0	29	10	19	36	0	65	6	128	7	0	141	4	156	7	0	167	402
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	21	23	11	0	55	16	37	74	0	127	17	254	10	0	281	5	350	8	0	363	826
3:00PM	3	8	3	0	14	5	6	11	0	22	21	176	6	1	204	2	117	9	1	129	369
3:15PM	3	5	8	0	16	4	9	13	0	26	21	138	20	0	179	4	133	10	0	147	368
3:30PM	4	13	6	0	23	7	13	15	0	35	20	169	12	0	201	5	168	9	0	182	441
3:45PM	5	14	7	0	26	13	9	15	0	37	33	219	14	0	266	5	134	10	0	149	478
Hourly Total	15	40	24	0	79	29	37	54	0	120	95	702	52	1	850	16	552	38	1	607	1656
4:00PM	5	16	7	0	28	4	12	10	0	26	22	242	7	1	272	6	173	8	0	187	513
4:15PM	9	19	6	0	34	6	10	8	0	24	24	232	17	0	273	9	154	3	0	166	497
4:30PM	13	26	7	0	46	4	12	20	0	36	26	240	12	0	278	8	166	8	0	182	542
4:45PM	5	24	6	0	35	5	12	10	0	27	30	263	15	0	308	11	185	7	0	203	573
Hourly Total	32	85	26	0	143	19	46	48	0	113	102	977	51	1	1131	34	678	26	0	738	2125
5:00PM	9	15	8	0	32	2	13	11	0	26	35	312	21	0	368	4	167	6	0	177	603
5:15PM	3	30	6	0	39	6	14	12	0	32	25	302	24	0	351	9	188	9	0	206	628
5:30PM	8	21	7	0	36	10	8	10	0	28	34	256	18	1	309	7	176	11	0	194	567
5:45PM	12	15	5	0	32	6	16	17	0	39	25	212	16	0	253	11	158	7	0	176	500
Hourly Total	32	81	26	0	139	24	51	50	0	125	119	1082	79	1	1281	31	689	33	0	753	2298
6:00PM	6	20	3	0	29	3	10	11	0	24	39	201	13	0	253	14	147	11	0	172	478
6:15PM	4	24	5	0	33	3	13	11	0	27	26	181	13	0	220	12	155	8	0	175	455
6:30PM	5	5	6	0	16	5	9	11	0	25	27	224	6	0	257	13	103	4	0	120	418
6:45PM	5	13	3	0	21	3	10	13	0	26	30	149	7	0	186	6	100	8	0	114	347
Hourly Total	20	62	17	0	99	14	42	46	0	102	122	755	39	0	916	45	505	31	0	581	1698
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	189	328	174	0	691	149	302	453	0	904	481	4475	248	4	5208	149	4083	158	2	4392	11195
% Approach	27.4%	47.5%	25.2%	0%	-	16.5%	33.4%	50.1%	0%	-	9.2%	85.9%	4.8%	0.1%	-	3.4%	93.0%	3.6%	0%	-	-
% Total	1.7%	2.9%	1.6%	0%	6.2%	1.3%	2.7%	4.0%	0%	8.1%	4.3%	40.0%	2.2%	0%	46.5%	1.3%	36.5%	1.4%	0%	39.2%	-
Lights and Motorcycles	186	328	169	0	683	142	301	452	0	895	476	4365	244	4	5089	145	3958	153	2	4258	10925
% Lights and Motorcycles	98.4%	100%	97.1%	0%	98.8%	95.3%	99.7%	99.8%	0%	99.0%	99.0%	97.5%	98.4%	100%	97.7%	97.3%	96.9%	96.8%	100%	96.9%	97.6%
Heavy	3	0	5	0	8	7	1	1	0	9	5	110	4	0	119	4	125	5	0	134	270
% Heavy	1.6%	0%	2.9%	0%	1.2%	4.7%	0.3%	0.2%	0%	1.0%	1.0%	2.5%	1.6%	0%	2.3%	2.7%	3.1%	3.2%	0%	3.1%	2.4%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & HOWERD - TMC

Thu Jan 10, 2019

AM Peak (7:15AM - 8:15AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611114, Location: 40.001355, -85.980347, Site Code: i-208



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-10 7:15AM	8	10	14	0	32	7	17	28	0	52	6	130	3	0	139	5	260	2	0	267	490
7:30AM	14	7	14	0	35	7	21	24	0	52	7	138	3	1	149	4	222	5	1	232	468
7:45AM	8	5	11	0	24	9	14	30	0	53	4	128	4	0	136	5	216	4	0	225	438
8:00AM	9	10	7	0	26	6	18	38	0	62	11	126	3	0	140	1	194	1	0	196	424
Total	39	32	46	0	117	29	70	120	0	219	28	522	13	1	564	15	892	12	1	920	1820
% Approach	33.3%	27.4%	39.3%	0%	-	13.2%	32.0%	54.8%	0%	-	5.0%	92.6%	2.3%	0.2%	-	1.6%	97.0%	1.3%	0.1%	-	-
% Total	2.1%	1.8%	2.5%	0%	6.4%	1.6%	3.8%	6.6%	0%	12.0%	1.5%	28.7%	0.7%	0.1%	31.0%	0.8%	49.0%	0.7%	0.1%	50.5%	-
PHF	0.696	0.800	0.821	-	0.836	0.806	0.833	0.789	-	0.883	0.636	0.946	0.813	0.250	0.946	0.750	0.858	0.600	0.250	0.861	0.929
Lights and Motorcycles	39	32	44	0	115	29	70	120	0	219	25	495	13	1	534	15	871	12	1	899	1767
% Lights and Motorcycles	100%	100%	95.7%	0%	98.3%	100%	100%	100%	0%	100%	89.3%	94.8%	100%	100%	94.7%	100%	97.6%	100%	100%	97.7%	97.1%
Heavy	0	0	2	0	2	0	0	0	0	0	3	27	0	0	30	0	21	0	0	21	53
% Heavy	0%	0%	4.3%	0%	1.7%	0%	0%	0%	0%	0%	10.7%	5.2%	0%	0%	5.3%	0%	2.4%	0%	0%	2.3%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & HOWE RD - TMC

Thu Jan 10, 2019

PM Peak (4:45PM - 5:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611114, Location: 40.001355, -85.980347, Site Code: i-208



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-10 4:45PM	5	24	6	0	35	5	12	10	0	27	30	263	15	0	308	11	185	7	0	203	573
5:00PM	9	15	8	0	32	2	13	11	0	26	35	312	21	0	368	4	167	6	0	177	603
5:15PM	3	30	6	0	39	6	14	12	0	32	25	302	24	0	351	9	188	9	0	206	628
5:30PM	8	21	7	0	36	10	8	10	0	28	34	256	18	1	309	7	176	11	0	194	567
Total	25	90	27	0	142	23	47	43	0	113	124	1133	78	1	1336	31	716	33	0	780	2371
% Approach	17.6%	63.4%	19.0%	0%	-	20.4%	41.6%	38.1%	0%	-	9.3%	84.8%	5.8%	0.1%	-	4.0%	91.8%	4.2%	0%	-	-
% Total	1.1%	3.8%	1.1%	0%	6.0%	1.0%	2.0%	1.8%	0%	4.8%	5.2%	47.8%	3.3%	0%	56.3%	1.3%	30.2%	1.4%	0%	32.9%	-
PHF	0.694	0.750	0.844	-	0.910	0.575	0.839	0.896	-	0.883	0.886	0.908	0.813	0.250	0.908	0.705	0.952	0.750	-	0.947	0.944
Lights and Motorcycles	25	90	27	0	142	23	47	43	0	113	124	1123	78	1	1326	31	705	33	0	769	2350
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	99.1%	100%	100%	99.3%	100%	98.5%	100%	0%	98.6%	99.1%
Heavy	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	11	0	0	11	21
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.9%	0%	0%	0.7%	0%	1.5%	0%	0%	1.4%	0.9%

*L: Left, R: Right, T: Thru, U: U-Turn

141ST ST & HOWERD *AM - TMC

Tue Apr 23, 2019

Full Length (6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646809, Location: 39.993728, -85.980294, Site Code: i-209



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-23																						
6:30AM	5	7	1	0	13	1	10	3	0	14	5	18	3	0	26	0	19	3	0	22	75	
6:45AM	2	13	1	0	16	8	20	5	0	33	6	60	3	0	69	4	28	5	0	37	155	
Hourly Total	7	20	2	0	29	9	30	8	0	47	11	78	6	0	95	4	47	8	0	59	230	
7:00AM	7	20	2	0	29	1	21	9	0	31	2	68	10	0	80	2	64	2	0	68	208	
7:15AM	9	19	8	0	36	6	11	2	0	19	5	53	6	0	64	6	76	0	0	82	201	
7:30AM	13	31	2	0	46	3	11	6	0	20	8	28	4	0	40	6	63	4	0	73	179	
7:45AM	10	10	1	0	21	2	25	6	0	33	5	29	2	0	36	2	54	2	0	58	148	
Hourly Total	39	80	13	0	132	12	68	23	0	103	20	178	22	0	220	16	257	8	0	281	736	
8:00AM	6	15	0	0	21	2	18	8	0	28	3	22	2	0	27	4	44	2	0	50	126	
8:15AM	10	14	5	0	29	4	12	6	0	22	2	26	4	0	32	3	52	2	0	57	140	
8:30AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
Hourly Total	16	30	5	0	51	6	30	14	0	50	5	48	6	0	59	7	96	4	0	107	267	
Total	62	130	20	0	212	27	128	45	0	200	36	304	34	0	374	27	400	20	0	447	1233	
% Approach	29.2%	61.3%	9.4%	0%	-	13.5%	64.0%	22.5%	0%	-	9.6%	81.3%	9.1%	0%	-	6.0%	89.5%	4.5%	0%	-	-	
% Total	5.0%	10.5%	1.6%	0%	17.2%	2.2%	10.4%	3.6%	0%	16.2%	2.9%	24.7%	2.8%	0%	30.3%	2.2%	32.4%	1.6%	0%	36.3%	-	
Lights and Motorcycles	54	129	19	0	202	24	127	44	0	195	35	285	33	0	353	27	385	20	0	432	1182	
% Lights and Motorcycles	87.1%	99.2%	95.0%	0%	95.3%	88.9%	99.2%	97.8%	0%	97.5%	97.2%	93.8%	97.1%	0%	94.4%	100%	96.3%	100%	0%	96.6%	95.9%	
Heavy	8	1	1	0	10	3	1	1	0	5	1	19	1	0	21	0	15	0	0	15	51	
% Heavy	12.9%	0.8%	5.0%	0%	4.7%	11.1%	0.8%	2.2%	0%	2.5%	2.8%	6.3%	2.9%	0%	5.6%	0%	3.8%	0%	0%	3.4%	4.1%	

* L: Left, R: Right, T: Thru, U: U-Turn

141ST ST & HOWERD - TMC

Thu Apr 18, 2019

Full Length (3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646810, Location: 39.993728, -85.980294, Site Code: i-209



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-18																					
3:00PM	12	9	0	0	21	1	7	1	0	9	3	26	4	0	33	2	68	2	0	72	135
3:15PM	12	15	5	0	32	3	14	3	0	20	5	37	2	0	44	2	66	0	0	68	164
3:30PM	3	12	3	0	18	5	16	6	0	27	6	37	5	0	48	1	44	3	0	48	141
3:45PM	8	14	2	0	24	3	17	3	0	23	5	45	6	0	56	3	34	1	0	38	141
Hourly Total	35	50	10	0	95	12	54	13	0	79	19	145	17	0	181	8	212	6	0	226	581
4:00PM	11	18	4	0	33	5	18	4	0	27	7	50	5	0	62	3	47	2	0	52	174
4:15PM	8	16	3	0	27	3	17	5	0	25	11	59	6	0	76	0	46	2	0	48	176
4:30PM	7	17	5	0	29	5	19	5	0	29	9	55	3	0	67	4	45	4	0	53	178
4:45PM	10	19	2	0	31	5	21	13	0	39	18	46	3	0	67	2	54	3	0	59	196
Hourly Total	36	70	14	0	120	18	75	27	0	120	45	210	17	0	272	9	192	11	0	212	724
5:00PM	9	21	1	0	31	6	19	13	0	38	4	64	9	0	77	1	40	2	0	43	189
5:15PM	8	31	2	0	41	6	29	13	0	48	13	67	5	0	85	3	38	2	0	43	217
5:30PM	1	26	5	0	32	4	22	8	0	34	5	67	8	0	80	0	40	5	0	45	191
5:45PM	7	20	4	0	31	7	12	9	0	28	6	49	11	0	66	1	37	0	0	38	163
Hourly Total	25	98	12	0	135	23	82	43	0	148	28	247	33	0	308	5	155	9	0	169	760
6:00PM	8	30	3	0	41	3	13	5	0	21	10	50	6	0	66	2	36	1	0	39	167
6:15PM	12	17	5	0	34	1	14	9	0	24	8	49	4	0	61	1	34	0	0	35	154
6:30PM	6	16	2	0	24	5	17	10	0	32	11	35	7	0	53	3	25	2	0	30	139
6:45PM	8	11	2	0	21	2	15	6	0	23	9	28	3	0	40	0	35	1	0	36	120
Hourly Total	34	74	12	0	120	11	59	30	0	100	38	162	20	0	220	6	130	4	0	140	580
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	130	292	48	0	470	64	270	113	0	447	130	764	87	0	981	28	689	30	0	747	2645
% Approach	27.7%	62.1%	10.2%	0%	-	14.3%	60.4%	25.3%	0%	-	13.3%	77.9%	8.9%	0%	-	3.7%	92.2%	4.0%	0%	-	-
% Total	4.9%	11.0%	1.8%	0%	17.8%	2.4%	10.2%	4.3%	0%	16.9%	4.9%	28.9%	3.3%	0%	37.1%	1.1%	26.0%	1.1%	0%	28.2%	-
Lights and Motorcycles	122	288	48	0	458	64	268	113	0	445	129	757	85	0	971	27	658	30	0	715	2589
% Lights and Motorcycles	93.8%	98.6%	100%	0%	97.4%	100%	99.3%	100%	0%	99.6%	99.2%	99.1%	97.7%	0%	99.0%	96.4%	95.5%	100%	0%	95.7%	97.9%
Heavy	8	4	0	0	12	0	2	0	0	2	1	7	2	0	10	1	31	0	0	32	56
% Heavy	6.2%	1.4%	0%	0%	2.6%	0%	0.7%	0%	0%	0.4%	0.8%	0.9%	2.3%	0%	1.0%	3.6%	4.5%	0%	0%	4.3%	2.1%

*L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & HOWERD *AM - TMC

Tue Apr 23, 2019

AM Peak (6:45 AM - 7:45 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646809, Location: 39.993728, -85.980294, Site Code: i-209



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-23																						
6:45AM	2	13	1	0	16	8	20	5	0	33	6	60	3	0	69	4	28	5	0	37	155	
7:00AM	7	20	2	0	29	1	21	9	0	31	2	68	10	0	80	2	64	2	0	68	208	
7:15AM	9	19	8	0	36	6	11	2	0	19	5	53	6	0	64	6	76	0	0	82	201	
7:30AM	13	31	2	0	46	3	11	6	0	20	8	28	4	0	40	6	63	4	0	73	179	
Total	31	83	13	0	127	18	63	22	0	103	21	209	23	0	253	18	231	11	0	260	743	
% Approach	24.4%	65.4%	10.2%	0%	-	17.5%	61.2%	21.4%	0%	-	8.3%	82.6%	9.1%	0%	-	6.9%	88.8%	4.2%	0%	-	-	
% Total	4.2%	11.2%	1.7%	0%	17.1%	2.4%	8.5%	3.0%	0%	13.9%	2.8%	28.1%	3.1%	0%	34.1%	2.4%	31.1%	1.5%	0%	35.0%	-	
PHF	0.596	0.669	0.406	-	0.690	0.563	0.750	0.611	-	0.780	0.656	0.768	0.575	-	0.791	0.750	0.760	0.550	-	0.793	0.893	
Lights and Motorcycles	27	83	13	0	123	17	62	22	0	101	20	198	22	0	240	18	220	11	0	249	713	
% Lights and Motorcycles	87.1%	100%	100%	0%	96.9%	94.4%	98.4%	100%	0%	98.1%	95.2%	94.7%	95.7%	0%	94.9%	100%	95.2%	100%	0%	95.8%	96.0%	
Heavy	4	0	0	0	4	1	1	0	0	2	1	11	1	0	13	0	11	0	0	11	30	
% Heavy	12.9%	0%	0%	0%	3.1%	5.6%	1.6%	0%	0%	1.9%	4.8%	5.3%	4.3%	0%	5.1%	0%	4.8%	0%	0%	4.2%	4.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & HOWERD - TMC

Thu Apr 18, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646810, Location: 39.993728, -85.980294, Site Code: i-209



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-18 4:45PM	10	19	2	0	31	5	21	13	0	39	18	46	3	0	67	2	54	3	0	59	196
5:00PM	9	21	1	0	31	6	19	13	0	38	4	64	9	0	77	1	40	2	0	43	189
5:15PM	8	31	2	0	41	6	29	13	0	48	13	67	5	0	85	3	38	2	0	43	217
5:30PM	1	26	5	0	32	4	22	8	0	34	5	67	8	0	80	0	40	5	0	45	191
Total	28	97	10	0	135	21	91	47	0	159	40	244	25	0	309	6	172	12	0	190	793
% Approach	20.7%	71.9%	7.4%	0%	-	13.2%	57.2%	29.6%	0%	-	12.9%	79.0%	8.1%	0%	-	3.2%	90.5%	6.3%	0%	-	-
% Total	3.5%	12.2%	1.3%	0%	17.0%	2.6%	11.5%	5.9%	0%	20.1%	5.0%	30.8%	3.2%	0%	39.0%	0.8%	21.7%	1.5%	0%	24.0%	-
PHF	0.700	0.782	0.500	-	0.823	0.875	0.784	0.904	-	0.828	0.556	0.910	0.694	-	0.909	0.500	0.796	0.600	-	0.805	0.914
Lights and Motorcycles	28	97	10	0	135	21	91	47	0	159	40	243	25	0	308	6	169	12	0	187	789
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	99.6%	100%	0%	99.7%	100%	98.3%	100%	0%	98.4%	99.5%
Heavy	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3	0	0	3	4
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.4%	0%	0%	0.3%	0%	1.7%	0%	0%	1.6%	0.5%

* L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & PROMISE RD - TMC

Tue Apr 23, 2019

Full Length (6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646808, Location: 39.99382, -85.970889, Site Code: i-210



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-23																						
6:30AM	2	23	0	0	25	1	31	0	0	32	0	10	9	0	19	1	18	5	0	24	100	
6:45AM	9	35	0	0	44	3	47	9	0	59	3	21	40	0	64	4	17	5	0	26	193	
Hourly Total	11	58	0	0	69	4	78	9	0	91	3	31	49	0	83	5	35	10	0	50	293	
7:00AM	18	30	4	0	52	3	33	8	0	44	3	18	54	0	75	5	34	8	0	47	218	
7:15AM	27	33	1	0	61	4	37	7	0	48	5	36	33	0	74	8	44	7	0	59	242	
7:30AM	16	45	4	0	65	3	33	10	0	46	5	11	13	0	29	3	33	6	0	42	182	
7:45AM	21	33	0	0	54	2	40	9	0	51	3	16	10	0	29	4	24	5	0	33	167	
Hourly Total	82	141	9	0	232	12	143	34	0	189	16	81	110	0	207	20	135	26	0	181	809	
8:00AM	9	21	1	0	31	2	41	5	0	48	2	14	7	0	23	9	32	3	0	44	146	
8:15AM	15	29	3	0	47	2	41	10	0	53	5	22	9	0	36	5	28	8	0	41	177	
Hourly Total	24	50	4	0	78	4	82	15	0	101	7	36	16	0	59	14	60	11	0	85	323	
Total	117	249	13	0	379	20	303	58	0	381	26	148	175	0	349	39	230	47	0	316	1425	
% Approach	30.9%	65.7%	3.4%	0%	-	5.2%	79.5%	15.2%	0%	-	7.4%	42.4%	50.1%	0%	-	12.3%	72.8%	14.9%	0%	-	-	
% Total	8.2%	17.5%	0.9%	0%	26.6%	1.4%	21.3%	4.1%	0%	26.7%	1.8%	10.4%	12.3%	0%	24.5%	2.7%	16.1%	3.3%	0%	22.2%	-	
Lights and Motorcycles	113	239	9	0	361	19	298	57	0	374	25	131	169	0	325	36	222	47	0	305	1365	
% Lights and Motorcycles	96.6%	96.0%	69.2%	0%	95.3%	95.0%	98.3%	98.3%	0%	98.2%	96.2%	88.5%	96.6%	0%	93.1%	92.3%	96.5%	100%	0%	96.5%	95.8%	
Heavy	4	10	4	0	18	1	5	1	0	7	1	17	6	0	24	3	8	0	0	11	60	
% Heavy	3.4%	4.0%	30.8%	0%	4.7%	5.0%	1.7%	1.7%	0%	1.8%	3.8%	11.5%	3.4%	0%	6.9%	7.7%	3.5%	0%	0%	3.5%	4.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & PROMISE RD *PM - TMC

Thu Apr 18, 2019

Full Length (3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646807, Location: 39.99382, -85.970889, Site Code: i-210



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-04-18																									
3:00PM	35	32	2	0	69	3	24	5	0	32	5	18	4	0	27	2	43	5	0	50	178				
3:15PM	28	45	1	0	74	6	29	8	0	43	8	22	18	0	48	0	25	4	0	29	194				
3:30PM	15	23	5	0	43	9	41	6	0	56	2	25	13	0	40	1	24	6	0	31	170				
3:45PM	12	38	10	0	60	3	36	4	0	43	5	29	13	0	47	5	18	2	0	25	175				
Hourly Total	90	138	18	0	246	21	130	23	0	174	20	94	48	0	162	8	110	17	0	135	717				
4:00PM	23	41	1	0	65	6	42	5	0	53	2	32	21	0	55	1	30	1	0	32	205				
4:15PM	17	44	4	0	65	7	30	8	0	45	5	50	10	0	65	4	21	4	0	29	204				
4:30PM	21	42	6	0	69	15	43	4	0	62	9	29	20	0	58	0	34	8	0	42	231				
4:45PM	19	61	5	0	85	9	62	2	0	73	7	28	15	0	50	5	24	7	0	36	244				
Hourly Total	80	188	16	0	284	37	177	19	0	233	23	139	66	0	228	10	109	20	0	139	884				
5:00PM	22	40	6	0	68	6	41	7	0	54	12	37	18	0	67	3	15	4	0	22	211				
5:15PM	13	55	8	0	76	6	44	4	0	54	13	39	22	0	74	1	16	7	0	24	228				
5:30PM	23	52	1	0	76	12	47	6	0	65	13	47	14	0	74	2	21	7	0	30	245				
5:45PM	19	44	2	0	65	9	46	6	0	61	6	29	21	0	56	3	18	3	0	24	206				
Hourly Total	77	191	17	0	285	33	178	23	0	234	44	152	75	0	271	9	70	21	0	100	890				
6:00PM	17	53	1	0	71	7	49	4	0	60	10	28	19	0	57	0	21	1	0	22	210				
6:15PM	11	40	6	0	57	3	42	4	0	49	9	32	12	0	53	2	15	4	0	21	180				
6:30PM	7	38	1	0	46	6	33	7	0	46	1	17	14	0	32	2	17	5	0	24	148				
6:45PM	16	33	6	0	55	9	36	3	0	48	1	21	10	0	32	2	15	5	0	22	157				
Hourly Total	51	164	14	0	229	25	160	18	0	203	21	98	55	0	174	6	68	15	0	89	695				
Total	298	681	65	0	1044	116	645	83	0	844	108	483	244	0	835	33	357	73	0	463	3186				
% Approach	28.5%	65.2%	6.2%	0%	-	13.7%	76.4%	9.8%	0%	-	12.9%	57.8%	29.2%	0%	-	7.1%	77.1%	15.8%	0%	-	-				
% Total	9.4%	21.4%	2.0%	0%	32.8%	3.6%	20.2%	2.6%	0%	26.5%	3.4%	15.2%	7.7%	0%	26.2%	1.0%	11.2%	2.3%	0%	14.5%	-				
Lights and Motorcycles	291	673	64	0	1028	116	637	83	0	836	108	480	240	0	828	33	336	73	0	442	3134				
% Lights and Motorcycles	97.7%	98.8%	98.5%	0%	98.5%	100%	98.8%	100%	0%	99.1%	100%	99.4%	98.4%	0%	99.2%	100%	94.1%	100%	0%	95.5%	98.4%				
Heavy	7	8	1	0	16	0	8	0	0	8	0	3	4	0	7	0	21	0	0	21	52				
% Heavy	2.3%	1.2%	1.5%	0%	1.5%	0%	1.2%	0%	0%	0.9%	0%	0.6%	1.6%	0%	0.8%	0%	5.9%	0%	0%	4.5%	1.6%				

*L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & PROMISE RD - TMC

Tue Apr 23, 2019

AM Peak (6:45 AM - 7:45 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646808, Location: 39.99382, -85.970889, Site Code: i-210



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-23																						
6:45AM	9	35	0	0	44	3	47	9	0	59	3	21	40	0	64	4	17	5	0	26	193	
7:00AM	18	30	4	0	52	3	33	8	0	44	3	18	54	0	75	5	34	8	0	47	218	
7:15AM	27	33	1	0	61	4	37	7	0	48	5	36	33	0	74	8	44	7	0	59	242	
7:30AM	16	45	4	0	65	3	33	10	0	46	5	11	13	0	29	3	33	6	0	42	182	
Total	70	143	9	0	222	13	150	34	0	197	16	86	140	0	242	20	128	26	0	174	835	
% Approach	31.5%	64.4%	4.1%	0%	-	6.6%	76.1%	17.3%	0%	-	6.6%	35.5%	57.9%	0%	-	11.5%	73.6%	14.9%	0%	-	-	
% Total	8.4%	17.1%	1.1%	0%	26.6%	1.6%	18.0%	4.1%	0%	23.6%	1.9%	10.3%	16.8%	0%	29.0%	2.4%	15.3%	3.1%	0%	20.8%	-	
PHF	0.648	0.794	0.563	-	0.854	0.813	0.798	0.850	-	0.835	0.800	0.597	0.648	-	0.807	0.625	0.727	0.813	-	0.737	0.863	
Lights and Motorcycles	66	137	6	0	209	12	149	34	0	195	15	76	135	0	226	19	123	26	0	168	798	
% Lights and Motorcycles	94.3%	95.8%	66.7%	0%	94.1%	92.3%	99.3%	100%	0%	99.0%	93.8%	88.4%	96.4%	0%	93.4%	95.0%	96.1%	100%	0%	96.6%	95.6%	
Heavy	4	6	3	0	13	1	1	0	0	2	1	10	5	0	16	1	5	0	0	6	37	
% Heavy	5.7%	4.2%	33.3%	0%	5.9%	7.7%	0.7%	0%	0%	1.0%	6.3%	11.6%	3.6%	0%	6.6%	5.0%	3.9%	0%	0%	3.4%	4.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & PROMISE RD *PM - TMC

Thu Apr 18, 2019

PM Peak (4:45 PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646807, Location: 39.99382, -85.970889, Site Code: i-210



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-18 4:45PM	19	61	5	0	85	9	62	2	0	73	7	28	15	0	50	5	24	7	0	36	244
5:00PM	22	40	6	0	68	6	41	7	0	54	12	37	18	0	67	3	15	4	0	22	211
5:15PM	13	55	8	0	76	6	44	4	0	54	13	39	22	0	74	1	16	7	0	24	228
5:30PM	23	52	1	0	76	12	47	6	0	65	13	47	14	0	74	2	21	7	0	30	245
Total	77	208	20	0	305	33	194	19	0	246	45	151	69	0	265	11	76	25	0	112	928
% Approach	25.2%	68.2%	6.6%	0%	-	13.4%	78.9%	7.7%	0%	-	17.0%	57.0%	26.0%	0%	-	9.8%	67.9%	22.3%	0%	-	-
% Total	8.3%	22.4%	2.2%	0%	32.9%	3.6%	20.9%	2.0%	0%	26.5%	4.8%	16.3%	7.4%	0%	28.6%	1.2%	8.2%	2.7%	0%	12.1%	-
PHF	0.837	0.852	0.625	-	0.897	0.688	0.782	0.679	-	0.842	0.865	0.803	0.784	-	0.895	0.550	0.792	0.893	-	0.778	0.947
Lights and Motorcycles	76	206	20	0	302	33	194	19	0	246	45	150	69	0	264	11	74	25	0	110	922
% Lights and Motorcycles	98.7%	99.0%	100%	0%	99.0%	100%	100%	100%	0%	100%	100%	99.3%	100%	0%	99.6%	100%	97.4%	100%	0%	98.2%	99.4%
Heavy	1	2	0	0	3	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2	6
% Heavy	1.3%	1.0%	0%	0%	1.0%	0%	0%	0%	0%	0%	0%	0.7%	0%	0%	0.4%	0%	2.6%	0%	0%	1.8%	0.6%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & MARILYN RD - T MC

Tue Apr 16, 2019

Full Length (2 AM-2 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646248, Location: 40.007582, -85.950669, Site Code: i-211



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2019-04-16																										
2:00AM	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1						2
2:15AM	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	2	0	0	3						5
2:30AM	1	0	1	0	2	0	0	0	0	0	0	3	0	0	3	0	4	0	0	4						9
2:45AM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	0	0	0	0	0						2
Hourly Total	3	0	1	0	4	0	0	0	0	0	0	6	0	0	6	1	7	0	0	8						18
3:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0						0
3:15AM	1	0	0	0	1	0	0	0	0	0	0	4	1	0	5	0	2	0	0	2						8
3:30AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	2	2	0	0	4						10
3:45AM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1						2
Hourly Total	1	0	0	0	1	0	0	0	0	0	0	11	1	0	12	2	5	0	0	7						20
4:00AM	1	0	1	0	2	0	0	0	0	0	0	1	0	0	1	0	2	0	0	2						5
4:15AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	1	0	0	1						7
4:30AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	1	7	0	0	8						14
4:45AM	1	0	0	0	1	0	0	0	0	0	0	8	0	0	8	3	8	0	0	11						20
Hourly Total	2	0	1	0	3	0	0	0	0	0	0	21	0	0	21	4	18	0	0	22						46
5:00AM	1	0	1	0	2	0	0	0	0	0	0	14	0	0	14	2	1	0	0	3						19
5:15AM	2	0	1	0	3	0	0	0	0	0	0	12	3	0	15	2	7	0	0	9						27
5:30AM	2	0	0	0	2	0	0	0	0	0	0	32	3	0	35	3	9	0	0	12						49
5:45AM	3	0	0	0	3	0	0	0	0	0	0	26	1	0	27	6	19	0	0	25						55
Hourly Total	8	0	2	0	10	0	0	0	0	0	0	84	7	0	91	13	36	0	0	49						150
6:00AM	1	0	1	0	2	0	0	0	0	0	1	32	5	0	38	3	16	0	0	19						59
6:15AM	6	0	2	0	8	0	0	0	0	0	0	48	13	0	61	6	24	0	0	30						99
6:30AM	9	0	3	0	12	0	0	0	0	0	0	69	13	0	82	7	33	0	0	40						134
6:45AM	10	0	6	0	16	0	0	0	0	0	2	76	17	0	95	16	34	1	0	51						162
Hourly Total	26	0	12	0	38	0	0	0	0	0	3	225	48	0	276	32	107	1	0	140						454
7:00AM	14	0	8	0	22	0	0	1	0	1	0	111	29	0	140	10	52	0	0	62						225
7:15AM	12	0	3	0	15	0	0	4	0	4	0	103	34	0	137	16	76	0	0	92						248
7:30AM	17	0	2	0	19	0	0	0	0	0	0	92	21	0	113	12	92	0	0	104						236
7:45AM	10	0	5	0	15	0	0	0	0	0	0	87	24	0	111	11	97	0	0	108						234
Hourly Total	53	0	18	0	71	0	0	5	0	5	0	393	108	0	501	49	317	0	0	366						943
8:00AM	14	0	6	0	20	0	0	0	0	0	0	90	9	0	99	11	79	0	0	90						209
8:15AM	14	0	3	0	17	0	0	0	0	0	0	94	17	0	111	14	65	0	0	79						207
8:30AM	15	0	2	0	17	1	0	0	0	1	1	79	20	0	100	5	62	2	0	69						187
8:45AM	12	0	5	0	17	0	0	0	0	0	0	56	8	0	64	13	70	0	0	83						164
Hourly Total	55	0	16	0	71	1	0	0	0	1	1	319	54	0	374	43	276	2	0	321						767
9:00AM	16	0	3	0	19	0	0	0	0	0	1	60	7	0	68	8	62	0	0	70						157
9:15AM	10	0	6	0	16	0	0	0	0	0	0	37	9	0	46	9	58	0	0	67						129
9:30AM	13	0	4	0	17	0	0	0	0	0	0	71	8	0	79	10	44	0	0	54						150
9:45AM	9	0	4	0	13	0	0	0	0	0	0	69	10	0	79	5	44	0	0	49						141
Hourly Total	48	0	17	0	65	0	0	0	0	0	1	237	34	0	272	32	208	0	0	240						577
10:00AM	9	0	6	0	15	0	0	0	0	0	0	51	10	0	61	4	48	0	0	52						128
10:15AM	6	1	9	0	16	0	0	0	0	0	0	54	5	0	59	3	39	0	0	42						117
10:30AM	10	0	3	0	13	0	1	0	0	1	0	39	10	0	49	9	54	0	0	63						126
10:45AM	14	0	4	0	18	0	0	1	0	1	0	54	15	0	69	2	66	0	0	68						156
Hourly Total	39	1	22	0	62	0	1	1	0	2	0	198	40	0	238	18	207	0	0	225						527
11:00AM	10	0	2	0	12	0	0	0	0	0	0	64	14	0	78	5	44	0	0	49						139
11:15AM	9	0	6	0	15	0	0	0	0	0	1	65	10	0	76	3	59	0	0	62						153
11:30AM	12	0	5	0	17	0	0	0	0	0	0	52	7	0	59	5	62	0	0	67						143
11:45AM	17	0	6	0	23	0	0	0	0	0	0	43	14	0	57	3	51	0	0	54						134
Hourly Total	48	0	19	0	67	0	0	0	0	0	1	224	45	0	270	16	216	0	0	232						569
12:00PM	8	0	7	0	15	0	0	0	0	0	0	70	15	0	85	5	73	0	0	78						178
12:15PM	6	0	5	0	11	1	0	1	0	2	0	70	11	0	81	8	60	0	0	68						162

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
12:30PM	12	0	6	0	18	0	0	0	0	0	0	73	8	0	81	7	69	0	0	76	175	
12:45PM	14	0	4	0	18	0	0	0	0	0	0	53	8	0	61	6	67	0	0	73	152	
Hourly Total	40	0	22	0	62	1	0	1	0	2	0	266	42	0	308	26	269	0	0	295	667	
1:00PM	11	0	4	0	15	0	0	0	0	0	1	77	12	0	90	5	57	0	0	62	167	
1:15PM	8	0	10	0	18	0	0	0	0	0	0	69	9	0	78	3	71	0	0	74	170	
1:30PM	5	0	7	0	12	0	0	0	0	0	0	71	11	0	82	8	72	0	0	80	174	
1:45PM	17	0	5	0	22	0	0	0	0	0	0	76	14	0	90	9	84	0	0	93	205	
Hourly Total	41	0	26	0	67	0	0	0	0	0	1	293	46	0	340	25	284	0	0	309	716	
2:00PM	10	0	9	0	19	0	0	0	0	0	2	59	11	0	72	6	82	0	0	88	179	
2:15PM	9	0	10	0	19	0	0	2	0	2	0	53	20	0	73	6	68	0	0	74	168	
2:30PM	16	0	6	0	22	0	0	0	0	0	0	64	14	0	78	5	85	0	0	90	190	
2:45PM	11	0	5	0	16	0	0	1	0	1	1	57	13	0	71	4	53	0	0	57	145	
Hourly Total	46	0	30	0	76	0	0	3	0	3	3	233	58	0	294	21	288	0	0	309	682	
3:00PM	30	0	17	0	47	0	0	1	0	1	0	77	6	0	83	7	99	0	0	106	237	
3:15PM	22	0	14	0	36	0	0	0	0	0	0	86	24	0	110	7	103	0	0	110	256	
3:30PM	12	0	11	0	23	0	0	0	0	0	0	75	14	0	89	4	101	0	0	105	217	
3:45PM	23	0	21	0	44	0	0	0	0	0	0	88	19	0	107	11	103	0	0	114	265	
Hourly Total	87	0	63	0	150	0	0	1	0	1	0	326	63	0	389	29	406	0	0	435	975	
4:00PM	25	0	18	0	43	0	0	0	0	0	0	75	19	0	94	12	103	0	0	115	252	
4:15PM	21	0	17	0	38	0	0	0	0	0	0	92	21	0	113	10	117	0	0	127	278	
4:30PM	15	0	15	0	30	0	0	0	0	0	0	97	15	0	112	6	147	0	0	153	295	
4:45PM	17	0	11	0	28	0	0	0	0	0	0	109	20	0	129	11	121	0	0	132	289	
Hourly Total	78	0	61	0	139	0	0	0	0	0	0	373	75	0	448	39	488	0	0	527	1114	
5:00PM	19	0	22	0	41	0	0	0	0	0	0	97	12	0	109	9	122	0	0	131	281	
5:15PM	25	0	14	0	39	0	0	0	0	0	0	111	18	0	129	4	127	0	0	131	299	
5:30PM	24	0	21	0	45	0	0	0	0	0	0	107	29	0	136	9	131	0	0	140	321	
5:45PM	27	0	21	0	48	0	0	0	0	0	0	97	23	0	120	5	136	0	0	141	309	
Hourly Total	95	0	78	0	173	0	0	0	0	0	0	412	82	0	494	27	516	0	0	543	1210	
6:00PM	20	0	11	0	31	0	0	0	0	0	0	92	21	0	113	11	111	0	0	122	266	
6:15PM	26	0	17	0	43	0	0	0	0	0	0	92	24	0	116	5	99	0	0	104	263	
6:30PM	21	0	13	0	34	0	0	0	0	0	0	92	17	0	109	1	83	0	0	84	227	
6:45PM	7	0	9	0	16	0	0	0	0	0	0	79	22	0	101	8	93	0	0	101	218	
Hourly Total	74	0	50	0	124	0	0	0	0	0	0	355	84	0	439	25	386	0	0	411	974	
7:00PM	17	0	15	0	32	1	0	0	0	1	0	69	14	0	83	4	80	0	0	84	200	
7:15PM	13	0	9	0	22	1	0	0	0	1	0	59	12	0	71	6	68	1	0	75	169	
7:30PM	19	0	12	0	31	0	0	0	0	0	0	56	9	0	65	1	82	0	0	83	179	
7:45PM	14	0	12	0	26	0	0	0	0	0	0	67	16	0	83	6	63	0	0	69	178	
Hourly Total	63	0	48	0	111	2	0	0	0	2	0	251	51	0	302	17	293	1	0	311	726	
8:00PM	13	0	8	0	21	0	0	0	0	0	0	69	7	0	76	3	66	0	0	69	166	
8:15PM	12	0	10	0	22	0	0	0	0	0	0	63	8	0	71	4	52	0	0	56	149	
8:30PM	12	0	14	0	26	0	0	0	0	0	0	61	8	0	69	1	64	0	0	65	160	
8:45PM	14	0	9	0	23	0	0	0	0	0	0	50	6	0	56	2	47	0	0	49	128	
Hourly Total	51	0	41	0	92	0	0	0	0	0	0	243	29	0	272	10	229	0	0	239	603	
9:00PM	14	0	8	0	22	0	0	0	0	0	0	52	6	0	58	5	57	0	0	62	142	
9:15PM	6	0	10	0	16	0	0	0	0	0	0	35	5	0	40	6	49	0	0	55	111	
9:30PM	12	0	4	0	16	0	0	0	0	0	0	42	6	0	48	1	52	0	0	53	117	
9:45PM	11	0	5	0	16	0	0	0	0	0	0	21	7	0	28	0	37	0	0	37	81	
Hourly Total	43	0	27	0	70	0	0	0	0	0	0	150	24	0	174	12	195	0	0	207	451	
10:00PM	8	0	5	0	13	0	0	0	0	0	0	19	1	0	20	2	27	0	0	29	62	
10:15PM	4	0	5	0	9	0	0	0	0	0	0	16	3	0	19	3	24	0	0	27	55	
10:30PM	6	0	3	0	9	0	0	0	0	0	0	13	8	0	21	1	13	0	0	14	44	
10:45PM	4	0	3	0	7	0	0	0	0	0	0	15	1	0	16	2	14	0	0	16	39	
Hourly Total	22	0	16	0	38	0	0	0	0	0	0	63	13	0	76	8	78	0	0	86	200	
11:00PM	2	0	1	0	3	0	0	0	0	0	0	11	5	0	16	0	12	0	0	12	31	
11:15PM	2	0	1	0	3	0	0	0	0	0	0	10	0	0	10	1	11	0	0	12	25	
11:30PM	4	0	1	0	5	0	0	0	0	0	0	10	0	0	10	0	14	0	0	14	29	
11:45PM	2	0	2	0	4	0	0	0	0	0	0	3	2	0	5	1	7	0	0	8	17	
Hourly Total	10	0	5	0	15	0	0	0	0	0	0	34	7	0	41	2	44	0	0	46	102	
2019-04-17																						
12:00AM	2	0	1	0	3	0	0	0	0	0	0	7	3	0	10	0	13	0	0	13	26	
12:15AM	1	0	1	0	2	0	0	0	0	0	0	2	0	0	2	0	7	0	0	7	11	

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
12:30AM	2	0	0	0	2	0	0	0	0	0	0	3	0	0	3	1	6	0	0	7	12
12:45AM	3	0	0	0	3	0	0	0	0	0	0	4	2	0	6	0	2	0	0	2	11
Hourly Total	8	0	2	0	10	0	0	0	0	0	0	16	5	0	21	1	28	0	0	29	60
1:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	3
1:15AM	2	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	5
1:30AM	0	0	0	0	0	0	0	0	0	0	0	1	2	0	3	0	3	0	0	3	6
1:45AM	0	0	0	0	0	0	0	0	0	0	0	2	1	0	3	0	2	0	0	2	5
Hourly Total	2	0	1	0	3	0	0	0	0	0	0	3	3	0	6	0	10	0	0	10	19
2:00AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	943	1	578	0	1522	4	1	11	0	16	10	4736	919	0	5665	452	4911	4	0	5367	12570
% Approach	62.0%	0.1%	38.0%	0%	-	25.0%	6.3%	68.8%	0%	-	0.2%	83.6%	16.2%	0%	-	8.4%	91.5%	0.1%	0%	-	-
% Total	7.5%	0%	4.6%	0%	12.1%	0%	0%	0.1%	0%	0.1%	0.1%	37.7%	7.3%	0%	45.1%	3.6%	39.1%	0%	0%	42.7%	-
Lights and Motorcycles	908	1	560	0	1469	3	1	11	0	15	10	4585	884	0	5479	432	4753	2	0	5187	12150
% Lights and Motorcycles	96.3%	100%	96.9%	0%	96.5%	75.0%	100%	100%	0%	93.8%	100%	96.8%	96.2%	0%	96.7%	95.6%	96.8%	50.0%	0%	96.6%	96.7%
Heavy	35	0	18	0	53	1	0	0	0	1	0	151	35	0	186	20	158	2	0	180	420
% Heavy	3.7%	0%	3.1%	0%	3.5%	25.0%	0%	0%	0%	6.3%	0%	3.2%	3.8%	0%	3.3%	4.4%	3.2%	50.0%	0%	3.4%	3.3%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & MARILYN RD - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646248, Location: 40.007582, -85.950669, Site Code: i-211



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 7:00AM	14	0	8	0	22	0	0	1	0	1	0	111	29	0	140	10	52	0	0	62	225
7:15AM	12	0	3	0	15	0	0	4	0	4	0	103	34	0	137	16	76	0	0	92	248
7:30AM	17	0	2	0	19	0	0	0	0	0	0	92	21	0	113	12	92	0	0	104	236
7:45AM	10	0	5	0	15	0	0	0	0	0	0	87	24	0	111	11	97	0	0	108	234
Total	53	0	18	0	71	0	0	5	0	5	0	393	108	0	501	49	317	0	0	366	943
% Approach	74.6%	0%	25.4%	0%	-	0%	0%	100%	0%	-	0%	78.4%	21.6%	0%	-	13.4%	86.6%	0%	0%	-	-
% Total	5.6%	0%	1.9%	0%	7.5%	0%	0%	0.5%	0%	0.5%	0%	41.7%	11.5%	0%	53.1%	5.2%	33.6%	0%	0%	38.8%	-
PHF	0.779	-	0.563	-	0.807	-	-	0.313	-	0.313	-	0.885	0.794	-	0.895	0.766	0.817	-	-	0.847	0.951
Lights and Motorcycles	47	0	14	0	61	0	0	5	0	5	0	384	105	0	489	48	304	0	0	352	907
% Lights and Motorcycles	88.7%	0%	77.8%	0%	85.9%	0%	0%	100%	0%	100%	0%	97.7%	97.2%	0%	97.6%	98.0%	95.9%	0%	0%	96.2%	96.2%
Heavy	6	0	4	0	10	0	0	0	0	0	0	9	3	0	12	1	13	0	0	14	36
% Heavy	11.3%	0%	22.2%	0%	14.1%	0%	0%	0%	0%	0%	0%	2.3%	2.8%	0%	2.4%	2.0%	4.1%	0%	0%	3.8%	3.8%

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE & MARILYN RD - T MC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646248, Location: 40.007582, -85.950669, Site Code: i-211



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 5:00PM	19	0	22	0	41	0	0	0	0	0	0	97	12	0	109	9	122	0	0	131	281
5:15PM	25	0	14	0	39	0	0	0	0	0	0	111	18	0	129	4	127	0	0	131	299
5:30PM	24	0	21	0	45	0	0	0	0	0	0	107	29	0	136	9	131	0	0	140	321
5:45PM	27	0	21	0	48	0	0	0	0	0	0	97	23	0	120	5	136	0	0	141	309
Total	95	0	78	0	173	0	0	0	0	0	0	412	82	0	494	27	516	0	0	543	1210
% Approach	54.9%	0%	45.1%	0%	-	0%	0%	0%	0%	-	0%	83.4%	16.6%	0%	-	5.0%	95.0%	0%	0%	-	-
% Total	7.9%	0%	6.4%	0%	14.3%	0%	0%	0%	0%	0%	0%	34.0%	6.8%	0%	40.8%	2.2%	42.6%	0%	0%	44.9%	-
PHF	0.880	-	0.886	-	0.901	-	-	-	-	-	-	0.928	0.707	-	0.908	0.750	0.949	-	-	0.963	0.942
Lights and Motorcycles	95	0	78	0	173	0	0	0	0	0	0	409	78	0	487	26	507	0	0	533	1193
% Lights and Motorcycles	100%	0%	100%	0%	100%	0%	0%	0%	0%	-	0%	99.3%	95.1%	0%	98.6%	96.3%	98.3%	0%	0%	98.2%	98.6%
Heavy	0	0	0	0	0	0	0	0	0	0	0	3	4	0	7	1	9	0	0	10	17
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	-	0%	0.7%	4.9%	0%	1.4%	3.7%	1.7%	0%	0%	1.8%	1.4%

* L: Left, R: Right, T: Thru, U: U-Turn

146TH & MARILYN RD - TMC

Tue Oct 2, 2018

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 583076, Location: 40.00105, -85.950751, Site Code: I-222



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-10-02																					
3:00PM	14	33	16	0	63	1	7	1	0	9	23	188	6	0	217	7	107	7	0	121	410
3:15PM	5	22	17	0	44	0	20	5	0	25	32	187	6	0	225	10	122	4	0	136	430
3:30PM	8	9	14	0	31	4	16	7	0	27	16	164	18	0	198	11	134	3	0	148	404
3:45PM	5	20	19	0	44	4	16	8	0	28	25	186	12	0	223	13	105	6	0	124	419
Hourly Total	32	84	66	0	182	9	59	21	0	89	96	725	42	0	863	41	468	20	0	529	1663
4:00PM	5	9	7	0	21	4	18	15	0	37	18	181	16	0	215	21	112	4	0	137	410
4:15PM	7	20	16	0	43	2	10	10	0	22	17	172	10	0	199	14	155	5	0	174	438
4:30PM	8	12	14	0	34	2	11	6	0	19	23	215	17	0	255	23	140	4	0	167	475
4:45PM	5	11	14	0	30	3	20	7	0	30	17	195	14	0	226	17	140	8	0	165	451
Hourly Total	25	52	51	0	128	11	59	38	0	108	75	763	57	0	895	75	547	21	0	643	1774
5:00PM	10	18	18	0	46	4	18	18	0	40	19	203	21	0	243	26	169	6	0	201	530
5:15PM	7	22	32	0	61	5	20	8	0	33	27	181	22	0	230	27	161	7	0	195	519
5:30PM	17	25	16	0	58	6	16	12	0	34	33	209	22	0	264	17	153	5	0	175	531
5:45PM	10	22	27	0	59	2	21	9	0	32	20	189	25	0	234	9	132	7	0	148	473
Hourly Total	44	87	93	0	224	17	75	47	0	139	99	782	90	0	971	79	615	25	0	719	2053
6:00PM	14	21	14	0	49	1	21	8	0	30	21	163	19	0	203	17	139	4	0	160	442
6:15PM	9	14	20	0	43	3	15	15	0	33	21	174	11	0	206	25	136	2	0	163	445
6:30PM	9	10	14	0	33	2	11	9	0	22	19	137	8	1	165	17	113	6	0	136	356
6:45PM	4	10	19	0	33	3	8	6	0	17	19	143	13	0	175	8	108	7	0	123	348
Hourly Total	36	55	67	0	158	9	55	38	0	102	80	617	51	1	749	67	496	19	0	582	1591
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-10-03																					
6:30AM	9	6	24	0	39	6	7	18	0	31	4	77	2	0	83	5	130	0	0	135	288
6:45AM	10	11	24	0	45	4	16	20	0	40	8	108	3	0	119	5	147	0	0	152	356
Hourly Total	19	17	48	0	84	10	23	38	0	71	12	185	5	0	202	10	277	0	0	287	644
7:00AM	10	14	31	0	55	5	20	25	0	50	4	111	2	0	117	5	134	2	0	141	363
7:15AM	13	9	31	0	53	4	31	34	0	69	4	132	9	0	145	6	138	0	0	144	411
7:30AM	24	17	23	0	64	5	12	24	0	41	6	148	6	0	160	6	149	1	0	156	421
7:45AM	27	9	22	0	58	5	13	25	0	43	4	133	6	0	143	4	167	1	0	172	416
Hourly Total	74	49	107	0	230	19	76	108	0	203	18	524	23	0	565	21	588	4	0	613	1611
8:00AM	15	17	27	0	59	6	9	17	0	32	3	129	10	0	142	12	135	3	0	150	383
8:15AM	14	6	23	0	43	8	15	20	0	43	4	129	8	0	141	8	156	1	0	165	392
Hourly Total	29	23	50	0	102	14	24	37	0	75	7	258	18	0	283	20	291	4	0	315	775
Total	259	367	482	0	1108	89	371	327	0	787	387	3854	286	1	4528	313	3282	93	0	3688	10111
% Approach	23.4%	33.1%	43.5%	0%	-	11.3%	47.1%	41.6%	0%	-	8.5%	85.1%	6.3%	0%	-	8.5%	89.0%	2.5%	0%	-	-
% Total	2.6%	3.6%	4.8%	0%	11.0%	0.9%	3.7%	3.2%	0%	7.8%	3.8%	38.1%	2.8%	0%	44.8%	3.1%	32.5%	0.9%	0%	36.5%	-
Lights and Motorcycles	258	354	476	0	1088	86	342	312	0	740	369	3752	282	1	4404	307	3176	85	0	3568	9800
% Lights and Motorcycles	99.6%	96.5%	98.8%	0%	98.2%	96.6%	92.2%	95.4%	0%	94.0%	95.3%	97.4%	98.6%	100%	97.3%	98.1%	96.8%	91.4%	0%	96.7%	96.9%
Heavy	1	13	6	0	20	3	29	15	0	47	18	102	4	0	124	6	106	8	0	120	311
% Heavy	0.4%	3.5%	1.2%	0%	1.8%	3.4%	7.8%	4.6%	0%	6.0%	4.7%	2.6%	1.4%	0%	2.7%	1.9%	3.2%	8.6%	0%	3.3%	3.1%

* L: Left, R: Right, T: Thru, U: U-Turn

146TH & MARILYN RD - TMC

Wed Oct 3, 2018

AM Peak (Oct 03 2018 7:15AM - 8:15AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 583076, Location: 40.00105, -85.950751, Site Code: I-222



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-10-03																						
7:15AM	13	9	31	0	53	4	31	34	0	69	4	132	9	0	145	6	138	0	0	144	411	
7:30AM	24	17	23	0	64	5	12	24	0	41	6	148	6	0	160	6	149	1	0	156	421	
7:45AM	27	9	22	0	58	5	13	25	0	43	4	133	6	0	143	4	167	1	0	172	416	
8:00AM	15	17	27	0	59	6	9	17	0	32	3	129	10	0	142	12	135	3	0	150	383	
Total	79	52	103	0	234	20	65	100	0	185	17	542	31	0	590	28	589	5	0	622	1631	
% Approach	33.8%	22.2%	44.0%	0%	-	10.8%	35.1%	54.1%	0%	-	2.9%	91.9%	5.3%	0%	-	4.5%	94.7%	0.8%	0%	-	-	
% Total	4.8%	3.2%	6.3%	0%	14.3%	1.2%	4.0%	6.1%	0%	11.3%	1.0%	33.2%	1.9%	0%	36.2%	1.7%	36.1%	0.3%	0%	38.1%	-	
PHF	0.731	0.765	0.831	-	0.914	0.833	0.524	0.735	-	0.670	0.708	0.916	0.775	-	0.922	0.583	0.882	0.417	-	0.904	0.969	
Lights and Motorcycles	79	51	100	0	230	20	62	97	0	179	16	523	30	0	569	26	560	3	0	589	1567	
% Lights and Motorcycles	100%	98.1%	97.1%	0%	98.3%	100%	95.4%	97.0%	0%	96.8%	94.1%	96.5%	96.8%	0%	96.4%	92.9%	95.1%	60.0%	0%	94.7%	96.1%	
Heavy	0	1	3	0	4	0	3	3	0	6	1	19	1	0	21	2	29	2	0	33	64	
% Heavy	0%	1.9%	2.9%	0%	1.7%	0%	4.6%	3.0%	0%	3.2%	5.9%	3.5%	3.2%	0%	3.6%	7.1%	4.9%	40.0%	0%	5.3%	3.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH & MARILYN RD - TMC

Tue Oct 2, 2018

PM Peak (Oct 02 2018 5PM - 6PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 583076, Location: 40.00105, -85.950751, Site Code: I-222



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2018-10-02																						
5:00PM	10	18	18	0	46	4	18	18	0	40	19	203	21	0	243	26	169	6	0	201	530	
5:15PM	7	22	32	0	61	5	20	8	0	33	27	181	22	0	230	27	161	7	0	195	519	
5:30PM	17	25	16	0	58	6	16	12	0	34	33	209	22	0	264	17	153	5	0	175	531	
5:45PM	10	22	27	0	59	2	21	9	0	32	20	189	25	0	234	9	132	7	0	148	473	
Total	44	87	93	0	224	17	75	47	0	139	99	782	90	0	971	79	615	25	0	719	2053	
% Approach	19.6%	38.8%	41.5%	0%	-	12.2%	54.0%	33.8%	0%	-	10.2%	80.5%	9.3%	0%	-	11.0%	85.5%	3.5%	0%	-	-	
% Total	2.1%	4.2%	4.5%	0%	10.9%	0.8%	3.7%	2.3%	0%	6.8%	4.8%	38.1%	4.4%	0%	47.3%	3.8%	30.0%	1.2%	0%	35.0%	-	
PHF	0.647	0.870	0.727	-	0.918	0.708	0.893	0.653	-	0.869	0.750	0.935	0.900	-	0.920	0.731	0.910	0.893	-	0.894	0.967	
Lights and Motorcycles	44	87	93	0	224	17	75	46	0	138	99	770	88	0	957	79	601	25	0	705	2024	
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	97.9%	0%	99.3%	100%	98.5%	97.8%	0%	98.6%	100%	97.7%	100%	0%	98.1%	98.6%	
Heavy	0	0	0	0	0	0	0	1	0	1	0	12	2	0	14	0	14	0	0	14	29	
% Heavy	0%	0%	0%	0%	0%	0%	0%	2.1%	0%	0.7%	0%	1.5%	2.2%	0%	1.4%	0%	2.3%	0%	0%	1.9%	1.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE (146TH) & BODEN RD - TMC

Tue Oct 2, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641324, Location: 40.00139, -85.937844, Site Code: i-213



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-10-02																					
3:00PM	41	48	4	0	93	11	37	1	0	49	0	23	42	0	65	2	39	15	0	56	263
3:15PM	31	52	7	0	90	19	33	1	0	53	8	33	31	0	72	1	40	20	0	61	276
3:30PM	50	77	2	0	129	15	47	2	0	64	3	20	36	0	59	5	40	25	0	70	322
3:45PM	62	68	6	0	136	13	40	3	0	56	4	47	33	0	84	3	47	18	0	68	344
Hourly Total	184	245	19	0	448	58	157	7	0	222	15	123	142	0	280	11	166	78	0	255	1205
4:00PM	61	61	4	0	126	10	37	2	0	49	6	50	52	0	108	1	44	20	0	65	348
4:15PM	53	67	7	0	127	19	46	3	0	68	7	37	33	0	77	7	49	20	0	76	348
4:30PM	65	78	3	0	146	11	46	6	0	63	4	52	42	0	98	10	60	37	0	107	414
4:45PM	70	69	3	0	142	13	54	5	0	72	3	62	43	0	108	1	46	30	0	77	399
Hourly Total	249	275	17	0	541	53	183	16	0	252	20	201	170	0	391	19	199	107	0	325	1509
5:00PM	82	93	4	0	179	15	61	7	0	83	1	57	33	0	91	5	49	39	0	93	446
5:15PM	86	92	1	0	179	29	43	5	0	77	5	45	38	0	88	6	68	32	0	106	450
5:30PM	73	74	2	0	149	15	59	3	0	77	10	50	31	0	91	2	59	23	0	84	401
5:45PM	95	105	2	0	202	17	52	0	0	69	3	58	47	0	108	0	53	15	0	68	447
Hourly Total	336	364	9	0	709	76	215	15	0	306	19	210	149	0	378	13	229	109	0	351	1744
6:00PM	43	76	1	0	120	20	53	5	0	78	3	49	36	0	88	2	34	32	0	68	354
6:15PM	70	81	1	0	152	18	51	2	0	71	3	33	45	0	81	2	38	37	0	77	381
6:30PM	58	60	1	0	119	20	42	4	0	66	2	30	36	0	68	1	37	25	0	63	316
6:45PM	49	70	0	0	119	17	53	0	0	70	3	31	29	0	63	0	43	30	0	73	325
Hourly Total	220	287	3	0	510	75	199	11	0	285	11	143	146	0	300	5	152	124	0	281	1376
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
2018-10-03																					
6:30AM	13	11	4	0	28	22	69	2	0	93	4	32	47	0	83	1	13	2	0	16	220
6:45AM	22	21	2	1	46	45	95	2	0	142	0	51	58	0	109	0	15	3	0	18	315
Hourly Total	35	32	6	1	74	67	164	4	0	235	4	83	105	0	192	1	28	5	0	34	535
7:00AM	14	28	3	0	45	40	79	2	0	121	2	56	64	0	122	2	22	3	0	27	315
7:15AM	32	25	1	0	58	37	86	1	0	124	2	63	57	0	122	4	30	15	0	49	353
7:30AM	37	31	4	0	72	43	74	6	0	123	4	50	50	0	104	4	31	15	0	50	349
7:45AM	38	22	8	0	68	43	80	4	0	127	1	49	62	0	112	4	35	8	0	47	354
Hourly Total	121	106	16	0	243	163	319	13	0	495	9	218	233	0	460	14	118	41	0	173	1371
8:00AM	29	36	7	0	72	25	66	3	0	94	3	40	52	0	95	2	29	8	0	39	300
8:15AM	35	24	5	0	64	27	87	2	0	116	2	51	53	0	106	1	23	8	0	32	318
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1
Hourly Total	64	60	12	0	136	52	153	5	0	210	5	91	106	0	202	3	52	16	0	71	619
Total	1209	1369	82	1	2661	544	1390	71	0	2005	83	1069	1051	0	2203	67	944	480	0	1491	8360
% Approach	45.4%	51.4%	3.1%	0%	-	27.1%	69.3%	3.5%	0%	-	3.8%	48.5%	47.7%	0%	-	4.5%	63.3%	32.2%	0%	-	-
% Total	14.5%	16.4%	1.0%	0%	31.8%	6.5%	16.6%	0.8%	0%	24.0%	1.0%	12.8%	12.6%	0%	26.4%	0.8%	11.3%	5.7%	0%	17.8%	-
Lights and Motorcycles	1181	1311	75	1	2568	534	1353	65	0	1952	79	1051	1014	0	2144	64	913	466	0	1443	8107
% Lights and Motorcycles	97.7%	95.8%	91.5%	100%	96.5%	98.2%	97.3%	91.5%	0%	97.4%	95.2%	98.3%	96.5%	0%	97.3%	95.5%	96.7%	97.1%	0%	96.8%	97.0%
Heavy	28	58	7	0	93	10	37	6	0	53	4	18	37	0	59	3	31	14	0	48	253
% Heavy	2.3%	4.2%	8.5%	0%	3.5%	1.8%	2.7%	8.5%	0%	2.6%	4.8%	1.7%	3.5%	0%	2.7%	4.5%	3.3%	2.9%	0%	3.2%	3.0%

* L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE (146TH) & BODEN RD - TMC

Wed Oct 3, 2018

AM Peak (Oct 03 2018 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641324, Location: 40.00139, -85.937844, Site Code: i-213



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2018-10-03																									
7:00AM	14	28	3	0	45	40	79	2	0	121	2	56	64	0	122	2	22	3	0	27	315				
7:15AM	32	25	1	0	58	37	86	1	0	124	2	63	57	0	122	4	30	15	0	49	353				
7:30AM	37	31	4	0	72	43	74	6	0	123	4	50	50	0	104	4	31	15	0	50	349				
7:45AM	38	22	8	0	68	43	80	4	0	127	1	49	62	0	112	4	35	8	0	47	354				
Total	121	106	16	0	243	163	319	13	0	495	9	218	233	0	460	14	118	41	0	173	1371				
% Approach	49.8%	43.6%	6.6%	0%	-	32.9%	64.4%	2.6%	0%	-	2.0%	47.4%	50.7%	0%	-	8.1%	68.2%	23.7%	0%	-	-				
% Total	8.8%	7.7%	1.2%	0%	17.7%	11.9%	23.3%	0.9%	0%	36.1%	0.7%	15.9%	17.0%	0%	33.6%	1.0%	8.6%	3.0%	0%	12.6%	-				
PHF	0.796	0.855	0.500	-	0.844	0.948	0.927	0.542	-	0.974	0.563	0.865	0.910	-	0.943	0.875	0.843	0.683	-	0.865	0.968				
Lights and Motorcycles	114	95	16	0	225	156	313	11	0	480	8	213	226	0	447	14	114	34	0	162	1314				
% Lights and Motorcycles	94.2%	89.6%	100%	0%	92.6%	95.7%	98.1%	84.6%	0%	97.0%	88.9%	97.7%	97.0%	0%	97.2%	100%	96.6%	82.9%	0%	93.6%	95.8%				
Heavy	7	11	0	0	18	7	6	2	0	15	1	5	7	0	13	0	4	7	0	11	57				
% Heavy	5.8%	10.4%	0%	0%	7.4%	4.3%	1.9%	15.4%	0%	3.0%	11.1%	2.3%	3.0%	0%	2.8%	0%	3.4%	17.1%	0%	6.4%	4.2%				

*L: Left, R: Right, T: Thru, U: U-Turn

GREENFIELD AVE (146TH) & BODEN RD - TMC

Tue Oct 2, 2018

PM Peak (Oct 02 2018 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641324, Location: 40.00139, -85.937844, Site Code: i-213



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int					
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App						
2018-10-02																										
5:00PM	82	93	4	0	179	15	61	7	0	83	1	57	33	0	91	5	49	39	0	93	446					
5:15PM	86	92	1	0	179	29	43	5	0	77	5	45	38	0	88	6	68	32	0	106	450					
5:30PM	73	74	2	0	149	15	59	3	0	77	10	50	31	0	91	2	59	23	0	84	401					
5:45PM	95	105	2	0	202	17	52	0	0	69	3	58	47	0	108	0	53	15	0	68	447					
Total	336	364	9	0	709	76	215	15	0	306	19	210	149	0	378	13	229	109	0	351	1744					
% Approach	47.4%	51.3%	1.3%	0%	-	24.8%	70.3%	4.9%	0%	-	5.0%	55.6%	39.4%	0%	-	3.7%	65.2%	31.1%	0%	-	-					
% Total	19.3%	20.9%	0.5%	0%	40.7%	4.4%	12.3%	0.9%	0%	17.5%	1.1%	12.0%	8.5%	0%	21.7%	0.7%	13.1%	6.3%	0%	20.1%	-					
PHF	0.884	0.867	0.563	-	0.877	0.655	0.881	0.536	-	0.922	0.475	0.905	0.793	-	0.875	0.542	0.842	0.699	-	0.828	0.969					
Lights and Motorcycles	335	362	9	0	706	76	214	15	0	305	19	206	146	0	371	12	227	109	0	348	1730					
% Lights and Motorcycles	99.7%	99.5%	100%	0%	99.6%	100%	99.5%	100%	0%	99.7%	100%	98.1%	98.0%	0%	98.1%	92.3%	99.1%	100%	0%	99.1%	99.2%					
Heavy	1	2	0	0	3	0	1	0	0	1	0	4	3	0	7	1	2	0	0	3	14					
% Heavy	0.3%	0.5%	0%	0%	0.4%	0%	0.5%	0%	0%	0.3%	0%	1.9%	2.0%	0%	1.9%	7.7%	0.9%	0%	0%	0.9%	0.8%					

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & BERGEN BLVD - TMC

Wed Mar 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636980, Location: 40.001596, -85.926863, Site Code: i-214



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-06 6:30AM	10	0	0	0	10	0	0	0	0	0	0	17	40	0	57	3	10	0	0	13	80
6:45AM	12	0	0	0	12	0	0	0	0	0	0	24	64	0	88	4	12	0	0	16	116
Hourly Total	22	0	0	0	22	0	0	0	0	0	0	41	104	0	145	7	22	0	0	29	196
7:00AM	9	0	2	0	11	0	0	0	0	0	0	30	77	0	107	0	16	0	0	16	134
7:15AM	19	0	0	0	19	0	0	0	0	0	0	37	68	0	105	5	23	0	0	28	152
7:30AM	14	0	0	0	14	0	0	0	0	0	0	24	64	0	88	3	32	0	0	35	137
7:45AM	23	0	2	0	25	0	0	0	0	0	0	26	57	0	83	6	30	0	0	36	144
Hourly Total	65	0	4	0	69	0	0	0	0	0	0	117	266	0	383	14	101	0	0	115	567
8:00AM	26	0	2	0	28	0	0	0	0	0	0	28	42	0	70	1	15	0	0	16	114
8:15AM	21	0	2	0	23	0	0	0	0	0	0	21	47	0	68	2	23	0	0	25	116
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Hourly Total	47	0	4	0	51	0	0	0	0	0	0	49	89	0	138	4	38	0	0	42	231
3:00PM	30	0	5	0	35	0	0	0	0	0	0	25	20	0	45	2	42	0	0	44	124
3:15PM	43	0	1	0	44	0	0	0	0	0	0	27	28	0	55	0	30	0	0	30	129
3:30PM	52	0	3	0	55	0	0	0	0	0	0	29	22	0	51	6	31	0	0	37	143
3:45PM	44	0	0	0	44	0	0	0	0	0	0	26	33	0	59	2	28	0	0	30	133
Hourly Total	169	0	9	0	178	0	0	0	0	0	0	107	103	0	210	10	131	0	0	141	529
4:00PM	53	0	5	0	58	0	0	0	0	0	0	25	37	0	62	1	31	0	0	32	152
4:15PM	57	0	2	0	59	0	0	0	0	0	0	20	30	0	50	6	30	0	0	36	145
4:30PM	75	0	28	0	103	0	0	0	0	0	0	34	32	0	66	0	32	0	0	32	201
4:45PM	65	0	2	0	67	0	0	0	0	0	0	46	36	0	82	1	32	0	0	33	182
Hourly Total	250	0	37	0	287	0	0	0	0	0	0	125	135	0	260	8	125	0	0	133	680
5:00PM	79	0	4	0	83	0	0	0	0	0	0	49	39	0	88	2	30	0	0	32	203
5:15PM	70	0	3	0	73	0	0	0	0	0	0	35	35	0	70	2	37	0	0	39	182
5:30PM	56	0	3	0	59	0	0	0	0	0	0	35	40	0	75	3	31	0	0	34	168
5:45PM	62	0	4	0	66	0	0	0	0	0	0	45	35	0	80	4	18	0	0	22	168
Hourly Total	267	0	14	0	281	0	0	0	0	0	0	164	149	0	313	11	116	0	0	127	721
6:00PM	52	0	2	0	54	0	0	0	0	0	0	26	35	0	61	5	25	0	0	30	145
6:15PM	52	0	3	0	55	0	0	0	0	0	0	29	34	0	63	1	24	0	0	25	143
6:30PM	55	0	2	0	57	0	0	0	0	0	0	29	43	0	72	3	22	0	0	25	154
6:45PM	31	0	5	0	36	0	0	0	0	0	0	21	26	0	47	2	16	0	0	18	101
Hourly Total	190	0	12	0	202	0	0	0	0	0	0	105	138	0	243	11	87	0	0	98	543
Total	1010	0	80	0	1090	0	0	0	0	0	0	708	984	0	1692	65	620	0	0	685	3467
% Approach	92.7%	0%	7.3%	0%	-	0%	0%	0%	0%	-	0%	41.8%	58.2%	0%	-	9.5%	90.5%	0%	0%	-	-
% Total	29.1%	0%	2.3%	0%	31.4%	0%	0%	0%	0%	0%	0%	20.4%	28.4%	0%	48.8%	1.9%	17.9%	0%	0%	19.8%	-
Lights and Motorcycles	981	0	78	0	1059	0	0	0	0	0	0	689	960	0	1649	64	590	0	0	654	3362
% Lights and Motorcycles	97.1%	0%	97.5%	0%	97.2%	0%	0%	0%	0%	-	0%	97.3%	97.6%	0%	97.5%	98.5%	95.2%	0%	0%	95.5%	97.0%
Heavy	29	0	2	0	31	0	0	0	0	0	0	19	24	0	43	1	30	0	0	31	105
% Heavy	2.9%	0%	2.5%	0%	2.8%	0%	0%	0%	0%	-	0%	2.7%	2.4%	0%	2.5%	1.5%	4.8%	0%	0%	4.5%	3.0%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & BERGEN BLVD - TMC

Wed Mar 6, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636980, Location: 40.001596, -85.926863, Site Code: i-214



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-06 7:00AM	9	0	2	0	11	0	0	0	0	0	0	30	77	0	107	0	16	0	0	16	134
7:15AM	19	0	0	0	19	0	0	0	0	0	0	37	68	0	105	5	23	0	0	28	152
7:30AM	14	0	0	0	14	0	0	0	0	0	0	24	64	0	88	3	32	0	0	35	137
7:45AM	23	0	2	0	25	0	0	0	0	0	0	26	57	0	83	6	30	0	0	36	144
Total	65	0	4	0	69	0	0	0	0	0	0	117	266	0	383	14	101	0	0	115	567
% Approach	94.2%	0%	5.8%	0%	-	0%	0%	0%	0%	-	0%	30.5%	69.5%	0%	-	12.2%	87.8%	0%	0%	-	-
% Total	11.5%	0%	0.7%	0%	12.2%	0%	0%	0%	0%	0%	0%	20.6%	46.9%	0%	67.5%	2.5%	17.8%	0%	0%	20.3%	-
PHF	0.707	-	0.500	-	0.690	-	-	-	-	-	-	0.791	0.864	-	0.895	0.583	0.789	-	-	0.799	0.933
Lights and Motorcycles	56	0	3	0	59	0	0	0	0	0	0	111	256	0	367	14	95	0	0	109	535
% Lights and Motorcycles	86.2%	0%	75.0%	0%	85.5%	0%	0%	0%	0%	-	0%	94.9%	96.2%	0%	95.8%	100%	94.1%	0%	0%	94.8%	94.4%
Heavy	9	0	1	0	10	0	0	0	0	0	0	6	10	0	16	0	6	0	0	6	32
% Heavy	13.8%	0%	25.0%	0%	14.5%	0%	0%	0%	0%	-	0%	5.1%	3.8%	0%	4.2%	0%	5.9%	0%	0%	5.2%	5.6%

* L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & BERGEN BLVD - TMC

Wed Mar 6, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636980, Location: 40.001596, -85.926863, Site Code: i-214



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-06 4:30PM	75	0	28	0	103	0	0	0	0	0	0	34	32	0	66	0	32	0	0	32	201
4:45PM	65	0	2	0	67	0	0	0	0	0	0	46	36	0	82	1	32	0	0	33	182
5:00PM	79	0	4	0	83	0	0	0	0	0	0	49	39	0	88	2	30	0	0	32	203
5:15PM	70	0	3	0	73	0	0	0	0	0	0	35	35	0	70	2	37	0	0	39	182
Total	289	0	37	0	326	0	0	0	0	0	0	164	142	0	306	5	131	0	0	136	768
% Approach	88.7%	0%	11.3%	0%	-	0%	0%	0%	0%	-	0%	53.6%	46.4%	0%	-	3.7%	96.3%	0%	0%	-	-
% Total	37.6%	0%	4.8%	0%	42.4%	0%	0%	0%	0%	0%	0%	21.4%	18.5%	0%	39.8%	0.7%	17.1%	0%	0%	17.7%	-
PHF	0.915	-	0.330	-	0.791	-	-	-	-	-	-	0.837	0.910	-	0.869	0.625	0.885	-	-	0.872	0.946
Lights and Motorcycles	284	0	37	0	321	0	0	0	0	0	0	163	139	0	302	5	125	0	0	130	753
% Lights and Motorcycles	98.3%	0%	100%	0%	98.5%	0%	0%	0%	0%	-	0%	99.4%	97.9%	0%	98.7%	100%	95.4%	0%	0%	95.6%	98.0%
Heavy	5	0	0	0	5	0	0	0	0	0	0	1	3	0	4	0	6	0	0	6	15
% Heavy	1.7%	0%	0%	0%	1.5%	0%	0%	0%	0%	-	0%	0.6%	2.1%	0%	1.3%	0%	4.6%	0%	0%	4.4%	2.0%

* L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & OLIO RD - TMC

Wed Mar 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636981, Location: 40.001617, -85.919117, Site Code: i-215



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-06 6:30AM	7	14	0	0	21	0	26	3	0	29	0	1	15	0	16	0	3	0	0	3	69
6:45AM	14	25	1	0	40	0	62	1	0	63	0	1	23	0	24	0	5	0	0	5	132
Hourly Total	21	39	1	0	61	0	88	4	0	92	0	2	38	0	40	0	8	0	0	8	201
7:00AM	14	28	0	0	42	0	53	1	0	54	1	2	25	0	28	0	0	0	0	0	124
7:15AM	18	32	0	0	50	0	54	4	0	58	0	2	38	0	40	2	7	0	0	9	157
7:30AM	32	48	1	0	81	0	31	1	0	32	1	1	20	0	22	1	5	0	0	6	141
7:45AM	27	41	2	0	70	0	47	4	0	51	1	0	25	0	26	1	5	0	0	6	153
Hourly Total	91	149	3	0	243	0	185	10	0	195	3	5	108	0	116	4	17	0	0	21	575
8:00AM	11	25	1	0	37	0	30	0	0	30	1	3	27	0	31	2	4	0	0	6	104
8:15AM	22	20	0	0	42	0	40	2	0	42	1	0	21	0	22	2	6	0	0	8	114
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	33	45	1	0	79	0	70	2	0	72	2	3	48	0	53	4	10	0	0	14	218
3:00PM	40	53	1	1	95	1	18	3	0	22	2	7	22	0	31	1	3	0	0	4	152
3:15PM	28	50	4	0	82	0	30	0	0	30	0	3	27	0	30	2	0	0	0	2	144
3:30PM	27	35	1	0	63	0	39	5	0	44	3	4	27	0	34	1	4	2	0	7	148
3:45PM	24	27	3	0	54	0	30	3	0	33	1	3	22	0	26	0	3	0	0	3	116
Hourly Total	119	165	9	1	294	1	117	11	0	129	6	17	98	0	121	4	10	2	0	16	560
4:00PM	26	45	1	0	72	0	34	2	0	36	5	10	19	0	34	1	2	0	0	3	145
4:15PM	26	48	3	0	77	0	27	2	0	29	1	2	22	0	25	1	6	0	0	7	138
4:30PM	32	50	3	0	85	0	31	0	0	31	15	21	36	0	72	0	1	0	0	1	189
4:45PM	29	61	0	0	90	0	35	1	0	36	2	6	44	0	52	2	4	0	0	6	184
Hourly Total	113	204	7	0	324	0	127	5	0	132	23	39	121	0	183	4	13	0	0	17	656
5:00PM	26	62	4	0	92	0	44	1	0	45	5	7	38	0	50	0	3	0	0	3	190
5:15PM	33	51	4	0	88	0	53	2	0	55	3	4	36	0	43	3	4	0	0	7	193
5:30PM	31	43	1	0	75	0	51	0	0	51	2	6	29	0	37	0	5	0	0	5	168
5:45PM	15	49	2	0	66	1	54	0	0	55	1	10	33	0	44	2	2	0	0	4	169
Hourly Total	105	205	11	0	321	1	202	3	0	206	11	27	136	0	174	5	14	0	0	19	720
6:00PM	28	44	1	0	73	0	29	3	0	32	0	5	23	0	28	2	4	0	0	6	139
6:15PM	22	39	0	0	61	1	32	0	0	33	3	5	29	0	37	0	3	0	0	3	134
6:30PM	23	28	3	0	54	1	35	1	0	37	1	1	26	0	28	0	2	2	0	4	123
6:45PM	16	35	1	0	52	0	31	1	0	32	5	6	21	0	32	1	2	1	0	4	120
Hourly Total	89	146	5	0	240	2	127	5	0	134	9	17	99	0	125	3	11	3	0	17	516
Total	571	953	37	1	1562	4	916	40	0	960	54	110	648	0	812	24	83	5	0	112	3446
% Approach	36.6%	61.0%	2.4%	0.1%	-	0.4%	95.4%	4.2%	0%	-	6.7%	13.5%	79.8%	0%	-	21.4%	74.1%	4.5%	0%	-	-
% Total	16.6%	27.7%	1.1%	0%	45.3%	0.1%	26.6%	1.2%	0%	27.9%	1.6%	3.2%	18.8%	0%	23.6%	0.7%	2.4%	0.1%	0%	3.3%	-
Lights and Motorcycles	543	932	33	1	1509	3	894	36	0	933	54	107	632	0	793	22	78	5	0	105	3340
% Lights and Motorcycles	95.1%	97.8%	89.2%	100%	96.6%	75.0%	97.6%	90.0%	0%	97.2%	100%	97.3%	97.5%	0%	97.7%	91.7%	94.0%	100%	0%	93.8%	96.9%
Heavy	28	21	4	0	53	1	22	4	0	27	0	3	16	0	19	2	5	0	0	7	106
% Heavy	4.9%	2.2%	10.8%	0%	3.4%	25.0%	2.4%	10.0%	0%	2.8%	0%	2.7%	2.5%	0%	2.3%	8.3%	6.0%	0%	0%	6.3%	3.1%

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & OLIO RD - TMC

Wed Mar 6, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636981, Location: 40.001617, -85.919117, Site Code: i-215



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-03-06																						
7:00AM	14	28	0	0	42	0	53	1	0	54	1	2	25	0	28	0	0	0	0	0	0	124
7:15AM	18	32	0	0	50	0	54	4	0	58	0	2	38	0	40	2	7	0	0	0	9	157
7:30AM	32	48	1	0	81	0	31	1	0	32	1	1	20	0	22	1	5	0	0	0	6	141
7:45AM	27	41	2	0	70	0	47	4	0	51	1	0	25	0	26	1	5	0	0	0	6	153
Total	91	149	3	0	243	0	185	10	0	195	3	5	108	0	116	4	17	0	0	0	21	575
% Approach	37.4%	61.3%	1.2%	0%	-	0%	94.9%	5.1%	0%	-	2.6%	4.3%	93.1%	0%	-	19.0%	81.0%	0%	0%	-	-	-
% Total	15.8%	25.9%	0.5%	0%	42.3%	0%	32.2%	1.7%	0%	33.9%	0.5%	0.9%	18.8%	0%	20.2%	0.7%	3.0%	0%	0%	3.7%	-	-
PHF	0.711	0.776	0.375	-	0.750	-	0.856	0.625	-	0.841	0.750	0.625	0.711	-	0.725	0.500	0.607	-	-	0.583	0.916	
Lights and Motorcycles	86	144	2	0	232	0	174	9	0	183	3	5	102	0	110	3	16	0	0	0	19	544
% Lights and Motorcycles	94.5%	96.6%	66.7%	0%	95.5%	0%	94.1%	90.0%	0%	93.8%	100%	100%	94.4%	0%	94.8%	75.0%	94.1%	0%	0%	90.5%	94.6%	
Heavy	5	5	1	0	11	0	11	1	0	12	0	0	6	0	6	1	1	0	0	0	2	31
% Heavy	5.5%	3.4%	33.3%	0%	4.5%	0%	5.9%	10.0%	0%	6.2%	0%	0%	5.6%	0%	5.2%	25.0%	5.9%	0%	0%	9.5%	5.4%	

*L: Left, R: Right, T: Thru, U: U-Turn

146TH ST & OLIO RD - TMC

Wed Mar 6, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636981, Location: 40.001617, -85.919117, Site Code: i-215



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-03-06																						
4:30PM	32	50	3	0	85	0	31	0	0	31	15	21	36	0	72	0	1	0	0	1	189	
4:45PM	29	61	0	0	90	0	35	1	0	36	2	6	44	0	52	2	4	0	0	6	184	
5:00PM	26	62	4	0	92	0	44	1	0	45	5	7	38	0	50	0	3	0	0	3	190	
5:15PM	33	51	4	0	88	0	53	2	0	55	3	4	36	0	43	3	4	0	0	7	193	
Total	120	224	11	0	355	0	163	4	0	167	25	38	154	0	217	5	12	0	0	17	756	
% Approach	33.8%	63.1%	3.1%	0%	-	0%	97.6%	2.4%	0%	-	11.5%	17.5%	71.0%	0%	-	29.4%	70.6%	0%	0%	-	-	
% Total	15.9%	29.6%	1.5%	0%	47.0%	0%	21.6%	0.5%	0%	22.1%	3.3%	5.0%	20.4%	0%	28.7%	0.7%	1.6%	0%	0%	2.2%	-	
PHF	0.909	0.903	0.688	-	0.965	-	0.769	0.500	-	0.759	0.417	0.452	0.875	-	0.753	0.417	0.750	-	-	0.607	0.979	
Lights and Motorcycles	114	223	10	0	347	0	162	4	0	166	25	38	153	0	216	4	11	0	0	15	744	
% Lights and Motorcycles	95.0%	99.6%	90.9%	0%	97.7%	0%	99.4%	100%	0%	99.4%	100%	100%	99.4%	0%	99.5%	80.0%	91.7%	0%	0%	88.2%	98.4%	
Heavy	6	1	1	0	8	0	1	0	0	1	0	0	1	0	1	1	1	0	0	2	12	
% Heavy	5.0%	0.4%	9.1%	0%	2.3%	0%	0.6%	0%	0%	0.6%	0%	0%	0.6%	0%	0.5%	20.0%	8.3%	0%	0%	11.8%	1.6%	

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & BODEN RD - TMC

Tue Oct 2, 2018

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641335, Location: 39.996641, -85.93785, Site Code: i-216



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-10-02																					
3:00PM	19	34	7	0	60	45	22	7	0	74	20	150	29	1	200	14	106	43	0	163	497
3:15PM	14	42	15	0	71	39	25	5	0	69	22	166	25	0	213	14	104	38	0	156	509
3:30PM	20	34	11	0	65	56	23	15	0	94	10	144	20	0	174	5	121	78	0	204	537
3:45PM	14	40	7	0	61	52	33	9	0	94	14	167	17	0	198	15	110	84	0	209	562
Hourly Total	67	150	40	0	257	192	103	36	0	331	66	627	91	1	785	48	441	243	0	732	2105
4:00PM	13	32	11	0	56	55	30	5	0	90	13	161	27	0	201	9	124	71	0	204	551
4:15PM	24	32	13	0	69	54	15	13	1	83	19	159	19	0	197	19	129	75	0	223	572
4:30PM	22	34	16	0	72	46	38	13	0	97	18	172	21	0	211	19	119	90	0	228	608
4:45PM	22	47	9	0	78	54	39	8	0	101	19	155	27	0	201	27	149	84	0	260	640
Hourly Total	81	145	49	0	275	209	122	39	1	371	69	647	94	0	810	74	521	320	0	915	2371
5:00PM	20	56	14	0	90	58	26	16	0	100	20	206	22	0	248	12	156	111	0	279	717
5:15PM	23	47	10	0	80	56	25	13	0	94	11	181	19	0	211	23	182	115	0	320	705
5:30PM	20	47	12	0	79	57	35	7	0	99	13	179	37	0	229	30	129	96	0	255	662
5:45PM	17	57	12	0	86	65	28	7	0	100	20	158	35	0	213	16	131	121	1	269	668
Hourly Total	80	207	48	0	335	236	114	43	0	393	64	724	113	0	901	81	598	443	1	1123	2752
6:00PM	22	34	5	0	61	54	30	7	0	91	17	151	22	0	190	21	122	71	0	214	556
6:15PM	19	41	8	0	68	60	29	6	0	95	19	160	31	0	210	20	150	85	0	255	628
6:30PM	17	43	12	0	72	50	22	4	0	76	8	112	27	0	147	13	106	71	0	190	485
6:45PM	16	33	14	0	63	52	27	5	0	84	8	130	21	0	159	16	92	77	0	185	491
Hourly Total	74	151	39	0	264	216	108	22	0	346	52	553	101	0	706	70	470	304	0	844	2160
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018-10-03																					
6:30AM	15	15	3	0	33	95	19	11	0	125	6	77	16	0	99	8	119	6	1	134	391
6:45AM	17	18	9	0	44	90	49	18	0	157	9	105	19	0	133	10	122	25	0	157	491
Hourly Total	32	33	12	0	77	185	68	29	0	282	15	182	35	0	232	18	241	31	1	291	882
7:00AM	25	15	7	0	47	84	35	18	0	137	3	124	21	0	148	4	94	22	0	120	452
7:15AM	22	33	7	0	62	94	36	16	0	146	8	142	21	0	171	12	138	26	0	176	555
7:30AM	22	32	9	0	63	86	36	11	0	133	9	146	11	0	166	13	122	33	0	168	530
7:45AM	14	27	10	0	51	88	29	19	0	136	10	153	13	0	176	11	145	31	0	187	550
Hourly Total	83	107	33	0	223	352	136	64	0	552	30	565	66	0	661	40	499	112	0	651	2087
8:00AM	11	25	10	0	46	82	33	12	0	127	10	153	22	0	185	10	122	36	1	169	527
8:15AM	18	24	13	0	55	84	44	17	0	145	12	130	28	0	170	14	118	34	0	166	536
Hourly Total	29	49	23	0	101	166	77	29	0	272	22	283	50	0	355	24	240	70	1	335	1063
Total	446	842	244	0	1532	1556	728	262	1	2547	318	3581	550	1	4450	355	3010	1523	3	4891	13420
% Approach	29.1%	55.0%	15.9%	0%	-	61.1%	28.6%	10.3%	0%	-	7.1%	80.5%	12.4%	0%	-	7.3%	61.5%	31.1%	0.1%	-	-
% Total	3.3%	6.3%	1.8%	0%	11.4%	11.6%	5.4%	2.0%	0%	19.0%	2.4%	26.7%	4.1%	0%	33.2%	2.6%	22.4%	11.3%	0%	36.4%	-
Lights and Motorcycles	440	816	243	0	1499	1517	706	248	1	2472	294	3505	541	1	4341	349	2923	1487	3	4762	13074
% Lights and Motorcycles	98.7%	96.9%	99.6%	0%	97.8%	97.5%	97.0%	94.7%	100%	97.1%	92.5%	97.9%	98.4%	100%	97.6%	98.3%	97.1%	97.6%	100%	97.4%	97.4%
Heavy	6	26	1	0	33	39	22	14	0	75	24	76	9	0	109	6	87	36	0	129	346
% Heavy	1.3%	3.1%	0.4%	0%	2.2%	2.5%	3.0%	5.3%	0%	2.9%	7.5%	2.1%	1.6%	0%	2.4%	1.7%	2.9%	2.4%	0%	2.6%	2.6%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & BODEN RD - TMC

Wed Oct 3, 2018

AM Peak (Oct 03 2018 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641335, Location: 39.996641, -85.93785, Site Code: i-216



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2018-10-03 7:15AM	22	33	7	0	62	94	36	16	0	146	8	142	21	0	171	12	138	26	0	176	555
7:30AM	22	32	9	0	63	86	36	11	0	133	9	146	11	0	166	13	122	33	0	168	530
7:45AM	14	27	10	0	51	88	29	19	0	136	10	153	13	0	176	11	145	31	0	187	550
8:00AM	11	25	10	0	46	82	33	12	0	127	10	153	22	0	185	10	122	36	1	169	527
Total	69	117	36	0	222	350	134	58	0	542	37	594	67	0	698	46	527	126	1	700	2162
% Approach	31.1%	52.7%	16.2%	0%	-	64.6%	24.7%	10.7%	0%	-	5.3%	85.1%	9.6%	0%	-	6.6%	75.3%	18.0%	0.1%	-	-
% Total	3.2%	5.4%	1.7%	0%	10.3%	16.2%	6.2%	2.7%	0%	25.1%	1.7%	27.5%	3.1%	0%	32.3%	2.1%	24.4%	5.8%	0%	32.4%	-
PHF	0.784	0.886	0.900	-	0.881	0.931	0.931	0.763	-	0.928	0.925	0.971	0.761	-	0.943	0.885	0.909	0.875	0.250	0.936	0.974
Lights and Motorcycles	69	111	36	0	216	342	132	57	0	531	33	579	65	0	677	46	499	104	1	650	2074
% Lights and Motorcycles	100%	94.9%	100%	0%	97.3%	97.7%	98.5%	98.3%	0%	98.0%	89.2%	97.5%	97.0%	0%	97.0%	100%	94.7%	82.5%	100%	92.9%	95.9%
Heavy	0	6	0	0	6	8	2	1	0	11	4	15	2	0	21	0	28	22	0	50	88
% Heavy	0%	5.1%	0%	0%	2.7%	2.3%	1.5%	1.7%	0%	2.0%	10.8%	2.5%	3.0%	0%	3.0%	0%	5.3%	17.5%	0%	7.1%	4.1%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & BODEN RD - TMC

Tue Oct 2, 2018

PM Peak (Oct 02 2018 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 641335, Location: 39.996641, -85.93785, Site Code: i-216



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2018-10-02 5:00PM	20	56	14	0	90	58	26	16	0	100	20	206	22	0	248	12	156	111	0	279	717
5:15PM	23	47	10	0	80	56	25	13	0	94	11	181	19	0	211	23	182	115	0	320	705
5:30PM	20	47	12	0	79	57	35	7	0	99	13	179	37	0	229	30	129	96	0	255	662
5:45PM	17	57	12	0	86	65	28	7	0	100	20	158	35	0	213	16	131	121	1	269	668
Total	80	207	48	0	335	236	114	43	0	393	64	724	113	0	901	81	598	443	1	1123	2752
% Approach	23.9%	61.8%	14.3%	0%	-	60.1%	29.0%	10.9%	0%	-	7.1%	80.4%	12.5%	0%	-	7.2%	53.3%	39.4%	0.1%	-	-
% Total	2.9%	7.5%	1.7%	0%	12.2%	8.6%	4.1%	1.6%	0%	14.3%	2.3%	26.3%	4.1%	0%	32.7%	2.9%	21.7%	16.1%	0%	40.8%	-
PHF	0.870	0.908	0.857	-	0.931	0.908	0.814	0.672	-	0.983	0.800	0.879	0.764	-	0.908	0.675	0.821	0.915	0.250	0.877	0.960
Lights and Motorcycles	78	206	48	0	332	233	114	42	0	389	63	714	113	0	890	81	592	443	1	1117	2728
% Lights and Motorcycles	97.5%	99.5%	100%	0%	99.1%	98.7%	100%	97.7%	0%	99.0%	98.4%	98.6%	100%	0%	98.8%	100%	99.0%	100%	100%	99.5%	99.1%
Heavy	2	1	0	0	3	3	0	1	0	4	1	10	0	0	11	0	6	0	0	6	24
% Heavy	2.5%	0.5%	0%	0%	0.9%	1.3%	0%	2.3%	0%	1.0%	1.6%	1.4%	0%	0%	1.2%	0%	1.0%	0%	0%	0.5%	0.9%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & CABELA PWY - TMC

Thu May 16, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656584, Location: 39.996374, -85.933473, Site Code: i-217



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-05-16																					
6:30AM	0	1	13	0	14	0	1	4	0	5	1	180	4	0	185	2	161	0	0	163	367
6:45AM	0	1	14	0	15	0	0	3	0	3	2	204	2	0	208	10	165	0	0	175	401
Hourly Total	0	2	27	0	29	0	1	7	0	8	3	384	6	0	393	12	326	0	0	338	768
7:00AM	0	2	30	0	32	1	2	4	0	7	2	260	2	0	264	10	142	0	0	152	455
7:15AM	0	2	17	0	19	0	0	11	0	11	3	282	1	0	286	7	178	1	0	186	502
7:30AM	1	3	13	0	17	0	3	7	0	10	5	262	2	1	270	7	191	0	0	198	495
7:45AM	2	2	16	0	20	1	1	8	0	10	6	221	3	0	230	12	149	0	1	162	422
Hourly Total	3	9	76	0	88	2	6	30	0	38	16	1025	8	1	1050	36	660	1	1	698	1874
8:00AM	2	2	17	0	21	0	2	18	0	20	7	193	3	0	203	5	163	1	0	169	413
8:15AM	1	5	18	0	24	0	2	13	0	15	6	212	2	0	220	12	153	2	0	167	426
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	3	7	35	0	45	0	4	31	0	35	13	405	5	0	423	17	316	3	0	336	839
3:00PM	7	2	19	0	28	0	4	24	0	28	11	159	8	0	178	17	192	3	0	212	446
3:15PM	6	3	13	0	22	3	6	21	0	30	20	214	8	0	242	18	199	5	0	222	516
3:30PM	9	3	18	0	30	1	4	28	0	33	14	181	9	0	204	15	198	4	0	217	484
3:45PM	8	6	17	0	31	0	7	22	0	29	12	202	4	0	218	14	216	3	0	233	511
Hourly Total	30	14	67	0	111	4	21	95	0	120	57	756	29	0	842	64	805	15	0	884	1957
4:00PM	11	3	21	0	35	6	10	39	0	55	23	199	9	1	232	16	253	5	1	275	597
4:15PM	5	6	19	0	30	4	3	38	0	45	15	202	7	0	224	19	241	9	0	269	568
4:30PM	3	9	17	1	30	9	2	50	0	61	15	203	13	1	232	15	239	14	0	268	591
4:45PM	9	11	13	0	33	1	17	50	0	68	23	258	13	2	296	24	258	5	1	288	685
Hourly Total	28	29	70	1	128	20	32	177	0	229	76	862	42	4	984	74	991	33	2	1100	2441
5:00PM	12	9	14	0	35	2	13	67	0	82	18	214	10	2	244	19	273	5	0	297	658
5:15PM	9	9	17	0	35	1	10	53	0	64	27	236	12	0	275	16	253	6	0	275	649
5:30PM	11	5	23	0	39	3	3	33	0	39	21	159	12	2	194	13	205	6	0	224	496
5:45PM	4	6	25	0	35	1	6	39	0	46	19	193	8	1	221	21	203	5	1	230	532
Hourly Total	36	29	79	0	144	7	32	192	0	231	85	802	42	5	934	69	934	22	1	1026	2335
6:00PM	6	6	17	0	29	1	17	42	0	60	14	192	9	0	215	25	224	5	0	254	558
6:15PM	6	4	26	0	36	2	5	36	0	43	16	195	17	1	229	24	216	2	1	243	551
6:30PM	13	1	16	0	30	1	6	26	0	33	15	177	10	0	202	14	175	6	0	195	460
6:45PM	4	3	14	0	21	2	1	30	0	33	15	178	8	0	201	26	167	6	0	199	454
Hourly Total	29	14	73	0	116	6	29	134	0	169	60	742	44	1	847	89	782	19	1	891	2023
Total	129	104	427	1	661	39	125	666	0	830	310	4976	176	11	5473	361	4814	93	5	5273	12237
% Approach	19.5%	15.7%	64.6%	0.2%	-	4.7%	15.1%	80.2%	0%	-	5.7%	90.9%	3.2%	0.2%	-	6.8%	91.3%	1.8%	0.1%	-	-
% Total	1.1%	0.8%	3.5%	0%	5.4%	0.3%	1.0%	5.4%	0%	6.8%	2.5%	40.7%	1.4%	0.1%	44.7%	3.0%	39.3%	0.8%	0%	43.1%	-
Lights and Motorcycles	126	104	424	1	655	37	125	646	0	808	303	4839	175	11	5328	354	4660	91	5	5110	11901
% Lights and Motorcycles	97.7%	100%	99.3%	100%	99.1%	94.9%	100%	97.0%	0%	97.3%	97.7%	97.2%	99.4%	100%	97.4%	98.1%	96.8%	97.8%	100%	96.9%	97.3%
Heavy	3	0	3	0	6	2	0	20	0	22	7	137	1	0	145	7	154	2	0	163	336
% Heavy	2.3%	0%	0.7%	0%	0.9%	5.1%	0%	3.0%	0%	2.7%	2.3%	2.8%	0.6%	0%	2.6%	1.9%	3.2%	2.2%	0%	3.1%	2.7%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & CABELA PWY - TMC

Thu May 16, 2019

AM Peak (7 AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656584, Location: 39.996374, -85.933473, Site Code: i-217



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-05-16																						
7:00AM	0	2	30	0	32	1	2	4	0	7	2	260	2	0	264	10	142	0	0	152	455	
7:15AM	0	2	17	0	19	0	0	11	0	11	3	282	1	0	286	7	178	1	0	186	502	
7:30AM	1	3	13	0	17	0	3	7	0	10	5	262	2	1	270	7	191	0	0	198	495	
7:45AM	2	2	16	0	20	1	1	8	0	10	6	221	3	0	230	12	149	0	1	162	422	
Total	3	9	76	0	88	2	6	30	0	38	16	1025	8	1	1050	36	660	1	1	698	1874	
% Approach	3.4%	10.2%	86.4%	0%	-	5.3%	15.8%	78.9%	0%	-	1.5%	97.6%	0.8%	0.1%	-	5.2%	94.6%	0.1%	0.1%	-	-	
% Total	0.2%	0.5%	4.1%	0%	4.7%	0.1%	0.3%	1.6%	0%	2.0%	0.9%	54.7%	0.4%	0.1%	56.0%	1.9%	35.2%	0.1%	0.1%	37.2%	-	
PHF	0.375	0.750	0.633	-	0.688	0.500	0.500	0.682	-	0.864	0.667	0.909	0.667	0.250	0.918	0.750	0.864	0.250	0.250	0.881	0.933	
Lights and Motorcycles	3	9	76	0	88	1	6	28	0	35	13	995	8	1	1017	35	628	1	1	665	1805	
% Lights and Motorcycles	100%	100%	100%	0%	100%	50.0%	100%	93.3%	0%	92.1%	81.3%	97.1%	100%	100%	96.9%	97.2%	95.2%	100%	100%	95.3%	96.3%	
Heavy	0	0	0	0	0	1	0	2	0	3	3	30	0	0	33	1	32	0	0	33	69	
% Heavy	0%	0%	0%	0%	0%	50.0%	0%	6.7%	0%	7.9%	18.8%	2.9%	0%	0%	3.1%	2.8%	4.8%	0%	0%	4.7%	3.7%	

* L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & CABELA PWY - TMC

Thu May 16, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 656584, Location: 39.996374, -85.933473, Site Code: i-217



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-05-16																						
4:30PM	3	9	17	1	30	9	2	50	0	61	15	203	13	1	232	15	239	14	0	268	591	
4:45PM	9	11	13	0	33	1	17	50	0	68	23	258	13	2	296	24	258	5	1	288	685	
5:00PM	12	9	14	0	35	2	13	67	0	82	18	214	10	2	244	19	273	5	0	297	658	
5:15PM	9	9	17	0	35	1	10	53	0	64	27	236	12	0	275	16	253	6	0	275	649	
Total	33	38	61	1	133	13	42	220	0	275	83	911	48	5	1047	74	1023	30	1	1128	2583	
%																						
Approach	24.8%	28.6%	45.9%	0.8%	-	4.7%	15.3%	80.0%	0%	-	7.9%	87.0%	4.6%	0.5%	-	6.6%	90.7%	2.7%	0.1%	-	-	-
% Total	1.3%	1.5%	2.4%	0%	5.1%	0.5%	1.6%	8.5%	0%	10.6%	3.2%	35.3%	1.9%	0.2%	40.5%	2.9%	39.6%	1.2%	0%	43.7%	-	-
PHF	0.688	0.864	0.897	0.250	0.950	0.361	0.618	0.821	-	0.838	0.769	0.883	0.923	0.625	0.884	0.771	0.937	0.536	0.250	0.949	0.943	
Lights and Motorcycles	33	38	61	1	133	13	42	215	0	270	82	887	47	5	1021	73	998	30	1	1102	2526	
% Lights and Motorcycles	100%	100%	100%	100%	100%	100%	100%	97.7%	0%	98.2%	98.8%	97.4%	97.9%	100%	97.5%	98.6%	97.6%	100%	100%	97.7%	97.8%	
Heavy	0	0	0	0	0	0	0	5	0	5	1	24	1	0	26	1	25	0	0	26	57	
% Heavy	0%	0%	0%	0%	0%	0%	0%	2.3%	0%	1.8%	1.2%	2.6%	2.1%	0%	2.5%	1.4%	2.4%	0%	0%	2.3%	2.2%	

*L: Left, R: Right, T: Thru, U: U-Turn

141ST ST & OLIO RD AM - TMC

Tue Apr 23, 2019

Full Length (6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646616, Location: 39.994376, -85.919014, Site Code: i-218



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-23 6:30AM	16	33	4	1	54	0	52	0	0	52	2	4	13	0	19	7	0	0	0	7	132
6:45AM	23	44	6	0	73	3	96	2	0	101	1	5	25	0	31	12	4	0	0	16	221
Hourly Total	39	77	10	1	127	3	148	2	0	153	3	9	38	0	50	19	4	0	0	23	353
7:00AM	31	47	7	0	85	0	90	5	0	95	5	11	37	0	53	7	1	0	0	8	241
7:15AM	47	42	13	1	103	2	98	6	0	106	4	8	38	0	50	17	0	0	0	17	276
7:30AM	65	82	10	0	157	3	81	9	0	93	4	21	33	0	58	6	4	0	0	10	318
7:45AM	64	59	13	2	138	4	63	16	0	83	13	16	29	0	58	12	0	0	0	12	291
Hourly Total	207	230	43	3	483	9	332	36	0	377	26	56	137	0	219	42	5	0	0	47	1126
8:00AM	41	43	12	0	96	4	48	9	0	61	3	15	21	0	39	10	4	0	0	14	210
8:15AM	48	60	9	0	117	4	49	8	0	61	2	5	34	0	41	6	3	0	0	9	228
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	89	103	21	0	213	8	97	17	0	122	5	20	55	0	80	16	7	0	0	23	438
Total	335	410	74	4	823	20	577	55	0	652	34	85	230	0	349	77	16	0	0	93	1917
% Approach	40.7%	49.8%	9.0%	0.5%	-	3.1%	88.5%	8.4%	0%	-	9.7%	24.4%	65.9%	0%	-	82.8%	17.2%	0%	0%	-	-
% Total	17.5%	21.4%	3.9%	0.2%	42.9%	1.0%	30.1%	2.9%	0%	34.0%	1.8%	4.4%	12.0%	0%	18.2%	4.0%	0.8%	0%	0%	4.9%	-
Lights and Motorcycles	320	398	73	4	795	20	557	54	0	631	32	85	216	0	333	77	15	0	0	92	1851
% Lights and Motorcycles	95.5%	97.1%	98.6%	100%	96.6%	100%	96.5%	98.2%	0%	96.8%	94.1%	100%	93.9%	0%	95.4%	100%	93.8%	0%	0%	98.9%	96.6%
Heavy	15	12	1	0	28	0	20	1	0	21	2	0	14	0	16	0	1	0	0	1	66
% Heavy	4.5%	2.9%	1.4%	0%	3.4%	0%	3.5%	1.8%	0%	3.2%	5.9%	0%	6.1%	0%	4.6%	0%	6.3%	0%	0%	1.1%	3.4%

*L: Left, R: Right, T: Thru, U: U-Turn

141ST ST & OLIO RD PM - TMC

Thu Apr 18, 2019

Full Length (3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646625, Location: 39.994376, -85.919014, Site Code: i-218



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-18																					
3:00PM	52	71	13	0	136	0	37	3	0	40	3	7	36	0	46	9	1	2	0	12	234
3:15PM	44	75	3	1	123	1	51	3	0	55	4	4	42	0	50	11	0	2	0	13	241
3:30PM	30	57	5	0	92	0	67	10	0	77	7	6	36	0	49	9	0	0	0	9	227
3:45PM	33	64	4	0	101	0	62	4	0	66	2	5	56	0	63	21	5	1	0	27	257
Hourly Total	159	267	25	1	452	1	217	20	0	238	16	22	170	0	208	50	6	5	0	61	959
4:00PM	46	70	8	1	125	1	67	1	0	69	5	4	52	0	61	10	11	0	0	21	276
4:15PM	43	86	11	0	140	2	62	4	0	68	5	3	50	0	58	16	2	1	0	19	285
4:30PM	42	84	11	0	137	0	72	4	0	76	7	5	48	0	60	18	4	2	0	24	297
4:45PM	61	70	8	0	139	1	80	6	0	87	2	3	51	0	56	15	5	0	0	20	302
Hourly Total	192	310	38	1	541	4	281	15	0	300	19	15	201	0	235	59	22	3	0	84	1160
5:00PM	54	92	4	0	150	1	78	3	0	82	4	1	57	0	62	12	8	2	0	22	316
5:15PM	72	84	9	0	165	0	78	8	0	86	6	0	97	0	103	13	2	1	0	16	370
5:30PM	49	96	8	3	156	1	59	3	0	63	8	3	87	0	98	9	0	0	0	9	326
5:45PM	59	73	6	1	139	0	63	5	0	68	4	3	85	0	92	10	0	0	0	10	309
Hourly Total	234	345	27	4	610	2	278	19	0	299	22	7	326	0	355	44	10	3	0	57	1321
6:00PM	49	79	7	0	135	0	58	5	0	63	7	3	62	0	72	12	2	1	0	15	285
6:15PM	57	62	5	1	125	1	60	5	0	66	9	2	65	0	76	12	0	0	0	12	279
6:30PM	43	65	8	0	116	0	49	6	0	55	2	5	51	0	58	7	1	0	0	8	237
6:45PM	59	62	1	1	123	0	38	4	0	42	11	3	53	0	67	5	0	1	0	6	238
Hourly Total	208	268	21	2	499	1	205	20	0	226	29	13	231	0	273	36	3	2	0	41	1039
Total	793	1190	111	8	2102	8	981	74	0	1063	86	57	928	0	1071	189	41	13	0	243	4479
% Approach	37.7%	56.6%	5.3%	0.4%	-	0.8%	92.3%	7.0%	0%	-	8.0%	5.3%	86.6%	0%	-	77.8%	16.9%	5.3%	0%	-	-
% Total	17.7%	26.6%	2.5%	0.2%	46.9%	0.2%	21.9%	1.7%	0%	23.7%	1.9%	1.3%	20.7%	0%	23.9%	4.2%	0.9%	0.3%	0%	5.4%	-
Lights and Motorcycles	787	1167	107	7	2068	8	973	73	0	1054	85	57	919	0	1061	188	39	13	0	240	4423
% Lights and Motorcycles	99.2%	98.1%	96.4%	87.5%	98.4%	100%	99.2%	98.6%	0%	99.2%	98.8%	100%	99.0%	0%	99.1%	99.5%	95.1%	100%	0%	98.8%	98.7%
Heavy	6	23	4	1	34	0	8	1	0	9	1	0	9	0	10	1	2	0	0	3	56
% Heavy	0.8%	1.9%	3.6%	12.5%	1.6%	0%	0.8%	1.4%	0%	0.8%	1.2%	0%	1.0%	0%	0.9%	0.5%	4.9%	0%	0%	1.2%	1.3%

*L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & OLIO RD AM - TMC

Tue Apr 23, 2019

AM Peak (7 AM - 8 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646616, Location: 39.994376, -85.919014, Site Code: i-218



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-04-23																									
7:00AM	31	47	7	0	85	0	90	5	0	95	5	11	37	0	53	7	1	0	0	8	241				
7:15AM	47	42	13	1	103	2	98	6	0	106	4	8	38	0	50	17	0	0	0	17	276				
7:30AM	65	82	10	0	157	3	81	9	0	93	4	21	33	0	58	6	4	0	0	10	318				
7:45AM	64	59	13	2	138	4	63	16	0	83	13	16	29	0	58	12	0	0	0	12	291				
Total	207	230	43	3	483	9	332	36	0	377	26	56	137	0	219	42	5	0	0	47	1126				
% Approach	42.9%	47.6%	8.9%	0.6%	-	2.4%	88.1%	9.5%	0%	-	11.9%	25.6%	62.6%	0%	-	89.4%	10.6%	0%	0%	-	-				
% Total	18.4%	20.4%	3.8%	0.3%	42.9%	0.8%	29.5%	3.2%	0%	33.5%	2.3%	5.0%	12.2%	0%	19.4%	3.7%	0.4%	0%	0%	4.2%	-				
PHF	0.796	0.701	0.827	0.375	0.769	0.563	0.847	0.563	-	0.889	0.500	0.667	0.901	-	0.944	0.618	0.313	-	-	0.691	0.885				
Lights and Motorcycles	195	222	42	3	462	9	321	35	0	365	26	56	127	0	209	42	4	0	0	46	1082				
% Lights and Motorcycles	94.2%	96.5%	97.7%	100%	95.7%	100%	96.7%	97.2%	0%	96.8%	100%	100%	92.7%	0%	95.4%	100%	80.0%	0%	0%	97.9%	96.1%				
Heavy	12	8	1	0	21	0	11	1	0	12	0	0	10	0	10	0	1	0	0	1	44				
% Heavy	5.8%	3.5%	2.3%	0%	4.3%	0%	3.3%	2.8%	0%	3.2%	0%	0%	7.3%	0%	4.6%	0%	20.0%	0%	0%	2.1%	3.9%				

*L: Left, R: Right, T: Thru, U: U-Turn

14 1ST ST & OLIO RD PM - TMC

Thu Apr 18, 2019

PM Peak (5 PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646625, Location: 39.994376, -85.919014, Site Code: i-218



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int				
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App					
2019-04-18																									
5:00PM	54	92	4	0	150	1	78	3	0	82	4	1	57	0	62	12	8	2	0	22	316				
5:15PM	72	84	9	0	165	0	78	8	0	86	6	0	97	0	103	13	2	1	0	16	370				
5:30PM	49	96	8	3	156	1	59	3	0	63	8	3	87	0	98	9	0	0	0	9	326				
5:45PM	59	73	6	1	139	0	63	5	0	68	4	3	85	0	92	10	0	0	0	10	309				
Total	234	345	27	4	610	2	278	19	0	299	22	7	326	0	355	44	10	3	0	57	1321				
% Approach	38.4%	56.6%	4.4%	0.7%	-	0.7%	93.0%	6.4%	0%	-	6.2%	2.0%	91.8%	0%	-	77.2%	17.5%	5.3%	0%	-	-				
% Total	17.7%	26.1%	2.0%	0.3%	46.2%	0.2%	21.0%	1.4%	0%	22.6%	1.7%	0.5%	24.7%	0%	26.9%	3.3%	0.8%	0.2%	0%	4.3%	-				
PHF	0.813	0.898	0.750	0.333	0.924	0.500	0.891	0.594	-	0.869	0.688	0.583	0.840	-	0.862	0.846	0.313	0.375	-	0.648	0.893				
Lights and Motorcycles	233	343	27	4	607	2	276	18	0	296	22	7	324	0	353	44	10	3	0	57	1313				
% Lights and Motorcycles	99.6%	99.4%	100%	100%	99.5%	100%	99.3%	94.7%	0%	99.0%	100%	100%	99.4%	0%	99.4%	100%	100%	100%	0%	100%	99.4%				
Heavy	1	2	0	0	3	0	2	1	0	3	0	0	2	0	2	0	0	0	0	0	8				
% Heavy	0.4%	0.6%	0%	0%	0.5%	0%	0.7%	5.3%	0%	1.0%	0%	0%	0.6%	0%	0.6%	0%	0%	0%	0%	0%	0.6%				

*L: Left, R: Right, T: Thru, U: U-Turn

TEGLER DR & BERGEN BLVD - TMC

Tue Apr 16, 2019

Full Length (2 AM-2 AM(+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646250, Location: 39.995253, -85.927355, Site Code: i-219



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 2:00AM	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
2:15AM	0	1	1	1	3	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	4
2:30AM	0	0	0	0	0	1	2	0	0	3	0	0	0	0	0	1	0	0	0	1	4
2:45AM	1	2	0	0	3	1	2	0	0	3	0	2	0	0	2	0	0	1	0	1	9
Hourly Total	1	4	1	1	7	2	4	0	0	6	0	2	0	0	2	2	1	1	0	4	19
3:00AM	0	2	0	0	2	0	6	0	0	6	0	0	0	0	0	1	0	0	0	1	9
3:15AM	0	0	0	1	1	1	2	1	0	4	0	0	0	0	0	0	0	0	0	0	5
3:30AM	0	1	0	2	3	1	3	0	0	4	0	0	0	0	0	0	0	0	0	0	7
3:45AM	0	1	0	0	1	0	0	2	0	2	0	0	0	0	0	1	0	1	0	2	5
Hourly Total	0	4	0	3	7	2	11	3	0	16	0	0	0	0	0	2	0	1	0	3	26
4:00AM	2	4	1	0	7	0	1	1	0	2	1	0	0	0	1	0	0	0	0	0	10
4:15AM	0	0	0	1	1	1	2	0	0	3	0	0	0	0	0	0	0	0	0	0	4
4:30AM	0	0	0	2	2	1	3	0	0	4	0	0	0	0	0	4	0	2	0	6	12
4:45AM	4	1	4	0	9	3	5	1	0	9	0	0	0	0	0	3	0	1	0	4	22
Hourly Total	6	5	5	3	19	5	11	2	0	18	1	0	0	0	1	7	0	3	0	10	48
5:00AM	2	2	0	0	4	5	3	0	0	8	2	1	2	0	5	3	1	0	0	4	21
5:15AM	1	7	2	2	12	6	5	2	0	13	0	2	0	0	2	3	2	6	0	11	38
5:30AM	3	28	1	0	32	4	5	1	0	10	2	3	1	0	6	3	1	7	0	11	59
5:45AM	4	26	3	0	33	6	10	1	0	17	3	3	0	0	6	2	3	11	0	16	72
Hourly Total	10	63	6	2	81	21	23	4	0	48	7	9	3	0	19	11	7	24	0	42	190
6:00AM	4	4	1	2	11	5	12	2	0	19	0	2	3	0	5	4	0	5	0	9	44
6:15AM	7	8	6	2	23	8	30	1	0	39	0	4	7	0	11	10	2	5	0	17	90
6:30AM	6	12	9	7	34	18	30	4	0	52	1	5	5	0	11	10	10	8	0	28	125
6:45AM	6	26	11	8	51	21	29	5	0	55	1	5	8	0	14	29	3	5	0	37	157
Hourly Total	23	50	27	19	119	52	101	12	0	165	2	16	23	0	41	53	15	23	0	91	416
7:00AM	7	17	5	3	32	34	35	11	0	80	3	10	9	0	22	20	9	12	0	41	175
7:15AM	10	30	11	10	61	35	30	3	0	68	7	8	11	0	26	28	22	14	1	65	220
7:30AM	11	25	20	11	67	23	40	5	0	68	2	10	8	0	20	36	22	27	0	85	240
7:45AM	12	18	29	9	68	16	36	7	0	59	6	9	15	0	30	28	15	26	0	69	226
Hourly Total	40	90	65	33	228	108	141	26	0	275	18	37	43	0	98	112	68	79	1	260	861
8:00AM	10	38	23	5	76	23	28	7	0	58	6	6	9	0	21	25	18	8	0	51	206
8:15AM	8	24	13	2	47	21	29	4	0	54	2	11	12	0	25	37	16	22	0	75	201
8:30AM	12	21	17	11	61	12	25	8	0	45	4	8	11	0	23	22	13	13	0	48	177
8:45AM	17	29	17	5	68	18	24	9	0	51	12	13	11	0	36	20	22	14	0	56	211
Hourly Total	47	112	70	23	252	74	106	28	0	208	24	38	43	0	105	104	69	57	0	230	795
9:00AM	6	20	15	11	52	15	16	4	0	35	4	13	9	0	26	38	15	13	1	67	180
9:15AM	14	10	7	4	35	15	16	5	0	36	7	10	11	0	28	21	11	12	0	44	143
9:30AM	7	11	12	4	34	17	13	7	0	37	6	12	13	0	31	24	14	9	0	47	149
9:45AM	9	15	19	10	53	10	15	9	0	34	3	13	11	0	27	35	16	14	0	65	179
Hourly Total	36	56	53	29	174	57	60	25	0	142	20	48	44	0	112	118	56	48	1	223	651
10:00AM	12	10	4	2	28	12	12	7	0	31	3	14	12	0	29	23	9	6	0	38	126
10:15AM	5	17	16	6	44	10	4	9	0	23	1	8	7	0	16	28	7	12	0	47	130
10:30AM	11	15	11	2	39	6	19	6	0	31	4	23	5	0	32	28	12	9	0	49	151
10:45AM	19	16	16	10	61	18	24	7	0	49	4	16	7	1	28	27	17	15	0	59	197
Hourly Total	47	58	47	20	172	46	59	29	0	134	12	61	31	1	105	106	45	42	0	193	604
11:00AM	16	10	22	9	57	15	25	8	0	48	8	16	9	0	33	38	13	13	0	64	202
11:15AM	20	18	18	8	64	17	17	7	0	41	4	21	6	0	31	37	19	10	0	66	202
11:30AM	17	22	21	5	65	28	22	18	0	68	11	24	15	0	50	28	29	19	0	76	259
11:45AM	23	30	24	8	85	30	31	13	1	75	8	21	17	0	46	34	19	24	1	78	284
Hourly Total	76	80	85	30	271	90	95	46	1	232	31	82	47	0	160	137	80	66	1	284	947
12:00PM	19	19	26	7	71	20	14	13	0	47	4	35	12	0	51	52	36	19	0	107	276
12:15PM	16	16	26	16	74	17	28	8	0	53	6	38	17	0	61	47	43	19	1	110	298
12:30PM	30	26	25	13	94	24	27	8	1	60	8	36	13	0	57	27	18	20	0	65	276
12:45PM	23	26	26	7	82	15	20	14	0	49	9	30	14	0	53	43	29	15	2	89	273
Hourly Total	88	87	103	43	321	76	89	43	1	209	27	139	56	0	222	169	126	73	3	371	1123
1:00PM	26	26	28	7	87	17	28	8	0	53	12	25	15	0	52	44	22	9	0	75	267
1:15PM	20	14	12	8	54	15	8	11	0	34	10	25	10	0	45	33	27	13	0	73	206
1:30PM	19	28	19	9	75	13	10	7	0	30	6	28	8	0	42	43	22	13	0	78	225

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
1:45PM	22	18	17	6	63	14	16	4	0	34	5	26	16	0	47	34	15	24	0	73	217	
Hourly Total	87	86	76	30	279	59	62	30	0	151	33	104	49	0	186	154	86	59	0	299	915	
2:00PM	14	12	22	8	56	14	13	4	0	31	2	22	12	0	36	35	20	18	0	73	196	
2:15PM	9	22	20	10	61	14	14	3	0	31	5	19	3	0	27	31	16	17	0	64	183	
2:30PM	10	16	14	7	47	15	28	6	0	49	6	23	6	0	35	39	18	14	0	71	202	
2:45PM	12	27	20	9	68	16	18	6	0	40	8	18	8	0	34	41	19	13	0	73	215	
Hourly Total	45	77	76	34	232	59	73	19	0	151	21	82	29	0	132	146	73	62	0	281	796	
3:00PM	13	24	26	5	68	18	17	3	0	38	2	13	8	0	23	43	14	30	0	87	216	
3:15PM	18	28	18	14	78	13	19	6	0	38	7	14	7	0	28	35	22	18	0	75	219	
3:30PM	21	26	25	7	79	24	29	11	0	64	5	28	17	0	50	36	23	16	0	75	268	
3:45PM	18	25	18	9	70	19	19	9	0	47	2	31	17	0	50	32	24	17	0	73	240	
Hourly Total	70	103	87	35	295	74	84	29	0	187	16	86	49	0	151	146	83	81	0	310	943	
4:00PM	19	28	25	4	76	20	28	11	0	59	9	37	12	0	58	42	20	24	1	87	280	
4:15PM	17	39	36	8	100	20	28	8	0	56	4	22	9	0	35	32	34	20	0	86	277	
4:30PM	20	42	18	14	94	29	52	10	0	91	7	31	5	0	43	31	27	15	0	73	301	
4:45PM	28	40	25	10	103	26	38	6	0	70	6	29	9	0	44	37	23	20	0	80	297	
Hourly Total	84	149	104	36	373	95	146	35	0	276	26	119	35	0	180	142	104	79	1	326	1155	
5:00PM	30	41	30	7	108	32	38	18	0	88	0	25	15	1	41	38	30	26	1	95	332	
5:15PM	29	40	26	5	100	26	40	9	0	75	8	37	13	0	58	38	28	17	0	83	316	
5:30PM	33	35	24	9	101	27	32	9	0	68	7	40	13	0	60	37	30	21	1	89	318	
5:45PM	31	44	33	11	119	19	29	12	0	60	8	43	11	0	62	38	28	13	1	80	321	
Hourly Total	123	160	113	32	428	104	139	48	0	291	23	145	52	1	221	151	116	77	3	347	1287	
6:00PM	26	41	33	11	111	21	27	7	0	55	12	40	13	0	65	51	31	14	0	96	327	
6:15PM	26	30	33	8	97	11	16	7	0	34	3	31	7	1	42	25	32	20	0	77	250	
6:30PM	16	25	32	12	85	16	20	4	0	40	7	21	9	0	37	31	19	14	1	65	227	
6:45PM	21	31	25	10	87	17	11	6	0	34	3	32	15	0	50	37	24	11	0	72	243	
Hourly Total	89	127	123	41	380	65	74	24	0	163	25	124	44	1	194	144	106	59	1	310	1047	
7:00PM	19	12	25	9	65	11	10	10	0	31	10	31	8	0	49	30	27	14	0	71	216	
7:15PM	22	24	48	15	109	13	12	5	0	30	4	36	15	0	55	45	24	12	0	81	275	
7:30PM	16	21	22	10	69	21	8	7	0	36	5	24	15	0	44	42	15	28	0	85	234	
7:45PM	15	16	27	10	68	10	8	5	0	23	3	36	17	0	56	34	23	16	1	74	221	
Hourly Total	72	73	122	44	311	55	38	27	0	120	22	127	55	0	204	151	89	70	1	311	946	
8:00PM	24	19	25	14	82	17	6	7	0	30	4	33	10	0	47	39	23	18	0	80	239	
8:15PM	17	17	23	13	70	17	11	1	0	29	5	26	11	0	42	37	22	20	0	79	220	
8:30PM	24	17	16	10	67	11	8	0	0	19	2	30	13	0	45	42	15	22	1	80	211	
8:45PM	9	24	14	6	53	13	8	4	0	25	6	17	8	0	31	27	14	18	0	59	168	
Hourly Total	74	77	78	43	272	58	33	12	0	103	17	106	42	0	165	145	74	78	1	298	838	
9:00PM	13	16	18	11	58	12	6	6	0	24	5	14	10	0	29	19	14	16	0	49	160	
9:15PM	12	12	11	6	41	11	7	3	0	21	1	17	13	0	31	20	9	14	0	43	136	
9:30PM	13	20	7	9	49	8	4	2	0	14	5	13	11	1	30	23	6	9	0	38	131	
9:45PM	7	14	8	7	36	5	0	1	0	6	0	9	3	0	12	11	10	12	0	33	87	
Hourly Total	45	62	44	33	184	36	17	12	0	65	11	53	37	1	102	73	39	51	0	163	514	
10:00PM	9	15	6	5	35	2	5	0	0	7	1	14	2	0	17	10	5	8	0	23	82	
10:15PM	3	5	3	1	12	4	4	2	0	10	1	5	8	0	14	5	0	4	0	9	45	
10:30PM	4	6	3	1	14	1	6	1	0	8	2	5	5	0	12	3	2	6	0	11	45	
10:45PM	5	11	4	5	25	1	2	1	0	4	0	5	5	1	11	3	1	6	0	10	50	
Hourly Total	21	37	16	12	86	8	17	4	0	29	4	29	20	1	54	21	8	24	0	53	222	
11:00PM	3	5	4	2	14	7	4	3	0	14	0	3	4	0	7	8	1	2	0	11	46	
11:15PM	2	5	2	2	11	5	1	0	0	6	1	1	1	0	3	5	1	3	0	9	29	
11:30PM	2	1	0	1	4	1	4	0	0	5	0	3	0	0	3	4	0	7	0	11	23	
11:45PM	0	2	4	0	6	1	3	0	0	4	0	1	1	0	2	4	1	0	0	5	17	
Hourly Total	7	13	10	5	35	14	12	3	0	29	1	8	6	0	15	21	3	12	0	36	115	
2019-04-17																						
12:00AM	1	2	1	1	5	2	1	0	0	3	0	1	1	0	2	3	0	0	0	3	13	
12:15AM	0	2	0	0	2	1	0	1	0	2	0	4	0	0	4	1	0	2	0	3	11	
12:30AM	0	2	1	0	3	1	0	0	0	1	0	0	0	0	0	1	0	1	0	2	6	
12:45AM	0	1	1	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
Hourly Total	1	7	3	2	13	4	1	1	0	6	0	5	1	0	6	5	0	3	0	8	33	
1:00AM	0	2	1	0	3	0	1	0	0	1	0	0	0	0	0	1	2	3	0	6	10	
1:15AM	0	0	3	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
1:30AM	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	0	1	2	0	3	5	
1:45AM	0	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	
Hourly Total	0	3	5	2	10	0	2	0	0	2	0	0	0	0	0	1	4	5	0	10	22	
Total	1092	1583	1319	555	4549	1164	1398	462	2	3026	341	1420	709	5	2475	2121	1252	1077	13	4463	14513	
% Approach	24.0%	34.8%	29.0%	12.2%	-	38.5%	46.2%	15.3%	0.1%	-	13.8%	57.4%	28.6%	0.2%	-	47.5%	28.1%	24.1%	0.3%	-	-	

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
% Total	7.5%	10.9%	9.1%	3.8%	31.3%	8.0%	9.6%	3.2%	0%	20.9%	2.3%	9.8%	4.9%	0%	17.1%	14.6%	8.6%	7.4%	0.1%	30.8%	-
Lights and Motorcycles	1079	1522	1288	549	4438	1132	1347	455	2	2936	335	1412	696	5	2448	2082	1232	1053	13	4380	14202
% Lights and Motorcycles	98.8%	96.1%	97.6%	98.9%	97.6%	97.3%	96.4%	98.5%	100%	97.0%	98.2%	99.4%	98.2%	100%	98.9%	98.2%	98.4%	97.8%	100%	98.1%	97.9%
Heavy	13	61	31	6	111	32	51	7	0	90	6	8	13	0	27	39	20	24	0	83	311
% Heavy	1.2%	3.9%	2.4%	1.1%	2.4%	2.7%	3.6%	1.5%	0%	3.0%	1.8%	0.6%	1.8%	0%	1.1%	1.8%	1.6%	2.2%	0%	1.9%	2.1%

*L: Left, R: Right, T: Thru, U: U-Turn

TEGLER DR & BERGEN BLVD - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646250, Location: 39.995253, -85.927355, Site Code: i-219



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-16 7:15AM	10	30	11	10	61	35	30	3	0	68	7	8	11	0	26	28	22	14	1	65	220
7:30AM	11	25	20	11	67	23	40	5	0	68	2	10	8	0	20	36	22	27	0	85	240
7:45AM	12	18	29	9	68	16	36	7	0	59	6	9	15	0	30	28	15	26	0	69	226
8:00AM	10	38	23	5	76	23	28	7	0	58	6	6	9	0	21	25	18	8	0	51	206
Total	43	111	83	35	272	97	134	22	0	253	21	33	43	0	97	117	77	75	1	270	892
% Approach	15.8%	40.8%	30.5%	12.9%	-	38.3%	53.0%	8.7%	0%	-	21.6%	34.0%	44.3%	0%	-	43.3%	28.5%	27.8%	0.4%	-	-
% Total	4.8%	12.4%	9.3%	3.9%	30.5%	10.9%	15.0%	2.5%	0%	28.4%	2.4%	3.7%	4.8%	0%	10.9%	13.1%	8.6%	8.4%	0.1%	30.3%	-
PHF	0.896	0.730	0.716	0.795	0.895	0.693	0.838	0.786	-	0.930	0.750	0.825	0.717	-	0.808	0.813	0.875	0.694	0.250	0.794	0.929
Lights and Motorcycles	41	108	81	34	264	94	134	22	0	250	20	31	40	0	91	114	68	71	1	254	859
% Lights and Motorcycles	95.3%	97.3%	97.6%	97.1%	97.1%	96.9%	100%	100%	0%	98.8%	95.2%	93.9%	93.0%	0%	93.8%	97.4%	88.3%	94.7%	100%	94.1%	96.3%
Heavy	2	3	2	1	8	3	0	0	0	3	1	2	3	0	6	3	9	4	0	16	33
% Heavy	4.7%	2.7%	2.4%	2.9%	2.9%	3.1%	0%	0%	0%	1.2%	4.8%	6.1%	7.0%	0%	6.2%	2.6%	11.7%	5.3%	0%	5.9%	3.7%

*L: Left, R: Right, T: Thru, U: U-Turn

TEGLER DR & BERGEN BLVD - TMC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 5PM - 6 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646250, Location: 39.995253, -85.927355, Site Code: i-219



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-16 5:00PM	30	41	30	7	108	32	38	18	0	88	0	25	15	1	41	38	30	26	1	95	332
5:15PM	29	40	26	5	100	26	40	9	0	75	8	37	13	0	58	38	28	17	0	83	316
5:30PM	33	35	24	9	101	27	32	9	0	68	7	40	13	0	60	37	30	21	1	89	318
5:45PM	31	44	33	11	119	19	29	12	0	60	8	43	11	0	62	38	28	13	1	80	321
Total	123	160	113	32	428	104	139	48	0	291	23	145	52	1	221	151	116	77	3	347	1287
% Approach	28.7%	37.4%	26.4%	7.5%	-	35.7%	47.8%	16.5%	0%	-	10.4%	65.6%	23.5%	0.5%	-	43.5%	33.4%	22.2%	0.9%	-	-
% Total	9.6%	12.4%	8.8%	2.5%	33.3%	8.1%	10.8%	3.7%	0%	22.6%	1.8%	11.3%	4.0%	0.1%	17.2%	11.7%	9.0%	6.0%	0.2%	27.0%	-
PHF	0.932	0.909	0.856	0.727	0.899	0.813	0.869	0.667	-	0.827	0.719	0.843	0.867	0.250	0.891	0.993	0.967	0.740	0.750	0.913	0.969
Lights and Motorcycles	122	158	113	32	425	104	137	48	0	289	23	145	52	1	221	150	116	76	3	345	1280
% Lights and Motorcycles	99.2%	98.8%	100%	100%	99.3%	100%	98.6%	100%	0%	99.3%	100%	100%	100%	100%	100%	99.3%	100%	98.7%	100%	99.4%	99.5%
Heavy	1	2	0	0	3	0	2	0	0	2	0	0	0	0	0	1	0	1	0	2	7
% Heavy	0.8%	1.3%	0%	0%	0.7%	0%	1.4%	0%	0%	0.7%	0%	0%	0%	0%	0%	0.7%	0%	1.3%	0%	0.6%	0.5%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & BERGEN BLVD (HARRELL PKWY) - TMC

Tue Apr 16, 2019

Full Length (2 AM-2 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646251, Location: 39.993951, -85.928503, Site Code: i-220



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-16																						
2:00AM	0	1	2	0	3	0	0	0	0	0	0	5	0	0	5	0	5	1	0	6	14	
2:15AM	0	0	1	0	1	2	0	0	0	2	0	4	0	0	4	1	4	2	0	7	14	
2:30AM	0	0	0	0	0	2	0	0	0	2	0	3	0	0	3	1	8	0	0	9	14	
2:45AM	0	1	0	0	1	3	0	0	0	3	0	5	0	0	5	0	4	3	0	7	16	
Hourly Total	0	2	3	0	5	7	0	0	0	7	0	17	0	0	17	2	21	6	0	29	58	
3:00AM	0	0	0	0	0	3	1	3	0	7	0	6	0	0	6	0	5	0	0	5	18	
3:15AM	0	0	0	0	0	2	0	0	0	2	2	5	0	0	7	0	3	0	0	3	12	
3:30AM	0	0	1	0	1	6	0	0	0	6	0	10	0	0	10	1	4	1	0	6	23	
3:45AM	0	0	0	0	0	1	0	0	0	1	1	2	0	0	3	0	6	1	0	7	11	
Hourly Total	0	0	1	0	1	12	1	3	0	16	3	23	0	0	26	1	18	2	0	21	64	
4:00AM	0	0	1	0	1	0	0	0	0	0	0	9	0	0	9	0	3	7	0	10	20	
4:15AM	1	0	1	0	2	4	0	0	0	4	2	13	1	0	16	0	5	0	0	5	27	
4:30AM	0	0	4	0	4	6	1	2	0	9	1	20	0	0	21	2	14	0	0	16	50	
4:45AM	0	0	0	0	0	7	1	0	0	8	3	16	0	0	19	2	12	6	0	20	47	
Hourly Total	1	0	6	0	7	17	2	2	0	21	6	58	1	0	65	4	34	13	0	51	144	
5:00AM	0	0	2	0	2	6	0	1	1	8	1	25	0	0	26	2	12	4	0	18	54	
5:15AM	0	0	1	0	1	8	0	2	0	10	2	31	1	0	34	2	21	11	0	34	79	
5:30AM	0	3	4	0	7	7	0	1	0	8	4	52	1	0	57	1	26	26	0	53	125	
5:45AM	0	1	9	0	10	11	1	1	0	13	8	57	2	0	67	10	50	28	0	88	178	
Hourly Total	0	4	16	0	20	32	1	5	1	39	15	165	4	0	184	15	109	69	0	193	436	
6:00AM	0	0	5	0	5	19	0	2	0	21	1	89	0	0	90	3	64	8	0	75	191	
6:15AM	1	3	10	0	14	42	2	5	0	49	11	123	0	0	134	5	98	17	0	120	317	
6:30AM	0	3	17	0	20	32	2	7	0	41	11	152	1	1	165	10	150	32	0	192	418	
6:45AM	0	5	35	0	40	53	8	5	0	66	10	177	1	0	188	25	137	44	0	206	500	
Hourly Total	1	11	67	0	79	146	12	19	0	177	33	541	2	1	577	43	449	101	0	593	1426	
7:00AM	0	8	49	0	57	60	3	5	0	68	10	273	3	0	286	10	130	33	0	173	584	
7:15AM	0	13	52	0	65	69	2	7	0	78	10	252	1	0	263	12	146	49	0	207	613	
7:30AM	1	5	41	0	47	82	2	9	0	93	28	282	3	0	313	12	157	51	0	220	673	
7:45AM	0	9	28	0	37	75	7	8	0	90	20	202	3	0	225	17	187	61	0	265	617	
Hourly Total	1	35	170	0	206	286	14	29	0	329	68	1009	10	0	1087	51	620	194	0	865	2487	
8:00AM	1	15	25	0	41	58	3	4	0	65	21	239	1	0	261	10	134	53	0	197	564	
8:15AM	1	8	21	0	30	67	4	8	0	79	16	216	0	0	232	18	142	50	0	210	551	
8:30AM	0	9	27	0	36	63	3	6	0	72	17	183	6	0	206	13	137	36	0	186	500	
8:45AM	1	9	14	0	24	35	12	13	0	60	13	158	1	0	172	23	134	61	1	219	475	
Hourly Total	3	41	87	0	131	223	22	31	0	276	67	796	8	0	871	64	547	200	1	812	2090	
9:00AM	4	9	15	0	28	51	15	10	0	76	10	123	0	0	133	28	103	40	0	171	408	
9:15AM	6	7	15	0	28	35	9	8	0	52	6	127	7	0	140	27	117	36	0	180	400	
9:30AM	1	6	12	0	19	35	11	6	0	52	11	125	3	0	139	24	93	31	1	149	359	
9:45AM	6	8	26	0	40	45	14	10	0	69	12	112	12	0	136	39	123	35	0	197	442	
Hourly Total	17	30	68	0	115	166	49	34	0	249	39	487	22	0	548	118	436	142	1	697	1609	
10:00AM	3	6	34	0	43	26	14	11	0	51	10	103	5	0	118	36	98	33	0	167	379	
10:15AM	8	10	24	0	42	23	15	7	0	45	15	124	9	0	148	29	94	29	0	152	387	
10:30AM	6	12	25	0	43	25	16	11	0	52	11	117	17	0	145	32	112	40	1	185	425	
10:45AM	9	13	28	1	51	44	13	10	0	67	9	116	10	0	135	51	116	54	0	221	474	
Hourly Total	26	41	111	1	179	118	58	39	0	215	45	460	41	0	546	148	420	156	1	725	1665	
11:00AM	11	17	29	0	57	48	23	12	0	83	24	94	12	0	130	43	95	53	0	191	461	
11:15AM	10	15	30	0	55	34	24	12	0	70	12	131	10	0	153	39	117	42	0	198	476	
11:30AM	9	21	36	0	66	36	18	14	0	68	20	111	7	0	138	40	135	57	0	232	504	
11:45AM	6	22	38	0	66	47	31	12	0	90	23	110	13	0	146	59	111	57	0	227	529	
Hourly Total	36	75	133	0	244	165	96	50	0	311	79	446	42	0	567	181	458	209	0	848	1970	
12:00PM	12	27	36	0	75	35	24	25	0	84	15	112	17	0	144	58	146	62	1	267	570	
12:15PM	12	14	32	3	61	63	29	12	0	104	21	116	14	0	151	61	129	59	0	249	565	
12:30PM	15	37	43	0	95	45	20	17	0	82	14	102	18	0	134	62	154	53	1	270	581	
12:45PM	9	32	57	0	98	42	21	23	0	86	18	159	9	0	186	61	121	54	0	236	606	
Hourly Total	48	110	168	3	329	185	94	77	0	356	68	489	58	0	615	242	550	228	2	1022	2322	
1:00PM	18	32	44	0	94	45	30	18	1	94	18	120	8	0	146	51	117	55	0	223	557	
1:15PM	17	24	46	0	87	32	11	13	0	56	12	125	9	0	146	42	118	43	0	203	492	
1:30PM	19	26	46	1	92	35	25	18	0	78	15	130	8	0	153	47	123	52	0	222	545	

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
1:45PM	14	25	45	0	84	40	20	10	0	70	20	123	13	0	156	46	121	39	2	208	518
Hourly Total	68	107	181	1	357	152	86	59	1	298	65	498	38	0	601	186	479	189	2	856	2112
2:00PM	14	22	46	1	83	35	18	13	0	66	16	136	12	0	164	44	138	39	0	221	534
2:15PM	16	24	50	2	92	37	14	8	0	59	17	123	13	1	154	37	130	35	0	202	507
2:30PM	15	11	52	2	80	48	16	16	1	81	13	168	9	0	190	41	129	47	0	217	568
2:45PM	17	27	49	0	93	40	17	16	0	73	7	126	8	0	141	47	114	48	0	209	516
Hourly Total	62	84	197	5	348	160	65	53	1	279	53	553	42	1	649	169	511	169	0	849	2125
3:00PM	12	29	52	0	93	41	17	14	0	72	18	140	7	0	165	45	172	55	0	272	602
3:15PM	12	29	52	1	94	42	16	16	0	74	12	140	12	0	164	53	167	59	0	279	611
3:30PM	13	24	60	1	98	49	19	20	0	88	22	164	13	0	199	57	152	55	0	264	649
3:45PM	16	22	36	0	74	42	19	11	0	72	18	152	14	0	184	61	194	54	0	309	639
Hourly Total	53	104	200	2	359	174	71	61	0	306	70	596	46	0	712	216	685	223	0	1124	2501
4:00PM	17	28	53	0	98	61	15	15	1	92	17	194	13	0	224	70	183	58	0	311	725
4:15PM	22	39	58	0	119	45	23	12	0	80	13	187	9	0	209	56	216	75	0	347	755
4:30PM	20	24	54	0	98	54	24	19	0	97	16	174	14	0	204	52	207	76	0	335	734
4:45PM	16	32	43	0	91	45	34	14	0	93	18	167	20	0	205	86	230	86	0	402	791
Hourly Total	75	123	208	0	406	205	96	60	1	362	64	722	56	0	842	264	836	295	0	1395	3005
5:00PM	31	34	76	1	142	60	26	20	0	106	14	186	17	0	217	63	234	83	0	380	845
5:15PM	19	28	56	1	104	48	30	19	0	97	20	201	18	0	239	55	253	88	2	398	838
5:30PM	16	21	48	1	86	42	29	16	0	87	21	208	13	0	242	60	259	82	0	401	816
5:45PM	19	28	45	3	95	44	25	23	0	92	19	165	7	0	191	66	233	88	1	388	766
Hourly Total	85	111	225	6	427	194	110	78	0	382	74	760	55	0	889	244	979	341	3	1567	3265
6:00PM	18	23	48	0	89	51	27	20	0	98	28	173	12	1	214	68	210	77	0	355	756
6:15PM	23	25	53	2	103	32	16	12	0	60	20	158	11	0	189	44	187	70	0	301	653
6:30PM	14	30	50	1	95	39	20	9	0	68	18	162	10	0	190	61	149	62	0	272	625
6:45PM	17	37	48	0	102	36	19	20	0	75	35	147	12	0	194	56	150	56	0	262	633
Hourly Total	72	115	199	3	389	158	82	61	0	301	101	640	45	1	787	229	696	265	0	1190	2667
7:00PM	9	24	42	0	75	28	19	9	0	56	8	113	9	1	131	49	110	58	0	217	479
7:15PM	17	37	43	0	97	42	27	20	0	89	25	115	10	0	150	42	125	68	0	235	571
7:30PM	21	31	54	1	107	41	21	15	0	77	18	115	4	0	137	35	105	42	1	183	504
7:45PM	14	22	45	0	81	30	20	16	0	66	23	100	7	0	130	35	98	37	0	170	447
Hourly Total	61	114	184	1	360	141	87	60	0	288	74	443	30	1	548	161	438	205	1	805	2001
8:00PM	11	31	51	0	93	35	20	16	0	71	27	118	8	0	153	26	89	45	1	161	478
8:15PM	12	23	49	0	84	34	18	17	0	69	28	93	4	0	125	27	101	46	2	176	454
8:30PM	10	19	47	0	76	41	18	18	0	77	17	109	4	1	131	32	102	39	1	174	458
8:45PM	10	16	43	0	69	23	10	15	0	48	10	94	1	0	105	14	94	37	0	145	367
Hourly Total	43	89	190	0	322	133	66	66	0	265	82	414	17	1	514	99	386	167	4	656	1757
9:00PM	15	13	36	1	65	20	10	15	0	45	13	74	2	2	91	9	76	33	1	119	320
9:15PM	9	12	34	0	55	29	7	8	1	45	16	87	2	0	105	7	65	30	0	102	307
9:30PM	9	10	23	0	42	33	7	8	0	48	11	65	0	0	76	5	61	32	1	99	265
9:45PM	4	5	19	0	28	16	2	2	1	21	4	66	1	0	71	4	50	22	0	76	196
Hourly Total	37	40	112	1	190	98	26	33	2	159	44	292	5	2	343	25	252	117	2	396	1088
10:00PM	4	5	21	0	30	17	3	3	0	23	5	47	1	0	53	0	40	18	0	58	164
10:15PM	1	4	10	0	15	14	3	1	0	18	3	38	1	0	42	5	49	3	1	58	133
10:30PM	0	4	14	0	18	9	2	3	0	14	3	26	1	0	30	8	34	10	0	52	114
10:45PM	1	3	10	0	14	11	0	4	0	15	3	22	0	0	25	2	34	13	0	49	103
Hourly Total	6	16	55	0	77	51	8	11	0	70	14	133	3	0	150	15	157	44	1	217	514
11:00PM	0	2	7	0	9	12	0	5	0	17	6	19	0	0	25	2	25	3	0	30	81
11:15PM	1	1	5	0	7	6	2	2	0	10	0	18	0	0	18	2	25	10	0	37	72
11:30PM	0	2	5	0	7	8	0	1	0	9	2	13	0	0	15	2	21	0	0	23	54
11:45PM	0	0	0	0	0	6	0	2	0	8	1	13	0	0	14	1	16	3	0	20	42
Hourly Total	1	5	17	0	23	32	2	10	0	44	9	63	0	0	72	7	87	16	0	110	249
2019-04-17																					
12:00AM	0	0	9	0	9	3	0	3	0	6	1	12	0	0	13	1	16	5	0	22	50
12:15AM	0	1	2	0	3	0	1	0	0	1	0	14	0	0	14	0	21	2	0	23	41
12:30AM	0	0	2	0	2	1	0	0	0	1	0	8	0	0	8	0	10	3	0	13	24
12:45AM	0	0	2	0	2	1	0	0	0	1	1	7	0	0	8	1	12	1	0	14	25
Hourly Total	0	1	15	0	16	5	1	3	0	9	2	41	0	0	43	2	59	11	0	72	140
1:00AM	0	2	1	0	3	2	0	0	0	2	0	9	0	0	9	1	4	4	0	9	23
1:15AM	0	0	1	0	1	1	0	0	0	1	0	4	0	0	4	0	8	1	0	9	15
1:30AM	0																				

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
% Approach	15.1%	27.4%	56.9%	0.5%	-	60.1%	22.0%	17.7%	0.1%	-	9.6%	85.7%	4.7%	0.1%	-	16.5%	61.2%	22.3%	0.1%	-	-
% Total	1.9%	3.5%	7.3%	0.1%	12.9%	8.0%	2.9%	2.4%	0%	13.3%	3.0%	27.0%	1.5%	0%	31.5%	7.0%	25.9%	9.4%	0.1%	42.3%	-
Lights and Motorcycles	694	1246	2588	23	4551	2782	1039	821	6	4648	1057	9283	523	7	10870	2464	8878	3286	18	14646	34715
% Lights and Motorcycles	99.7%	98.9%	98.9%	100%	99.0%	97.1%	99.0%	97.3%	100%	97.6%	98.1%	96.0%	99.6%	100%	96.4%	99.0%	96.0%	97.6%	100%	96.9%	97.1%
% Heavy	2	14	29	0	45	83	10	23	0	116	20	385	2	0	407	24	370	82	0	476	1044
% Heavy	0.3%	1.1%	1.1%	0%	1.0%	2.9%	1.0%	2.7%	0%	2.4%	1.9%	4.0%	0.4%	0%	3.6%	1.0%	4.0%	2.4%	0%	3.1%	2.9%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & BERGEN BLVD (HARRELL PKWY) - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646251, Location: 39.993951, -85.928503, Site Code: i-220



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-16																						
7:00AM	0	8	49	0	57	60	3	5	0	68	10	273	3	0	286	10	130	33	0	173	584	
7:15AM	0	13	52	0	65	69	2	7	0	78	10	252	1	0	263	12	146	49	0	207	613	
7:30AM	1	5	41	0	47	82	2	9	0	93	28	282	3	0	313	12	157	51	0	220	673	
7:45AM	0	9	28	0	37	75	7	8	0	90	20	202	3	0	225	17	187	61	0	265	617	
Total	1	35	170	0	206	286	14	29	0	329	68	1009	10	0	1087	51	620	194	0	865	2487	
% Approach	0.5%	17.0%	82.5%	0%	-	86.9%	4.3%	8.8%	0%	-	6.3%	92.8%	0.9%	0%	-	5.9%	71.7%	22.4%	0%	-	-	-
% Total	0%	1.4%	6.8%	0%	8.3%	11.5%	0.6%	1.2%	0%	13.2%	2.7%	40.6%	0.4%	0%	43.7%	2.1%	24.9%	7.8%	0%	34.8%	-	-
PHF	0.250	0.673	0.817	-	0.792	0.872	0.500	0.806	-	0.884	0.607	0.895	0.833	-	0.868	0.750	0.829	0.795	-	0.816	0.924	
Lights and Motorcycles	1	35	170	0	206	282	12	29	0	323	67	983	10	0	1060	51	593	188	0	832	2421	
% Lights and Motorcycles	100%	100%	100%	0%	100%	98.6%	85.7%	100%	0%	98.2%	98.5%	97.4%	100%	0%	97.5%	100%	95.6%	96.9%	0%	96.2%	97.3%	
Heavy	0	0	0	0	0	4	2	0	0	6	1	26	0	0	27	0	27	6	0	33	66	
% Heavy	0%	0%	0%	0%	0%	1.4%	14.3%	0%	0%	1.8%	1.5%	2.6%	0%	0%	2.5%	0%	4.4%	3.1%	0%	3.8%	2.7%	

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & BERGEN BLVD (HARRELL PKWY) - TMC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 4:45PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646251, Location: 39.993951, -85.928503, Site Code: i-220



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 4:45PM	16	32	43	0	91	45	34	14	0	93	18	167	20	0	205	86	230	86	0	402	791
5:00PM	31	34	76	1	142	60	26	20	0	106	14	186	17	0	217	63	234	83	0	380	845
5:15PM	19	28	56	1	104	48	30	19	0	97	20	201	18	0	239	55	253	88	2	398	838
5:30PM	16	21	48	1	86	42	29	16	0	87	21	208	13	0	242	60	259	82	0	401	816
Total	82	115	223	3	423	195	119	69	0	383	73	762	68	0	903	264	976	339	2	1581	3290
% Approach	19.4%	27.2%	52.7%	0.7%	-	50.9%	31.1%	18.0%	0%	-	8.1%	84.4%	7.5%	0%	-	16.7%	61.7%	21.4%	0.1%	-	-
% Total	2.5%	3.5%	6.8%	0.1%	12.9%	5.9%	3.6%	2.1%	0%	11.6%	2.2%	23.2%	2.1%	0%	27.4%	8.0%	29.7%	10.3%	0.1%	48.1%	-
PHF	0.661	0.846	0.734	0.750	0.745	0.813	0.875	0.863	-	0.903	0.869	0.916	0.850	-	0.933	0.767	0.942	0.963	0.250	0.983	0.973
Lights and Motorcycles	82	114	223	3	422	191	119	67	0	377	73	746	67	0	886	262	961	336	2	1561	3246
% Lights and Motorcycles	100%	99.1%	100%	100%	99.8%	97.9%	100%	97.1%	0%	98.4%	100%	97.9%	98.5%	0%	98.1%	99.2%	98.5%	99.1%	100%	98.7%	98.7%
Heavy	0	1	0	0	1	4	0	2	0	6	0	16	1	0	17	2	15	3	0	20	44
% Heavy	0%	0.9%	0%	0%	0.2%	2.1%	0%	2.9%	0%	1.6%	0%	2.1%	1.5%	0%	1.9%	0.8%	1.5%	0.9%	0%	1.3%	1.3%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & TOWN CENTER BLVD - TMC

Tue Apr 16, 2019

Full Length (2 AM-2 AM (+1))

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646249, Location: 39.995174, -85.930948, Site Code: i-221



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-16 2:00AM	0	0	1	0	1	0	0	0	0	0	0	4	0	0	4	0	4	0	0	4	9
2:15AM	0	0	0	0	0	0	0	0	0	0	1	4	0	0	5	0	7	0	0	7	12
2:30AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	5	0	0	5	8
2:45AM	0	0	0	0	0	0	0	0	0	0	0	5	0	0	5	0	4	0	0	4	9
Hourly Total	0	0	1	0	1	0	0	0	0	0	1	16	0	0	17	0	20	0	0	20	38
3:00AM	1	0	1	0	2	0	0	0	0	0	0	6	0	0	6	0	8	0	0	8	16
3:15AM	0	0	0	0	0	0	0	1	0	1	0	6	0	0	6	0	3	0	0	3	10
3:30AM	0	0	0	0	0	0	0	0	0	0	0	10	0	0	10	0	4	0	0	4	14
3:45AM	0	0	0	0	0	0	0	0	0	0	0	3	0	0	3	0	5	0	0	5	8
Hourly Total	1	0	1	0	2	0	0	1	0	1	0	25	0	0	25	0	20	0	0	20	48
4:00AM	0	0	0	0	0	0	0	0	0	0	0	9	1	0	10	0	3	0	0	3	13
4:15AM	0	0	0	0	0	0	0	0	0	0	0	16	0	0	16	0	6	0	0	6	22
4:30AM	0	0	0	0	0	0	0	0	0	0	2	22	0	0	24	0	17	0	0	17	41
4:45AM	0	0	0	0	0	0	0	0	0	0	0	19	1	0	20	2	9	0	0	11	31
Hourly Total	0	0	0	0	0	0	0	0	0	0	2	66	2	0	70	2	35	0	0	37	107
5:00AM	0	0	0	0	0	0	0	0	0	0	1	27	0	0	28	0	15	0	0	15	43
5:15AM	0	1	0	0	1	0	0	1	0	1	1	33	0	0	34	0	20	0	0	20	56
5:30AM	0	0	0	0	0	1	1	1	0	3	0	54	1	0	55	1	27	0	0	28	86
5:45AM	0	0	0	0	0	0	0	2	0	2	2	65	2	0	69	1	51	1	0	53	124
Hourly Total	0	1	0	0	1	1	1	4	0	6	4	179	3	0	186	2	113	1	0	116	309
6:00AM	0	0	1	0	1	0	0	1	0	1	4	89	0	0	93	1	63	1	0	65	160
6:15AM	1	0	0	0	1	0	0	2	0	2	4	132	1	0	137	0	97	0	0	97	237
6:30AM	0	0	0	0	0	1	1	8	0	10	5	162	1	0	168	1	161	4	0	166	344
6:45AM	0	0	1	0	1	0	2	10	0	12	4	197	4	0	205	3	157	3	0	163	381
Hourly Total	1	0	2	0	3	1	3	21	0	25	17	580	6	0	603	5	478	8	0	491	1122
7:00AM	0	0	0	0	0	1	0	4	0	5	11	280	2	0	293	3	141	4	0	148	446
7:15AM	1	1	2	0	4	4	1	9	0	14	10	285	3	0	298	2	134	2	0	138	454
7:30AM	1	0	1	0	2	3	1	10	0	14	5	281	4	0	290	4	163	1	0	168	474
7:45AM	1	2	0	0	3	2	1	6	0	9	6	231	2	0	239	3	178	5	0	186	437
Hourly Total	3	3	3	0	9	10	3	29	0	42	32	1077	11	0	1120	12	616	12	0	640	1811
8:00AM	0	0	1	0	1	2	3	12	0	17	10	248	3	0	261	4	141	2	0	147	426
8:15AM	0	0	2	1	3	1	0	8	0	9	9	239	4	0	252	0	143	4	0	147	411
8:30AM	2	2	3	0	7	2	3	3	0	8	4	197	4	0	205	4	137	8	0	149	369
8:45AM	4	0	2	0	6	4	2	11	0	17	7	169	6	0	182	7	126	9	0	142	347
Hourly Total	6	2	8	1	17	9	8	34	0	51	30	853	17	0	900	15	547	23	0	585	1553
9:00AM	5	4	3	0	12	4	3	7	0	14	5	131	2	0	138	0	114	6	0	120	284
9:15AM	3	5	4	0	12	3	4	9	0	16	6	137	8	0	151	3	114	11	0	128	307
9:30AM	5	0	5	0	10	3	8	6	0	17	6	135	12	0	153	2	97	8	0	107	287
9:45AM	6	1	2	0	9	4	6	9	0	19	11	133	13	0	157	21	111	5	0	137	322
Hourly Total	19	10	14	0	43	14	21	31	0	66	28	536	35	0	599	26	436	30	0	492	1200
10:00AM	5	3	6	0	14	2	2	7	0	11	8	114	17	0	139	15	90	5	1	111	275
10:15AM	9	2	14	0	25	4	3	5	0	12	9	140	27	0	176	9	90	7	0	106	319
10:30AM	9	8	10	0	27	5	4	8	0	17	10	117	10	0	137	12	121	5	0	138	319
10:45AM	15	4	6	0	25	6	7	9	0	22	3	118	23	0	144	19	108	6	0	133	324
Hourly Total	38	17	36	0	91	17	16	29	0	62	30	489	77	0	596	55	409	23	1	488	1237
11:00AM	16	5	11	0	32	8	6	6	0	20	10	110	17	0	137	20	87	10	0	117	306
11:15AM	10	2	24	0	36	4	8	8	0	20	13	123	34	1	171	20	115	9	0	144	371
11:30AM	15	10	11	0	36	5	6	13	0	24	10	111	45	0	166	26	119	12	0	157	383
11:45AM	10	6	21	0	37	3	6	13	0	22	12	121	28	0	161	22	117	5	0	144	364
Hourly Total	51	23	67	0	141	20	26	40	0	86	45	465	124	1	635	88	438	36	0	562	1424
12:00PM	20	12	27	0	59	6	9	10	0	25	15	110	28	1	154	20	131	13	0	164	402
12:15PM	14	7	26	1	48	5	7	19	0	31	13	120	26	0	159	28	118	4	0	150	388
12:30PM	21	5	18	0	44	1	9	15	0	25	14	102	35	0	151	30	141	7	0	178	398
12:45PM	27	7	34	0	68	7	6	14	0	27	15	135	30	0	180	23	127	4	0	154	429
Hourly Total	82	31	105	1	219	19	31	58	0	108	57	467	119	1	644	101	517	28	0	646	1617
1:00PM	29	7	26	0	62	4	4	12	1	21	10	110	15	0	135	25	121	5	0	151	369
1:15PM	10	4	31	0	45	4	8	8	0	20	12	127	27	1	167	20	122	5	0	147	379
1:30PM	18	7	34	0	59	1	6	17	0	24	7	116	27	0	150	16	143	6	0	165	398

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
1:45PM	14	1	23	0	38	3	3	10	0	16	14	132	25	0	171	17	117	6	0	140	365
Hourly Total	71	19	114	0	204	12	21	47	1	81	43	485	94	1	623	78	503	22	0	603	1511
2:00PM	31	6	30	0	67	6	7	9	0	22	10	132	30	0	172	17	139	6	0	162	423
2:15PM	23	8	29	0	60	4	1	13	0	18	7	134	24	0	165	9	139	6	0	154	397
2:30PM	19	5	23	0	47	5	4	7	0	16	11	145	22	0	178	19	140	10	0	169	410
2:45PM	30	8	25	0	63	3	7	13	0	23	10	116	19	0	145	17	124	7	0	148	379
Hourly Total	103	27	107	0	237	18	19	42	0	79	38	527	95	0	660	62	542	29	0	633	1609
3:00PM	27	1	24	0	52	4	2	12	0	18	12	145	27	0	184	11	175	5	0	191	445
3:15PM	19	8	18	0	45	5	9	6	0	20	9	131	20	0	160	24	163	7	0	194	419
3:30PM	22	8	24	1	55	1	8	10	0	19	10	172	25	0	207	14	174	5	0	193	474
3:45PM	17	6	19	0	42	3	6	11	0	20	12	168	28	0	208	20	197	6	0	223	493
Hourly Total	85	23	85	1	194	13	25	39	0	77	43	616	100	0	759	69	709	23	0	801	1831
4:00PM	10	10	33	0	53	3	3	19	0	25	10	198	24	0	232	17	201	6	0	224	534
4:15PM	21	4	24	0	49	4	8	10	0	22	9	171	37	0	217	27	217	4	0	248	536
4:30PM	20	4	18	0	42	4	4	13	0	21	9	181	27	0	217	13	229	7	0	249	529
4:45PM	21	10	15	0	46	2	4	8	0	14	15	207	43	0	265	23	242	5	0	270	595
Hourly Total	72	28	90	0	190	13	19	50	0	82	43	757	131	0	931	80	889	22	0	991	2194
5:00PM	20	5	24	0	49	4	15	19	0	38	17	180	38	0	235	31	233	6	0	270	592
5:15PM	24	8	19	0	51	3	5	10	0	18	14	236	29	0	279	26	260	2	0	288	636
5:30PM	31	16	20	0	67	7	6	12	0	25	11	189	33	0	233	26	259	2	0	287	612
5:45PM	24	9	23	0	56	3	3	13	0	19	22	168	43	0	233	29	237	2	0	268	576
Hourly Total	99	38	86	0	223	17	29	54	0	100	64	773	143	0	980	112	989	12	0	1113	2416
6:00PM	24	12	22	0	58	4	6	15	0	25	13	185	36	0	234	22	235	8	0	265	582
6:15PM	32	7	18	0	57	4	6	18	0	28	14	170	37	0	221	29	178	7	0	214	520
6:30PM	33	7	25	0	65	2	4	12	0	18	9	162	42	0	213	23	145	6	0	174	470
6:45PM	25	7	35	0	67	1	4	13	0	18	12	150	47	0	209	28	166	5	0	199	493
Hourly Total	114	33	100	0	247	11	20	58	0	89	48	667	162	0	877	102	724	26	0	852	2065
7:00PM	24	4	23	0	51	3	7	4	0	14	10	129	21	0	160	12	108	1	0	121	346
7:15PM	37	10	26	0	73	1	6	15	0	22	21	114	20	0	155	26	137	2	1	166	416
7:30PM	31	7	30	0	68	2	4	9	0	15	4	109	21	0	134	14	122	8	0	144	361
7:45PM	28	4	23	0	55	3	2	14	0	19	10	107	27	0	144	17	112	0	0	129	347
Hourly Total	120	25	102	0	247	9	19	42	0	70	45	459	89	0	593	69	479	11	1	560	1470
8:00PM	18	12	24	0	54	1	2	13	0	16	11	126	20	0	157	11	100	7	0	118	345
8:15PM	23	5	15	0	43	4	1	10	0	15	11	106	19	0	136	14	115	1	0	130	324
8:30PM	26	7	31	0	64	3	4	13	0	20	6	97	11	0	114	10	122	3	0	135	333
8:45PM	19	7	20	0	46	5	0	8	0	13	6	81	8	0	95	3	114	1	0	118	272
Hourly Total	86	31	90	0	207	13	7	44	0	64	34	410	58	0	502	38	451	12	0	501	1274
9:00PM	19	2	23	0	44	2	3	12	0	17	2	71	4	0	77	2	96	3	0	101	239
9:15PM	17	3	21	0	41	3	1	6	0	10	4	77	4	0	85	2	76	4	0	82	218
9:30PM	14	3	16	0	33	2	1	3	1	7	4	56	2	0	62	2	71	2	0	75	177
9:45PM	7	3	2	0	12	3	0	6	0	9	2	66	2	0	70	0	56	1	0	57	148
Hourly Total	57	11	62	0	130	10	5	27	1	43	12	270	12	0	294	6	299	10	0	315	782
10:00PM	6	4	15	0	25	3	1	7	0	11	0	33	0	0	33	2	44	3	0	49	118
10:15PM	4	3	9	0	16	4	1	3	0	8	0	30	1	0	31	1	51	1	0	53	108
10:30PM	1	1	2	0	4	0	0	2	0	2	1	26	1	0	28	1	35	2	0	38	72
10:45PM	2	1	2	0	5	1	0	4	0	5	4	23	1	0	28	0	33	2	0	35	73
Hourly Total	13	9	28	0	50	8	2	16	0	26	5	112	3	0	120	4	163	8	0	175	371
11:00PM	2	1	1	0	4	0	0	0	0	0	0	22	0	0	22	1	31	0	0	32	58
11:15PM	0	0	1	0	1	0	0	2	0	2	3	17	0	0	20	0	26	1	0	27	50
11:30PM	1	1	2	0	4	3	0	2	0	5	1	10	1	0	12	0	19	3	0	22	43
11:45PM	0	0	1	0	1	1	0	0	0	1	1	12	0	0	13	0	16	1	0	17	32
Hourly Total	3	2	5	0	10	4	0	4	0	8	5	61	1	0	67	1	92	5	0	98	183
2019-04-17																					
12:00AM	3	0	0	0	3	1	0	0	0	1	1	10	0	0	11	0	18	1	0	19	34
12:15AM	2	1	2	0	5	1	0	1	0	2	1	11	0	1	13	0	23	1	0	24	44
12:30AM	2	0	1	0	3	0	0	0	0	0	0	7	0	0	7	0	7	0	0	7	17
12:45AM	0	0	1	0	1	1	0	0	0	1	0	6	0	0	6	0	11	1	0	12	20
Hourly Total	7	1	4	0	12	3	0	1	0	4	2	34	0	1	37	0	59	3	0	62	115
1:00AM	0	0	0	0	0	0	0	0	0	0	0	9	1	0	10	0	5	0	0	5	15
1:15AM	0	0	0	0	0	0	0	0	0	0	0	4	0	0	4	0	7	0	0	7	11
1:30AM	0	0	0	0	0	0	0	0	0	0	0	6	0	0	6	0	3	0	0	3	9
1:45AM	0	0	0	0	0	1	0	1	0	2	0	4	0	0	4	0	6	0	0	6	12
Hourly Total	0	0	0	0	0	1	0	1	0	2	0	23	1	0	24	0	21	0	0	21	47
Total	1031	334	1110	3	2478	223	275	672	2	1172	628	9947	1283	4	11862	927	9549	344	2	10822	26334

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
% Approach	41.6%	13.5%	44.8%	0.1%	-	19.0%	23.5%	57.3%	0.2%	-	5.3%	83.9%	10.8%	0%	-	8.6%	88.2%	3.2%	0%	-	-
% Total	3.9%	1.3%	4.2%	0%	9.4%	0.8%	1.0%	2.6%	0%	4.5%	2.4%	37.8%	4.9%	0%	45.0%	3.5%	36.3%	1.3%	0%	41.1%	-
Lights and Motorcycles	1027	330	1096	3	2456	217	272	658	2	1149	622	9561	1275	4	11462	920	9150	343	2	10415	25482
% Lights and Motorcycles	99.6%	98.8%	98.7%	100%	99.1%	97.3%	98.9%	97.9%	100%	98.0%	99.0%	96.1%	99.4%	100%	96.6%	99.2%	95.8%	99.7%	100%	96.2%	96.8%
% Heavy	4	4	14	0	22	6	3	14	0	23	6	386	8	0	400	7	399	1	0	407	852
% Heavy	0.4%	1.2%	1.3%	0%	0.9%	2.7%	1.1%	2.1%	0%	2.0%	1.0%	3.9%	0.6%	0%	3.4%	0.8%	4.2%	0.3%	0%	3.8%	3.2%

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & TOWN CENTER BLVD - TMC

Tue Apr 16, 2019

AM Peak (Apr 16 2019 7AM - 8 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646249, Location: 39.995174, -85.930948, Site Code: i-221



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-04-16																						
7:00AM	0	0	0	0	0	1	0	4	0	5	11	280	2	0	293	3	141	4	0	148	446	
7:15AM	1	1	2	0	4	4	1	9	0	14	10	285	3	0	298	2	134	2	0	138	454	
7:30AM	1	0	1	0	2	3	1	10	0	14	5	281	4	0	290	4	163	1	0	168	474	
7:45AM	1	2	0	0	3	2	1	6	0	9	6	231	2	0	239	3	178	5	0	186	437	
Total	3	3	3	0	9	10	3	29	0	42	32	1077	11	0	1120	12	616	12	0	640	1811	
% Approach	33.3%	33.3%	33.3%	0%	-	23.8%	7.1%	69.0%	0%	-	2.9%	96.2%	1.0%	0%	-	1.9%	96.3%	1.9%	0%	-	-	
% Total	0.2%	0.2%	0.2%	0%	0.5%	0.6%	0.2%	1.6%	0%	2.3%	1.8%	59.5%	0.6%	0%	61.8%	0.7%	34.0%	0.7%	0%	35.3%	-	
PHF	0.750	0.375	0.375	-	0.563	0.625	0.750	0.725	-	0.750	0.727	0.945	0.688	-	0.940	0.750	0.865	0.600	-	0.860	0.955	
Lights and Motorcycles	3	3	2	0	8	9	3	28	0	40	31	1054	10	0	1095	12	589	12	0	613	1756	
% Lights and Motorcycles	100%	100%	66.7%	0%	88.9%	90.0%	100%	96.6%	0%	95.2%	96.9%	97.9%	90.9%	0%	97.8%	100%	95.6%	100%	0%	95.8%	97.0%	
Heavy	0	0	1	0	1	1	0	1	0	2	1	23	1	0	25	0	27	0	0	27	55	
% Heavy	0%	0%	33.3%	0%	11.1%	10.0%	0%	3.4%	0%	4.8%	3.1%	2.1%	9.1%	0%	2.2%	0%	4.4%	0%	0%	4.2%	3.0%	

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & TOWN CENTER BLVD - TMC

Tue Apr 16, 2019

PM Peak (Apr 16 2019 4:45PM - 5:45 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646249, Location: 39.995174, -85.930948, Site Code: i-221



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-04-16 4:45PM	21	10	15	0	46	2	4	8	0	14	15	207	43	0	265	23	242	5	0	270	595
5:00PM	20	5	24	0	49	4	15	19	0	38	17	180	38	0	235	31	233	6	0	270	592
5:15PM	24	8	19	0	51	3	5	10	0	18	14	236	29	0	279	26	260	2	0	288	636
5:30PM	31	16	20	0	67	7	6	12	0	25	11	189	33	0	233	26	259	2	0	287	612
Total	96	39	78	0	213	16	30	49	0	95	57	812	143	0	1012	106	994	15	0	1115	2435
% Approach	45.1%	18.3%	36.6%	0%	-	16.8%	31.6%	51.6%	0%	-	5.6%	80.2%	14.1%	0%	-	9.5%	89.1%	1.3%	0%	-	-
% Total	3.9%	1.6%	3.2%	0%	8.7%	0.7%	1.2%	2.0%	0%	3.9%	2.3%	33.3%	5.9%	0%	41.6%	4.4%	40.8%	0.6%	0%	45.8%	-
PHF	0.774	0.609	0.813	-	0.795	0.571	0.500	0.645	-	0.625	0.838	0.860	0.831	-	0.907	0.855	0.956	0.625	-	0.968	0.957
Lights and Motorcycles	96	39	77	0	212	16	30	49	0	95	57	796	140	0	993	106	976	15	0	1097	2397
% Lights and Motorcycles	100%	100%	98.7%	0%	99.5%	100%	100%	100%	0%	100%	100%	98.0%	97.9%	0%	98.1%	100%	98.2%	100%	0%	98.4%	98.4%
Heavy	0	0	1	0	1	0	0	0	0	0	0	16	3	0	19	0	18	0	0	18	38
% Heavy	0%	0%	1.3%	0%	0.5%	0%	0%	0%	0%	0%	0%	2.0%	2.1%	0%	1.9%	0%	1.8%	0%	0%	1.6%	1.6%

* L: Left, R: Right, T: Thru, U: U-Turn

MARILYN RD & 141ST ST - TMC

Thu Jan 10, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611115, Location: 39.994013, -85.952051, Site Code: i-222



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-10																					
6:30AM	3	12	0	0	15	0	9	6	0	15	14	2	13	0	29	1	2	0	0	3	62
6:45AM	6	12	0	0	18	0	20	9	0	29	20	1	17	0	38	2	2	3	0	7	92
Hourly Total	9	24	0	0	33	0	29	15	0	44	34	3	30	0	67	3	4	3	0	10	154
7:00AM	12	18	1	0	31	0	25	7	0	32	22	0	20	0	42	2	1	3	0	6	111
7:15AM	13	24	0	1	38	0	29	15	0	44	17	1	23	0	41	4	4	4	0	12	135
7:30AM	11	27	1	0	39	0	13	9	0	22	13	2	8	0	23	2	2	2	0	6	90
7:45AM	12	13	0	0	25	0	14	15	0	29	10	2	9	0	21	0	4	2	0	6	81
Hourly Total	48	82	2	1	133	0	81	46	0	127	62	5	60	0	127	8	11	11	0	30	417
8:00AM	12	19	1	0	32	0	10	9	0	19	14	0	9	0	23	1	0	1	0	2	76
8:15AM	10	13	2	0	25	0	28	8	0	36	13	0	16	0	29	1	1	1	0	3	93
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	22	32	3	0	57	0	38	17	0	55	27	0	25	0	52	2	1	2	0	5	169
3:00PM	51	44	3	0	98	1	9	5	0	15	7	1	9	0	17	3	1	1	0	5	135
3:15PM	10	17	1	0	28	0	21	9	0	30	9	1	14	0	24	0	3	4	0	7	89
3:30PM	12	17	1	0	30	0	19	11	0	30	6	0	8	0	14	0	0	0	0	0	74
3:45PM	12	20	2	0	34	0	20	10	1	31	10	2	11	0	23	0	2	1	0	3	91
Hourly Total	85	98	7	0	190	1	69	35	1	106	32	4	42	0	78	3	6	6	0	15	389
4:00PM	14	18	1	0	33	0	19	13	0	32	15	4	13	0	32	0	0	4	0	4	101
4:15PM	7	13	0	0	20	0	17	10	0	27	17	3	12	0	32	0	1	1	0	2	81
4:30PM	11	17	1	0	29	1	22	13	0	36	16	2	11	1	30	1	0	4	0	5	100
4:45PM	18	15	0	0	33	0	24	9	0	33	14	1	12	0	27	1	0	1	0	2	95
Hourly Total	50	63	2	0	115	1	82	45	0	128	62	10	48	1	121	2	1	10	0	13	377
5:00PM	9	19	1	0	29	1	29	10	0	40	20	2	10	1	33	2	1	0	0	3	105
5:15PM	16	23	1	0	40	0	26	18	0	44	19	0	14	0	33	2	1	0	0	3	120
5:30PM	13	22	3	0	38	0	23	12	0	35	12	2	12	0	26	0	0	0	0	0	99
5:45PM	7	19	1	0	27	1	23	13	0	37	12	0	8	0	20	1	0	1	0	2	86
Hourly Total	45	83	6	0	134	2	101	53	0	156	63	4	44	1	112	5	2	1	0	8	410
6:00PM	6	20	3	0	29	0	17	14	0	31	16	2	8	0	26	1	2	0	0	3	89
6:15PM	11	20	0	0	31	0	14	11	0	25	10	5	21	0	36	2	0	2	0	4	96
6:30PM	4	14	1	0	19	1	16	12	0	29	14	4	4	0	22	0	0	2	0	2	72
6:45PM	6	17	2	0	25	0	12	8	0	20	13	1	9	0	23	3	0	1	0	4	72
Hourly Total	27	71	6	0	104	1	59	45	0	105	53	12	42	0	107	6	2	5	0	13	329
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	286	453	26	1	766	5	459	256	1	721	333	38	291	2	664	29	27	38	0	94	2245
% Approach	37.3%	59.1%	3.4%	0.1%	-	0.7%	63.7%	35.5%	0.1%	-	50.2%	5.7%	43.8%	0.3%	-	30.9%	28.7%	40.4%	0%	-	-
% Total	12.7%	20.2%	1.2%	0%	34.1%	0.2%	20.4%	11.4%	0%	32.1%	14.8%	1.7%	13.0%	0.1%	29.6%	1.3%	1.2%	1.7%	0%	4.2%	-
Lights and Motorcycles	271	430	23	1	725	5	435	248	1	689	324	38	278	2	642	25	24	37	0	86	2142
% Lights and Motorcycles	94.8%	94.9%	88.5%	100%	94.6%	100%	94.8%	96.9%	100%	95.6%	97.3%	100%	95.5%	100%	96.7%	86.2%	88.9%	97.4%	0%	91.5%	95.4%
Heavy	15	23	3	0	41	0	24	8	0	32	9	0	13	0	22	4	3	1	0	8	103
% Heavy	5.2%	5.1%	11.5%	0%	5.4%	0%	5.2%	3.1%	0%	4.4%	2.7%	0%	4.5%	0%	3.3%	13.8%	11.1%	2.6%	0%	8.5%	4.6%

*L: Left, R: Right, T: Thru, U: U-Turn

MARILYN RD & 141ST ST - TMC

Thu Jan 10, 2019

AM Peak (6:45AM - 7:45AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611115, Location: 39.994013, -85.952051, Site Code: i-222



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int
2019-01-10 6:45AM	6	12	0	0	18	0	20	9	0	29	20	1	17	0	38	2	2	3	0	7	92
7:00AM	12	18	1	0	31	0	25	7	0	32	22	0	20	0	42	2	1	3	0	6	111
7:15AM	13	24	0	1	38	0	29	15	0	44	17	1	23	0	41	4	4	4	0	12	135
7:30AM	11	27	1	0	39	0	13	9	0	22	13	2	8	0	23	2	2	2	0	6	90
Total	42	81	2	1	126	0	87	40	0	127	72	4	68	0	144	10	9	12	0	31	428
% Approach	33.3%	64.3%	1.6%	0.8%	-	0%	68.5%	31.5%	0%	-	50.0%	2.8%	47.2%	0%	-	32.3%	29.0%	38.7%	0%	-	-
% Total	9.8%	18.9%	0.5%	0.2%	29.4%	0%	20.3%	9.3%	0%	29.7%	16.8%	0.9%	15.9%	0%	33.6%	2.3%	2.1%	2.8%	0%	7.2%	-
PHF	0.808	0.750	0.500	0.250	0.808	-	0.750	0.667	-	0.722	0.818	0.500	0.739	-	0.857	0.625	0.563	0.750	-	0.646	0.793
Lights and Motorcycles	41	78	1	1	121	0	82	39	0	121	67	4	64	0	135	7	9	12	0	28	405
% Lights and Motorcycles	97.6%	96.3%	50.0%	100%	96.0%	0%	94.3%	97.5%	0%	95.3%	93.1%	100%	94.1%	0%	93.8%	70.0%	100%	100%	0%	90.3%	94.6%
Heavy	1	3	1	0	5	0	5	1	0	6	5	0	4	0	9	3	0	0	0	3	23
% Heavy	2.4%	3.7%	50.0%	0%	4.0%	0%	5.7%	2.5%	0%	4.7%	6.9%	0%	5.9%	0%	6.3%	30.0%	0%	0%	0%	9.7%	5.4%

*L: Left, R: Right, T: Thru, U: U-Turn

MARILYN RD & 141ST ST - TMC

Thu Jan 10, 2019

PM Peak (4:30PM - 5:30PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611115, Location: 39.994013, -85.952051, Site Code: i-222



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-10																						
4:30PM	11	17	1	0	29	1	22	13	0	36	16	2	11	1	30	1	0	4	0	5	100	
4:45PM	18	15	0	0	33	0	24	9	0	33	14	1	12	0	27	1	0	1	0	2	95	
5:00PM	9	19	1	0	29	1	29	10	0	40	20	2	10	1	33	2	1	0	0	3	105	
5:15PM	16	23	1	0	40	0	26	18	0	44	19	0	14	0	33	2	1	0	0	3	120	
Total	54	74	3	0	131	2	101	50	0	153	69	5	47	2	123	6	2	5	0	13	420	
% Approach	41.2%	56.5%	2.3%	0%	-	1.3%	66.0%	32.7%	0%	-	56.1%	4.1%	38.2%	1.6%	-	46.2%	15.4%	38.5%	0%	-	-	-
% Total	12.9%	17.6%	0.7%	0%	31.2%	0.5%	24.0%	11.9%	0%	36.4%	16.4%	1.2%	11.2%	0.5%	29.3%	1.4%	0.5%	1.2%	0%	3.1%	-	-
PHF	0.750	0.804	0.750	-	0.819	0.500	0.871	0.694	-	0.869	0.863	0.625	0.839	0.500	0.932	0.750	0.500	0.313	-	0.650	0.875	
Lights and Motorcycles	54	74	3	0	131	2	101	50	0	153	69	5	47	2	123	6	2	5	0	13	420	
% Lights and Motorcycles	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	100%	100%	100%	100%	100%	0%	100%	100%	100%
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

*L: Left, R: Right, T: Thru, U: U-Turn

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :
COUNTED BY :

City of Noblesville
(223) 141st Street & Brooks School Road
1/10/2019
Miovision

TOTAL VEHICLES (PASSENGER CARS + TRUCKS)												
	AM PEAK HOUR VOLUMES BEGINS 7:00 AM				OFF PEAK HOUR VOLUMES BEGINS				PM PEAK HOUR VOLUMES BEGINS 4:45 PM			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		172	4	176						223	38	261
SOUTHBOUND	11	170		181					34	256		290
WESTBOUND	8		1	9					51		32	83

PEAK HOUR FACTOR						
	AM PEAK HOUR FACTOR		OFF PEAK HOUR FACTOR		PM PEAK HOUR FACTOR	
	APPROACH	INTERSECTION	APPROACH	INTERSECTION	APPROACH	INTERSECTION
NORTHBOUND	0.96				0.91	
SOUTHBOUND	0.74	0.83			0.95	0.94
WESTBOUND	0.56				0.83	

TRUCK PERCENTAGE												
	AM PEAK HOUR PERCENTAGE				OFF PEAK HOUR PERCENTAGE				PM PEAK HOUR PERCENTAGE			
	L	T	R	TOTAL	L	T	R	TOTAL	L	T	R	TOTAL
NORTHBOUND		1.2%	25.0%	1.7%						1.8%	0.0%	1.5%
SOUTHBOUND	0.0%	4.1%		3.9%					0.0%	0.0%		0.0%
WESTBOUND	0.0%		0.0%	0.0%					0.0%		0.0%	0.0%

HOURLY SUMMARY									
HOUR			NB	SB	NB+SB	EB	WB	EB+WB	TOTAL
6:00 AM	TO	7:00 AM	68	67	135		2	2	137
7:00 AM	TO	8:00 AM	176	181	357		9	9	366
8:00 AM	TO	9:00 AM	79	87	166		5	5	171
3:00 PM	TO	4:00 PM	208	210	418		89	89	507
4:00 PM	TO	5:00 PM	210	245	455		73	73	528
5:00 PM	TO	6:00 PM	279	263	542		84	84	626
6:00 PM	TO	7:00 PM	203	221	424		87	87	511
TOTAL VOLUME			1223	1274	2497		349	349	2846
PERCENTAGE			43.0%	44.8%	87.7%		12.3%	12.3%	100.0%

A & F ENGINEERING CO., LLC
TRAFFIC VOLUME SUMMARY

CLIENT :
INTERSECTION :
DATE :

City of Noblesville
(223) 141st Street & Brooks School Road
1/10/2019

DIRECTION OF TRAVEL : NORTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM				65	1	66	2	0	2	67	1	68
7:00 AM - 8:00 AM				170	2	172	3	1	4	173	3	176
8:00 AM - 9:00 AM				71	3	74	5	0	5	76	3	79
PM TIME PERIOD												
3:00 PM - 4:00 PM				174	10	184	24	0	24	198	10	208
4:00 PM - 5:00 PM				192	3	195	14	1	15	206	4	210
5:00 PM - 6:00 PM				233	3	236	43	0	43	276	3	279
6:00 PM - 7:00 PM				174	0	174	29	0	29	203	0	203
PASSENGER				1079			120			1199		
				98.0%			98.4%			98.0%		
TRUCK				22			2			24		
				2.0%			1.6%			2.0%		
BOTH				1101			122			1223		
				90.0%			10.0%			100.0%		

DIRECTION OF TRAVEL : SOUTHBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	5	0	5	59	3	62				64	3	67
7:00 AM - 8:00 AM	11	0	11	163	7	170				174	7	181
8:00 AM - 9:00 AM	3	0	3	78	6	84				81	6	87
PM TIME PERIOD												
3:00 PM - 4:00 PM	26	0	26	178	6	184				204	6	210
4:00 PM - 5:00 PM	32	0	32	213	0	213				245	0	245
5:00 PM - 6:00 PM	23	0	23	240	0	240				263	0	263
6:00 PM - 7:00 PM	31	0	31	190	0	190				221	0	221
PASSENGER	131			1121						1252		
	100.0%			98.1%						98.3%		
TRUCK	0			22						22		
	0.0%			1.9%						1.7%		
BOTH	131			1143						1274		
	10.3%			89.7%						100.0%		

DIRECTION OF TRAVEL : WESTBOUND

HOUR	LEFT			THROUGH			RIGHT			TOTAL		
	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH	PASS	TRUCK	BOTH
AM TIME PERIOD												
6:00 AM - 7:00 AM	2	0	2				0	0	0	2	0	2
7:00 AM - 8:00 AM	8	0	8				1	0	1	9	0	9
8:00 AM - 9:00 AM	4	0	4				1	0	1	5	0	5
PM TIME PERIOD												
3:00 PM - 4:00 PM	54	1	55				33	1	34	87	2	89
4:00 PM - 5:00 PM	40	0	40				33	0	33	73	0	73
5:00 PM - 6:00 PM	54	0	54				30	0	30	84	0	84
6:00 PM - 7:00 PM	60	0	60				27	0	27	87	0	87
PASSENGER	222						125			347		
	99.6%						99.2%			99.4%		
TRUCK	1						1			2		
	0.4%						0.8%			0.6%		
BOTH	223						126			349		
	63.9%						36.1%			100.0%		

HARRELL PKWY & CABELA PKWY - TMC

Tue Jan 8, 2019

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 610447, Location: 39.992265, -85.935959, Site Code: i-224



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-08																					
3:00PM	2	16	6	0	24	2	16	1	0	19	1	9	4	0	14	5	12	8	0	25	82
3:15PM	3	11	7	0	21	6	14	6	0	26	4	5	6	0	15	1	9	4	0	14	76
3:30PM	2	16	8	0	26	2	13	2	0	17	2	8	0	0	10	5	17	12	0	34	87
3:45PM	5	13	3	0	21	3	13	3	0	19	4	9	4	0	17	5	4	9	0	18	75
Hourly Total	12	56	24	0	92	13	56	12	0	81	11	31	14	0	56	16	42	33	0	91	320
4:00PM	4	15	9	0	28	4	10	4	0	18	0	5	3	0	8	2	17	3	0	22	76
4:15PM	3	8	3	0	14	2	16	1	0	19	2	5	0	0	7	3	10	6	0	19	59
4:30PM	3	9	3	0	15	6	10	4	0	20	4	15	2	0	21	0	10	6	0	16	72
4:45PM	1	13	5	0	19	5	12	4	0	21	3	13	5	0	21	3	16	4	0	23	84
Hourly Total	11	45	20	0	76	17	48	13	0	78	9	38	10	0	57	8	53	19	0	80	291
5:00PM	5	8	6	0	19	8	6	4	0	18	1	9	5	0	15	6	18	9	0	33	85
5:15PM	2	7	9	0	18	7	9	5	0	21	2	8	3	0	13	3	13	3	0	19	71
5:30PM	3	12	4	0	19	5	5	6	0	16	2	8	2	0	12	3	13	6	0	22	69
5:45PM	3	9	3	0	15	6	3	4	0	13	2	12	4	0	18	4	10	7	0	21	67
Hourly Total	13	36	22	0	71	26	23	19	0	68	7	37	14	0	58	16	54	25	0	95	292
6:00PM	5	5	5	0	15	8	11	4	0	23	3	6	6	0	15	4	18	9	0	31	84
6:15PM	5	6	5	0	16	10	6	3	0	19	2	4	5	0	11	4	10	3	0	17	63
6:30PM	0	4	7	0	11	8	7	2	0	17	3	5	3	0	11	2	19	4	0	25	64
6:45PM	5	9	4	0	18	6	7	2	0	15	2	3	3	0	8	4	18	10	0	32	73
Hourly Total	15	24	21	0	60	32	31	11	0	74	10	18	17	0	45	14	65	26	0	105	284
2019-01-09																					
6:30AM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	2
6:45AM	0	0	0	0	0	1	3	1	0	5	0	0	5	0	5	1	1	2	0	4	14
Hourly Total	0	0	0	0	0	1	3	1	0	5	0	0	6	0	6	1	2	2	0	5	16
7:00AM	0	1	0	0	1	1	3	0	0	4	0	0	1	0	1	1	2	0	0	3	9
7:15AM	1	3	0	0	4	0	4	1	1	6	0	1	0	0	1	0	1	0	0	1	12
7:30AM	0	2	0	0	2	0	2	0	0	2	2	1	1	0	4	0	1	1	0	2	10
7:45AM	0	2	0	0	2	2	5	1	0	8	1	0	4	0	5	0	1	0	0	1	16
Hourly Total	1	8	0	0	9	3	14	2	1	20	3	2	6	0	11	1	5	1	0	7	47
8:00AM	0	4	0	0	4	2	2	1	0	5	0	3	1	0	4	0	0	0	0	0	13
8:15AM	0	1	0	0	1	2	2	3	0	7	1	3	3	0	7	0	0	2	0	2	17
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	5	0	0	5	4	4	4	0	12	1	6	4	0	11	0	0	2	0	2	30
Total	52	174	87	0	313	96	179	62	1	338	41	132	71	0	244	56	221	108	0	385	1280
% Approach	16.6%	55.6%	27.8%	0%	-	28.4%	53.0%	18.3%	0.3%	-	16.8%	54.1%	29.1%	0%	-	14.5%	57.4%	28.1%	0%	-	-
% Total	4.1%	13.6%	6.8%	0%	24.5%	7.5%	14.0%	4.8%	0.1%	26.4%	3.2%	10.3%	5.5%	0%	19.1%	4.4%	17.3%	8.4%	0%	30.1%	-
Lights and Motorcycles	51	174	86	0	311	95	178	59	1	333	39	131	71	0	241	55	221	107	0	383	1268
% Lights and Motorcycles	98.1%	100%	98.9%	0%	99.4%	99.0%	99.4%	95.2%	100%	98.5%	95.1%	99.2%	100%	0%	98.8%	98.2%	100%	99.1%	0%	99.5%	99.1%
Heavy	1	0	1	0	2	1	1	3	0	5	2	1	0	0	3	1	0	1	0	2	12
% Heavy	1.9%	0%	1.1%	0%	0.6%	1.0%	0.6%	4.8%	0%	1.5%	4.9%	0.8%	0%	0%	1.2%	1.8%	0%	0.9%	0%	0.5%	0.9%

*L: Left, R: Right, T: Thru, U: U-Turn

HARRELL PKWY & CABELA PKWY - TMC

Wed Jan 9, 2019

AM Peak (Jan 09 2019 7:30AM - 8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 610447, Location: 39.992265, -85.935959, Site Code: i-224



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-09																					
7:30AM	0	2	0	0	2	0	2	0	0	2	2	1	1	0	4	0	1	1	0	2	10
7:45AM	0	2	0	0	2	2	5	1	0	8	1	0	4	0	5	0	1	0	0	1	16
8:00AM	0	4	0	0	4	2	2	1	0	5	0	3	1	0	4	0	0	0	0	0	13
8:15AM	0	1	0	0	1	2	2	3	0	7	1	3	3	0	7	0	0	2	0	2	17
Total	0	9	0	0	9	6	11	5	0	22	4	7	9	0	20	0	2	3	0	5	56
% Approach	0%	100%	0%	0%	-	27.3%	50.0%	22.7%	0%	-	20.0%	35.0%	45.0%	0%	-	0%	40.0%	60.0%	0%	-	-
% Total	0%	16.1%	0%	0%	16.1%	10.7%	19.6%	8.9%	0%	39.3%	7.1%	12.5%	16.1%	0%	35.7%	0%	3.6%	5.4%	0%	8.9%	-
PHF	-	0.563	-	-	0.563	0.750	0.550	0.417	-	0.688	0.500	0.583	0.563	-	0.714	-	0.500	0.375	-	0.625	0.824
Lights and Motorcycles	0	9	0	0	9	5	11	3	0	19	2	7	9	0	18	0	2	2	0	4	50
% Lights and Motorcycles	0%	100%	0%	0%	100%	83.3%	100%	60.0%	0%	86.4%	50.0%	100%	100%	0%	90.0%	0%	100%	66.7%	0%	80.0%	89.3%
Heavy	0	0	0	0	0	1	0	2	0	3	2	0	0	0	2	0	0	1	0	1	6
% Heavy	0%	0%	0%	0%	0%	16.7%	0%	40.0%	0%	13.6%	50.0%	0%	0%	0%	10.0%	0%	0%	33.3%	0%	20.0%	10.7%

*L: Left, R: Right, T: Thru, U: U-Turn

HARRELL PKWY & CABELA PKWY - TMC

Tue Jan 8, 2019

PM Peak (Jan 08 2019 3PM - 4PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 610447, Location: 39.992265, -85.935959, Site Code: i-224



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-08																						
3:00PM	2	16	6	0	24	2	16	1	0	19	1	9	4	0	14	5	12	8	0	25	82	
3:15PM	3	11	7	0	21	6	14	6	0	26	4	5	6	0	15	1	9	4	0	14	76	
3:30PM	2	16	8	0	26	2	13	2	0	17	2	8	0	0	10	5	17	12	0	34	87	
3:45PM	5	13	3	0	21	3	13	3	0	19	4	9	4	0	17	5	4	9	0	18	75	
Total	12	56	24	0	92	13	56	12	0	81	11	31	14	0	56	16	42	33	0	91	320	
% Approach	13.0%	60.9%	26.1%	0%	-	16.0%	69.1%	14.8%	0%	-	19.6%	55.4%	25.0%	0%	-	17.6%	46.2%	36.3%	0%	-	-	
% Total	3.8%	17.5%	7.5%	0%	28.8%	4.1%	17.5%	3.8%	0%	25.3%	3.4%	9.7%	4.4%	0%	17.5%	5.0%	13.1%	10.3%	0%	28.4%	-	
PHF	0.600	0.875	0.750	-	0.885	0.542	0.875	0.500	-	0.779	0.688	0.861	0.583	-	0.824	0.800	0.618	0.688	-	0.669	0.920	
Lights and Motorcycles	11	56	24	0	91	13	56	12	0	81	11	31	14	0	56	16	42	33	0	91	319	
% Lights and Motorcycles	91.7%	100%	100%	0%	98.9%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	100%	100%	100%	0%	100%	99.7%	
Heavy	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
% Heavy	8.3%	0%	0%	0%	1.1%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0.3%	

*L: Left, R: Right, T: Thru, U: U-Turn

CAMPUS PKWY & I-69 WEST SIDE - TMC

Wed Apr 17, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 661509, Location: 39.991689, -85.925378, Site Code: i-225



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound			West Eastbound			East Westbound			Int
	L	R	App	T	R	App	L	T	App	
2019-04-17 6:30AM	22	104	126	100	150	250	141	87	228	604
6:45AM	37	113	150	120	158	278	160	106	266	694
Hourly Total	59	217	276	220	308	528	301	193	494	1298
7:00AM	24	94	118	115	210	325	161	87	248	691
7:15AM	38	128	166	159	217	376	191	116	307	849
7:30AM	37	127	164	157	186	343	177	117	294	801
7:45AM	38	112	150	152	147	299	145	143	288	737
Hourly Total	137	461	598	583	760	1343	674	463	1137	3078
8:00AM	27	99	126	142	143	285	161	146	307	718
8:15AM	43	94	137	143	160	303	161	115	276	716
Hourly Total	70	193	263	285	303	588	322	261	583	1434
3:00PM	31	76	107	184	88	272	84	145	229	608
3:15PM	28	76	104	183	92	275	92	177	269	648
3:30PM	30	86	116	180	104	284	98	203	301	701
3:45PM	22	115	137	186	71	257	88	205	293	687
Hourly Total	111	353	464	733	355	1088	362	730	1092	2644
4:00PM	34	85	119	223	78	301	74	237	311	731
4:15PM	40	110	150	209	58	267	71	223	294	711
4:30PM	36	116	152	225	101	326	89	243	332	810
4:45PM	37	119	156	197	75	272	93	310	403	831
Hourly Total	147	430	577	854	312	1166	327	1013	1340	3083
5:00PM	48	109	157	216	102	318	90	282	372	847
5:15PM	53	137	190	211	103	314	101	252	353	857
5:30PM	51	146	197	202	79	281	84	224	308	786
5:45PM	37	99	136	210	77	287	75	233	308	731
Hourly Total	189	491	680	839	361	1200	350	991	1341	3221
6:00PM	28	107	135	184	72	256	76	221	297	688
6:15PM	33	91	124	181	85	266	80	236	316	706
6:30PM	23	80	103	169	74	243	68	223	291	637
6:45PM	23	70	93	167	59	226	56	199	255	574
Hourly Total	107	348	455	701	290	991	280	879	1159	2605
Total	820	2493	3313	4215	2689	6904	2616	4530	7146	17363
% Approach	24.8%	75.2%	-	61.1%	38.9%	-	36.6%	63.4%	-	-
% Total	4.7%	14.4%	19.1%	24.3%	15.5%	39.8%	15.1%	26.1%	41.2%	-
Lights and Motorcycles	809	2440	3249	4086	2619	6705	2578	4424	7002	16956
% Lights and Motorcycles	98.7%	97.9%	98.1%	96.9%	97.4%	97.1%	98.5%	97.7%	98.0%	97.7%
Heavy	11	53	64	129	70	199	38	106	144	407
% Heavy	1.3%	2.1%	1.9%	3.1%	2.6%	2.9%	1.5%	2.3%	2.0%	2.3%

* L: Left, R: Right, T: Thru

CAMPUS PKWY & I-69 WEST SIDE - TMC

Wed Apr 17, 2019

AM Peak (7:15 AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 661509, Location: 39.991689, -85.925378, Site Code: i-225



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound			West Eastbound			East Westbound			Int
	L	R	App	T	R	App	L	T	App	
2019-04-17 7:15AM	38	128	166	159	217	376	191	116	307	849
7:30AM	37	127	164	157	186	343	177	117	294	801
7:45AM	38	112	150	152	147	299	145	143	288	737
8:00AM	27	99	126	142	143	285	161	146	307	718
Total	140	466	606	610	693	1303	674	522	1196	3105
% Approach	23.1%	76.9%	-	46.8%	53.2%	-	56.4%	43.6%	-	-
% Total	4.5%	15.0%	19.5%	19.6%	22.3%	42.0%	21.7%	16.8%	38.5%	-
PHF	0.921	0.910	0.913	0.959	0.798	0.866	0.882	0.894	0.974	0.914
Lights and Motorcycles	137	453	590	586	679	1265	666	498	1164	3019
% Lights and Motorcycles	97.9%	97.2%	97.4%	96.1%	98.0%	97.1%	98.8%	95.4%	97.3%	97.2%
Heavy	3	13	16	24	14	38	8	24	32	86
% Heavy	2.1%	2.8%	2.6%	3.9%	2.0%	2.9%	1.2%	4.6%	2.7%	2.8%

* L: Left, R: Right, T: Thru

CAMPUS PKWY & I-69 WEST SIDE - TMC

Wed Apr 17, 2019

PM Peak (4:30 PM - 5:30 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 661509, Location: 39.991689, -85.925378, Site Code: i-225



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound			West Eastbound			East Westbound			Int
	L	R	App	T	R	App	L	T	App	
2019-04-17 4:30PM	36	116	152	225	101	326	89	243	332	810
4:45PM	37	119	156	197	75	272	93	310	403	831
5:00PM	48	109	157	216	102	318	90	282	372	847
5:15PM	53	137	190	211	103	314	101	252	353	857
Total	174	481	655	849	381	1230	373	1087	1460	3345
% Approach	26.6%	73.4%	-	69.0%	31.0%	-	25.5%	74.5%	-	-
% Total	5.2%	14.4%	19.6%	25.4%	11.4%	36.8%	11.2%	32.5%	43.6%	-
PHF	0.821	0.878	0.862	0.943	0.925	0.943	0.923	0.877	0.906	0.976
Lights and Motorcycles	173	473	646	827	370	1197	369	1077	1446	3289
% Lights and Motorcycles	99.4%	98.3%	98.6%	97.4%	97.1%	97.3%	98.9%	99.1%	99.0%	98.3%
Heavy	1	8	9	22	11	33	4	10	14	56
% Heavy	0.6%	1.7%	1.4%	2.6%	2.9%	2.7%	1.1%	0.9%	1.0%	1.7%

* L: Left, R: Right, T: Thru

136TH & CABELA PKWY - TMC

Thu Jan 10, 2019

Full Length (6:30AM-8:30AM, 3PM-7PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611111, Location: 39.988418, -85.934306, Site Code: i-226



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-01-10 6:30AM	0	0	0	0	1	20	0	21	4	0	0	4	25
6:45AM	0	1	0	1	1	22	0	23	11	1	0	12	36
Hourly Total	0	1	0	1	2	42	0	44	15	1	0	16	61
7:00AM	1	1	0	2	2	54	0	56	10	0	0	10	68
7:15AM	0	1	0	1	3	47	0	50	8	0	0	8	59
7:30AM	0	0	0	0	3	39	0	42	2	0	0	2	44
7:45AM	0	3	0	3	0	25	0	25	6	1	0	7	35
Hourly Total	1	5	0	6	8	165	0	173	26	1	0	27	206
8:00AM	0	2	0	2	3	35	0	38	2	0	0	2	42
8:15AM	0	0	0	0	1	35	0	36	6	1	0	7	43
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	2	0	2	4	70	0	74	8	1	0	9	85
3:00PM	6	4	0	10	5	39	0	44	21	7	0	28	82
3:15PM	14	4	0	18	3	32	0	35	27	7	0	34	87
3:30PM	1	8	0	9	5	37	0	42	30	3	0	33	84
3:45PM	5	4	0	9	5	44	0	49	27	7	0	34	92
Hourly Total	26	20	0	46	18	152	0	170	105	24	0	129	345
4:00PM	3	7	1	11	4	38	0	42	27	6	0	33	86
4:15PM	6	3	0	9	5	46	0	51	35	2	0	37	97
4:30PM	5	6	0	11	5	44	0	49	33	2	0	35	95
4:45PM	3	10	0	13	6	50	0	56	45	4	0	49	118
Hourly Total	17	26	1	44	20	178	0	198	140	14	0	154	396
5:00PM	5	6	0	11	2	42	0	44	35	5	0	40	95
5:15PM	4	5	0	9	4	52	0	56	47	2	0	49	114
5:30PM	3	8	0	11	13	40	0	53	45	1	0	46	110
5:45PM	3	4	0	7	9	50	0	59	40	3	0	43	109
Hourly Total	15	23	0	38	28	184	0	212	167	11	0	178	428
6:00PM	2	2	0	4	7	41	0	48	38	4	0	42	94
6:15PM	6	9	0	15	5	39	0	44	41	3	0	44	103
6:30PM	2	11	0	13	7	40	0	47	25	2	0	27	87
6:45PM	0	5	0	5	4	38	0	42	35	3	0	38	85
Hourly Total	10	27	0	37	23	158	0	181	139	12	0	151	369
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	69	104	1	174	103	949	0	1052	600	64	0	664	1890
% Approach	39.7%	59.8%	0.6%	-	9.8%	90.2%	0%	-	90.4%	9.6%	0%	-	-
% Total	3.7%	5.5%	0.1%	9.2%	5.4%	50.2%	0%	55.7%	31.7%	3.4%	0%	35.1%	-
Lights and Motorcycles	69	103	1	173	102	948	0	1050	599	64	0	663	1886
% Lights and Motorcycles	100%	99.0%	100%	99.4%	99.0%	99.9%	0%	99.8%	99.8%	100%	0%	99.8%	99.8%
Heavy	0	1	0	1	1	1	0	2	1	0	0	1	4
% Heavy	0%	1.0%	0%	0.6%	1.0%	0.1%	0%	0.2%	0.2%	0%	0%	0.2%	0.2%

*L: Left, R: Right, T: Thru, U: U-Turn

136TH & CABELA PKWY - TMC

Thu Jan 10, 2019

AM Peak (6:45AM - 7:45AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611111, Location: 39.988418, -85.934306, Site Code: i-226



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-01-10 6:45AM	0	1	0	1	1	22	0	23	11	1	0	12	36
7:00AM	1	1	0	2	2	54	0	56	10	0	0	10	68
7:15AM	0	1	0	1	3	47	0	50	8	0	0	8	59
7:30AM	0	0	0	0	3	39	0	42	2	0	0	2	44
Total	1	3	0	4	9	162	0	171	31	1	0	32	207
% Approach	25.0%	75.0%	0%	-	5.3%	94.7%	0%	-	96.9%	3.1%	0%	-	-
% Total	0.5%	1.4%	0%	1.9%	4.3%	78.3%	0%	82.6%	15.0%	0.5%	0%	15.5%	-
PHF	0.250	0.750	-	0.500	0.750	0.750	-	0.763	0.705	0.250	-	0.667	0.761
Lights and Motorcycles	1	3	0	4	9	162	0	171	31	1	0	32	207
% Lights and Motorcycles	100%	100%	0%	100%	100%	100%	0%	100%	100%	100%	0%	100%	100%
Heavy	0	0	0	0	0	0	0	0	0	0	0	0	0
% Heavy	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%

* L: Left, R: Right, T: Thru, U: U-Turn

136TH & CABELA PKWY - TMC

Thu Jan 10, 2019

PM Peak (4:45PM - 5:45PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 611111, Location: 39.988418, -85.934306, Site Code: i-226



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	North Southbound				West Eastbound				East Westbound				Int
	L	R	U	App	L	T	U	App	T	R	U	App	
2019-01-10 4:45PM	3	10	0	13	6	50	0	56	45	4	0	49	118
5:00PM	5	6	0	11	2	42	0	44	35	5	0	40	95
5:15PM	4	5	0	9	4	52	0	56	47	2	0	49	114
5:30PM	3	8	0	11	13	40	0	53	45	1	0	46	110
Total	15	29	0	44	25	184	0	209	172	12	0	184	437
% Approach	34.1%	65.9%	0%	-	12.0%	88.0%	0%	-	93.5%	6.5%	0%	-	-
% Total	3.4%	6.6%	0%	10.1%	5.7%	42.1%	0%	47.8%	39.4%	2.7%	0%	42.1%	-
PHF	0.750	0.725	-	0.846	0.481	0.885	-	0.933	0.915	0.600	-	0.939	0.926
Lights and Motorcycles	15	28	0	43	25	184	0	209	172	12	0	184	436
% Lights and Motorcycles	100%	96.6%	0%	97.7%	100%	100%	0%	100%	100%	100%	0%	100%	99.8%
Heavy	0	1	0	1	0	0	0	0	0	0	0	0	1
% Heavy	0%	3.4%	0%	2.3%	0%	0%	0%	0%	0%	0%	0%	0%	0.2%

* L: Left, R: Right, T: Thru, U: U-Turn

136TH & BROOKS SCHOOL RD - TMC

Tue Jan 8, 2019

Full Length (3PM-7PM, 6:30AM-8:30AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 610437, Location: 39.986756, -85.942475, Site Code: i-227



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-01-08																					
3:00PM	26	51	15	0	92	1	39	10	0	50	18	24	76	0	118	21	5	2	0	28	288
3:15PM	32	43	29	0	104	1	41	13	0	55	7	23	38	0	68	15	14	0	0	29	256
3:30PM	28	34	23	0	85	2	53	11	0	66	11	16	34	0	61	23	9	0	0	32	244
3:45PM	33	40	18	1	92	0	44	9	0	53	11	22	34	0	67	11	18	7	0	36	248
Hourly Total	119	168	85	1	373	4	177	43	0	224	47	85	182	0	314	70	46	9	0	125	1036
4:00PM	32	36	16	0	84	0	51	15	0	66	5	15	35	0	55	20	17	2	0	39	244
4:15PM	29	43	21	0	93	0	39	13	0	52	5	16	21	0	42	18	11	0	0	29	216
4:30PM	45	45	27	0	117	2	42	13	0	57	4	22	24	0	50	16	9	2	0	27	251
4:45PM	30	49	31	0	110	0	48	13	0	61	13	17	35	0	65	12	23	1	0	36	272
Hourly Total	136	173	95	0	404	2	180	54	0	236	27	70	115	0	212	66	60	5	0	131	983
5:00PM	27	62	20	0	109	2	57	14	0	73	9	19	28	0	56	28	22	1	0	51	289
5:15PM	38	66	23	0	127	1	63	22	0	86	8	18	45	0	71	25	12	0	0	37	321
5:30PM	42	58	28	0	128	0	51	20	0	71	14	18	37	0	69	17	21	1	0	39	307
5:45PM	42	52	22	0	116	3	53	12	0	68	9	17	42	0	68	24	23	0	0	47	299
Hourly Total	149	238	93	0	480	6	224	68	0	298	40	72	152	0	264	94	78	2	0	174	1216
6:00PM	32	46	27	0	105	0	47	11	0	58	12	20	39	0	71	20	17	2	0	39	273
6:15PM	17	32	28	0	77	0	47	9	0	56	7	13	31	0	51	14	14	0	0	28	212
6:30PM	27	49	23	0	99	1	48	15	0	64	5	16	33	0	54	23	9	1	0	33	250
6:45PM	13	38	21	0	72	0	43	7	0	50	6	13	23	0	42	19	10	0	0	29	193
Hourly Total	89	165	99	0	353	1	185	42	0	228	30	62	126	0	218	76	50	3	0	129	928
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019-01-09																					
6:30AM	11	30	7	0	48	2	17	6	0	25	4	19	21	0	44	0	5	0	0	5	122
6:45AM	27	25	12	0	64	1	27	7	0	35	4	19	21	0	44	3	7	0	0	10	153
Hourly Total	38	55	19	0	112	3	44	13	0	60	8	38	42	0	88	3	12	0	0	15	275
7:00AM	52	43	23	0	118	2	41	10	0	53	5	29	32	0	66	6	9	0	0	15	252
7:15AM	55	52	17	0	124	3	25	8	0	36	6	41	38	0	85	2	10	0	0	12	257
7:30AM	34	45	17	0	96	1	32	9	0	42	9	23	40	0	72	6	4	0	0	10	220
7:45AM	29	36	10	0	75	0	44	6	0	50	8	11	28	0	47	5	4	0	0	9	181
Hourly Total	170	176	67	0	413	6	142	33	0	181	28	104	138	0	270	19	27	0	0	46	910
8:00AM	40	49	18	0	107	0	30	4	0	34	4	20	21	0	45	9	1	0	0	10	196
8:15AM	24	35	14	0	73	0	43	7	0	50	8	20	33	0	61	5	4	1	0	10	194
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	64	84	32	0	180	0	73	11	0	84	12	40	54	0	106	14	5	1	0	20	390
Total	765	1059	490	1	2315	22	1025	264	0	1311	192	471	809	0	1472	342	278	20	0	640	5738
% Approach	33.0%	45.7%	21.2%	0%	-	1.7%	78.2%	20.1%	0%	-	13.0%	32.0%	55.0%	0%	-	53.4%	43.4%	3.1%	0%	-	-
% Total	13.3%	18.5%	8.5%	0%	40.3%	0.4%	17.9%	4.6%	0%	22.8%	3.3%	8.2%	14.1%	0%	25.7%	6.0%	4.8%	0.3%	0%	11.2%	-
Lights and Motorcycles	745	1037	488	0	2270	22	1000	259	0	1281	179	466	781	0	1426	342	274	19	0	635	5612
% Lights and Motorcycles	97.4%	97.9%	99.6%	0%	98.1%	100%	97.6%	98.1%	0%	97.7%	93.2%	98.9%	96.5%	0%	96.9%	100%	98.6%	95.0%	0%	99.2%	97.8%
Heavy	20	22	2	1	45	0	25	5	0	30	13	5	28	0	46	0	4	1	0	5	126
% Heavy	2.6%	2.1%	0.4%	100%	1.9%	0%	2.4%	1.9%	0%	2.3%	6.8%	1.1%	3.5%	0%	3.1%	0%	1.4%	5.0%	0%	0.8%	2.2%

*L: Left, R: Right, T: Thru, U: U-Turn

136TH & BROOKS SCHOOL RD - TMC

Wed Jan 9, 2019

AM Peak (Jan 09 2019 7AM - 8AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 610437, Location: 39.986756, -85.942475, Site Code: i-227



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-09																						
7:00AM	52	43	23	0	118	2	41	10	0	53	5	29	32	0	66	6	9	0	0	15	252	
7:15AM	55	52	17	0	124	3	25	8	0	36	6	41	38	0	85	2	10	0	0	12	257	
7:30AM	34	45	17	0	96	1	32	9	0	42	9	23	40	0	72	6	4	0	0	10	220	
7:45AM	29	36	10	0	75	0	44	6	0	50	8	11	28	0	47	5	4	0	0	9	181	
Total	170	176	67	0	413	6	142	33	0	181	28	104	138	0	270	19	27	0	0	46	910	
% Approach	41.2%	42.6%	16.2%	0%	-	3.3%	78.5%	18.2%	0%	-	10.4%	38.5%	51.1%	0%	-	41.3%	58.7%	0%	0%	-	-	
% Total	18.7%	19.3%	7.4%	0%	45.4%	0.7%	15.6%	3.6%	0%	19.9%	3.1%	11.4%	15.2%	0%	29.7%	2.1%	3.0%	0%	0%	5.1%	-	
PHF	0.773	0.846	0.728	-	0.833	0.500	0.807	0.825	-	0.854	0.778	0.634	0.863	-	0.794	0.792	0.675	-	-	0.767	0.885	
Lights and Motorcycles	168	172	67	0	407	6	135	33	0	174	24	104	131	0	259	19	25	0	0	44	884	
% Lights and Motorcycles	98.8%	97.7%	100%	0%	98.5%	100%	95.1%	100%	0%	96.1%	85.7%	100%	94.9%	0%	95.9%	100%	92.6%	0%	0%	95.7%	97.1%	
Heavy	2	4	0	0	6	0	7	0	0	7	4	0	7	0	11	0	2	0	0	2	26	
% Heavy	1.2%	2.3%	0%	0%	1.5%	0%	4.9%	0%	0%	3.9%	14.3%	0%	5.1%	0%	4.1%	0%	7.4%	0%	0%	4.3%	2.9%	

*L: Left, R: Right, T: Thru, U: U-Turn

136TH & BROOKS SCHOOL RD - TMC

Tue Jan 8, 2019

PM Peak (Jan 08 2019 5PM - 6PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 610437, Location: 39.986756, -85.942475, Site Code: i-227



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound						
Time	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	Int	
2019-01-08																						
5:00PM	27	62	20	0	109	2	57	14	0	73	9	19	28	0	56	28	22	1	0	51	289	
5:15PM	38	66	23	0	127	1	63	22	0	86	8	18	45	0	71	25	12	0	0	37	321	
5:30PM	42	58	28	0	128	0	51	20	0	71	14	18	37	0	69	17	21	1	0	39	307	
5:45PM	42	52	22	0	116	3	53	12	0	68	9	17	42	0	68	24	23	0	0	47	299	
Total	149	238	93	0	480	6	224	68	0	298	40	72	152	0	264	94	78	2	0	174	1216	
% Approach	31.0%	49.6%	19.4%	0%	-	2.0%	75.2%	22.8%	0%	-	15.2%	27.3%	57.6%	0%	-	54.0%	44.8%	1.1%	0%	-	-	
% Total	12.3%	19.6%	7.6%	0%	39.5%	0.5%	18.4%	5.6%	0%	24.5%	3.3%	5.9%	12.5%	0%	21.7%	7.7%	6.4%	0.2%	0%	14.3%	-	
PHF	0.887	0.902	0.830	-	0.938	0.500	0.889	0.773	-	0.866	0.714	0.947	0.844	-	0.930	0.839	0.848	0.500	-	0.853	0.947	
Lights and Motorcycles	148	238	93	0	479	6	223	68	0	297	39	71	151	0	261	94	77	2	0	173	1210	
% Lights and Motorcycles	99.3%	100%	100%	0%	99.8%	100%	99.6%	100%	0%	99.7%	97.5%	98.6%	99.3%	0%	98.9%	100%	98.7%	100%	0%	99.4%	99.5%	
Heavy	1	0	0	0	1	0	1	0	0	1	1	1	1	0	3	0	1	0	0	1	6	
% Heavy	0.7%	0%	0%	0%	0.2%	0%	0.4%	0%	0%	0.3%	2.5%	1.4%	0.7%	0%	1.1%	0%	1.3%	0%	0%	0.6%	0.5%	

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & CYNTHIANNE RD - TMC

Wed Mar 6, 2019

Full Length (6:30 AM-8:30 AM, 3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636983, Location: 40.016761, -85.881318, Site Code: i-228



Provided by: A&F Engineering

8365 Keystone Crossing, Suite 201, Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-06 6:30AM	0	6	0	0	6	0	19	1	0	20	0	0	1	0	1	0	0	0	0	0	27
6:45AM	0	9	0	0	9	1	13	0	0	14	0	0	0	0	0	0	2	0	0	2	25
Hourly Total	0	15	0	0	15	1	32	1	0	34	0	0	1	0	1	0	2	0	0	2	52
7:00AM	0	12	0	0	12	0	10	1	0	11	0	0	1	0	1	0	0	1	0	1	25
7:15AM	1	8	0	0	9	0	10	1	0	11	0	0	1	0	1	0	1	0	0	1	22
7:30AM	0	15	1	0	16	0	5	1	0	6	0	0	0	0	0	0	1	0	0	1	23
7:45AM	0	20	1	0	21	0	4	0	0	4	0	0	0	0	0	1	0	0	0	1	26
Hourly Total	1	55	2	0	58	0	29	3	0	32	0	0	2	0	2	1	2	1	0	4	96
8:00AM	1	6	0	0	7	0	5	1	0	6	1	0	0	0	1	1	1	0	0	2	16
8:15AM	0	9	0	0	9	0	2	1	0	3	0	0	0	0	0	0	1	0	0	1	13
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	1	15	0	0	16	0	7	2	0	9	1	0	0	0	1	1	2	0	0	3	29
3:00PM	0	9	0	0	9	1	1	0	0	2	0	4	1	0	5	0	0	0	0	0	16
3:15PM	0	12	1	0	13	0	10	0	0	10	1	0	3	0	4	1	0	1	0	2	29
3:30PM	4	6	0	0	10	1	8	0	0	9	1	0	2	0	3	0	0	0	0	0	22
3:45PM	1	8	0	0	9	0	8	0	0	8	0	1	0	0	1	0	0	0	0	0	18
Hourly Total	5	35	1	0	41	2	27	0	0	29	2	5	6	0	13	1	0	1	0	2	85
4:00PM	0	15	0	0	15	0	6	2	0	8	2	3	1	0	6	0	0	0	0	0	29
4:15PM	2	10	2	0	14	0	6	0	0	6	2	0	4	0	6	0	0	0	0	0	26
4:30PM	0	13	0	0	13	0	9	0	0	9	0	2	2	0	4	0	2	0	0	2	28
4:45PM	1	11	0	0	12	0	15	0	0	15	1	2	2	0	5	0	0	0	0	0	32
Hourly Total	3	49	2	0	54	0	36	2	0	38	5	7	9	0	21	0	2	0	0	2	115
5:00PM	1	12	0	0	13	1	8	0	0	9	2	3	1	0	6	1	0	0	0	1	29
5:15PM	1	6	0	0	7	0	13	1	0	14	0	0	0	0	0	0	1	0	0	1	22
5:30PM	0	10	0	0	10	0	10	0	0	10	3	2	0	0	5	0	0	0	0	0	25
5:45PM	0	14	0	0	14	0	11	1	0	12	0	0	0	0	0	0	0	0	0	0	26
Hourly Total	2	42	0	0	44	1	42	2	0	45	5	5	1	0	11	1	1	0	0	2	102
6:00PM	1	7	0	0	8	0	6	1	0	7	1	3	0	0	4	1	2	0	0	3	22
6:15PM	2	11	0	0	13	1	7	0	0	8	0	1	2	0	3	0	0	0	0	0	24
6:30PM	1	8	0	0	9	0	5	1	0	6	0	0	0	0	0	0	0	0	0	0	15
6:45PM	0	5	0	0	5	0	5	0	0	5	0	0	1	0	1	0	0	0	0	0	11
Hourly Total	4	31	0	0	35	1	23	2	0	26	1	4	3	0	8	1	2	0	0	3	72
7:00PM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total	16	242	5	0	263	5	196	12	0	213	14	21	22	0	57	5	11	2	0	18	551
% Approach	6.1%	92.0%	1.9%	0%	-	2.3%	92.0%	5.6%	0%	-	24.6%	36.8%	38.6%	0%	-	27.8%	61.1%	11.1%	0%	-	-
% Total	2.9%	43.9%	0.9%	0%	47.7%	0.9%	35.6%	2.2%	0%	38.7%	2.5%	3.8%	4.0%	0%	10.3%	0.9%	2.0%	0.4%	0%	3.3%	-
Lights and Motorcycles	12	229	4	0	245	3	188	10	0	201	14	19	15	0	48	5	10	0	0	15	509
% Lights and Motorcycles	75.0%	94.6%	80.0%	0%	93.2%	60.0%	95.9%	83.3%	0%	94.4%	100%	90.5%	68.2%	0%	84.2%	100%	90.9%	0%	0%	83.3%	92.4%
Heavy	4	13	1	0	18	2	8	2	0	12	0	2	7	0	9	0	1	2	0	3	42
% Heavy	25.0%	5.4%	20.0%	0%	6.8%	40.0%	4.1%	16.7%	0%	5.6%	0%	9.5%	31.8%	0%	15.8%	0%	9.1%	100%	0%	16.7%	7.6%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & CYNTHEANNE RD - TMC

Wed Mar 6, 2019

AM Peak (6:30 AM - 7:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636983, Location: 40.016761, -85.881318, Site Code: i-228



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-03-06 6:30AM	0	6	0	0	6	0	19	1	0	20	0	0	1	0	1	0	0	0	0	0	0	27
6:45AM	0	9	0	0	9	1	13	0	0	14	0	0	0	0	0	0	2	0	0	0	2	25
7:00AM	0	12	0	0	12	0	10	1	0	11	0	0	1	0	1	0	0	0	1	0	1	25
7:15AM	1	8	0	0	9	0	10	1	0	11	0	0	1	0	1	0	1	0	0	0	1	22
Total	1	35	0	0	36	1	52	3	0	56	0	0	3	0	3	0	3	1	0	4	99	
% Approach	2.8%	97.2%	0%	0%	-	1.8%	92.9%	5.4%	0%	-	0%	0%	100%	0%	-	0%	75.0%	25.0%	0%	-	-	
% Total	1.0%	35.4%	0%	0%	36.4%	1.0%	52.5%	3.0%	0%	56.6%	0%	0%	3.0%	0%	3.0%	0%	3.0%	1.0%	0%	4.0%	-	
PHF	0.250	0.729	-	-	0.750	0.250	0.684	0.750	-	0.700	-	-	0.750	-	0.750	-	0.375	0.250	-	0.500	0.917	
Lights and Motorcycles	1	35	0	0	36	0	49	3	0	52	0	0	3	0	3	0	2	0	0	2	93	
% Lights and Motorcycles	100%	100%	0%	0%	100%	0%	94.2%	100%	0%	92.9%	0%	0%	100%	0%	100%	0%	66.7%	0%	0%	50.0%	93.9%	
Heavy	0	0	0	0	0	1	3	0	0	4	0	0	0	0	0	0	1	1	0	2	6	
% Heavy	0%	0%	0%	0%	0%	100%	5.8%	0%	0%	7.1%	0%	0%	0%	0%	0%	0%	33.3%	100%	0%	50.0%	6.1%	

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & CYNTHIANNE RD - TMC

Wed Mar 6, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 636983, Location: 40.016761, -85.881318, Site Code: i-228



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-03-06 4:00PM	0	15	0	0	15	0	6	2	0	8	2	3	1	0	6	0	0	0	0	0	29
4:15PM	2	10	2	0	14	0	6	0	0	6	2	0	4	0	6	0	0	0	0	0	26
4:30PM	0	13	0	0	13	0	9	0	0	9	0	2	2	0	4	0	2	0	0	2	28
4:45PM	1	11	0	0	12	0	15	0	0	15	1	2	2	0	5	0	0	0	0	0	32
Total	3	49	2	0	54	0	36	2	0	38	5	7	9	0	21	0	2	0	0	2	115
% Approach	5.6%	90.7%	3.7%	0%	-	0%	94.7%	5.3%	0%	-	23.8%	33.3%	42.9%	0%	-	0%	100%	0%	0%	-	-
% Total	2.6%	42.6%	1.7%	0%	47.0%	0%	31.3%	1.7%	0%	33.0%	4.3%	6.1%	7.8%	0%	18.3%	0%	1.7%	0%	0%	1.7%	-
PHF	0.375	0.817	0.250	-	0.900	-	0.600	0.250	-	0.633	0.625	0.583	0.563	-	0.875	-0.250	-	-	-0.250	0.898	
Lights and Motorcycles	3	44	2	0	49	0	35	0	0	35	5	6	6	0	17	0	2	0	0	2	103
% Lights and Motorcycles	100%	89.8%	100%	0%	90.7%	0%	97.2%	0%	0%	92.1%	100%	85.7%	66.7%	0%	81.0%	0%	100%	0%	0%	100%	89.6%
Heavy	0	5	0	0	5	0	1	2	0	3	0	1	3	0	4	0	0	0	0	0	12
% Heavy	0%	10.2%	0%	0%	9.3%	0%	2.8%	100%	0%	7.9%	0%	14.3%	33.3%	0%	19.0%	0%	0%	0%	0%	0%	10.4%

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & PRAIRIE BAPTIST RD - TMC

Tue Apr 23, 2019

Full Length (6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646702, Location: 40.016517, -85.900362, Site Code: i-229



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-23																						
6:30AM	0	2	0	0	2	0	9	4	0	13	0	1	0	0	1	0	6	0	0	6		22
6:45AM	0	0	0	0	0	0	16	5	0	21	0	1	0	0	1	1	1	0	0	2		24
Hourly Total	0	2	0	0	2	0	25	9	0	34	0	2	0	0	2	1	7	0	0	8		46
7:00AM	1	2	0	0	3	1	5	5	0	11	2	0	0	0	2	0	2	0	0	2		18
7:15AM	0	1	0	0	1	0	17	5	0	22	0	1	2	0	3	1	2	0	0	3		29
7:30AM	0	5	0	0	5	0	9	3	0	12	0	2	1	0	3	0	2	0	0	2		22
7:45AM	0	0	0	0	0	1	18	1	0	20	2	1	0	1	4	0	2	0	0	2		26
Hourly Total	1	8	0	0	9	2	49	14	0	65	4	4	3	1	12	1	8	0	0	9		95
8:00AM	0	0	0	0	0	0	15	2	0	17	0	2	0	1	3	2	1	0	0	3		23
8:15AM	1	4	0	0	5	0	5	1	0	6	0	1	2	0	3	0	3	0	0	3		17
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0
Hourly Total	1	4	0	0	5	0	20	3	0	23	0	3	2	1	6	2	4	0	0	6		40
Total	2	14	0	0	16	2	94	26	0	122	4	9	5	2	20	4	19	0	0	23		181
% Approach	12.5%	87.5%	0%	0%	-	1.6%	77.0%	21.3%	0%	-	20.0%	45.0%	25.0%	10.0%	-	17.4%	82.6%	0%	0%	-		-
% Total	1.1%	7.7%	0%	0%	8.8%	1.1%	51.9%	14.4%	0%	67.4%	2.2%	5.0%	2.8%	1.1%	11.0%	2.2%	10.5%	0%	0%	12.7%		-
Lights and Motorcycles	2	12	0	0	14	2	93	25	0	120	3	9	5	1	18	4	18	0	0	22		174
% Lights and Motorcycles	100%	85.7%	0%	0%	87.5%	100%	98.9%	96.2%	0%	98.4%	75.0%	100%	100%	50.0%	90.0%	100%	94.7%	0%	0%	95.7%		96.1%
Heavy	0	2	0	0	2	0	1	1	0	2	1	0	0	1	2	0	1	0	0	1		7
% Heavy	0%	14.3%	0%	0%	12.5%	0%	1.1%	3.8%	0%	1.6%	25.0%	0%	0%	50.0%	10.0%	0%	5.3%	0%	0%	4.3%		3.9%

* L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & PRAIRIE BAPTIST RD *PM - TMC

Thu Apr 18, 2019

Full Length (3 PM-7 PM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646729, Location: 40.016517, -85.900362, Site Code: i-229



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-18																						
3:00PM	0	12	0	0	12	0	2	0	0	2	0	1	1	0	2	0	0	0	0	0	0	16
3:15PM	2	9	0	0	11	0	0	2	0	2	4	3	1	0	8	1	2	0	0	3	3	24
3:30PM	0	9	1	0	10	0	4	3	0	7	3	4	1	0	8	0	4	1	0	5	5	30
3:45PM	1	6	0	0	7	0	5	1	0	6	0	2	1	0	3	0	2	0	0	2	2	18
Hourly Total	3	36	1	0	40	0	11	6	0	17	7	10	4	0	21	1	8	1	0	10	10	88
4:00PM	0	23	0	0	23	0	4	3	0	7	3	3	0	0	6	0	2	0	0	2	2	38
4:15PM	0	12	3	0	15	1	5	2	0	8	2	3	3	0	8	1	0	0	0	1	1	32
4:30PM	1	22	0	0	23	0	6	2	0	8	3	1	0	0	4	0	2	0	0	2	2	37
4:45PM	2	15	0	0	17	0	3	0	0	3	3	3	0	0	6	0	3	0	0	3	3	29
Hourly Total	3	72	3	0	78	1	18	7	0	26	11	10	3	0	24	1	7	0	0	8	8	136
5:00PM	0	18	0	0	18	0	7	1	0	8	3	3	0	0	6	0	0	0	0	0	0	32
5:15PM	0	6	1	0	7	0	4	2	0	6	5	1	1	0	7	0	1	0	0	1	1	21
5:30PM	0	10	0	0	10	0	2	2	0	4	1	0	0	0	1	0	5	0	0	5	5	20
5:45PM	0	6	0	0	6	0	3	1	0	4	3	4	1	0	8	0	1	1	0	2	2	20
Hourly Total	0	40	1	0	41	0	16	6	0	22	12	8	2	0	22	0	7	1	0	8	8	93
6:00PM	1	6	1	0	8	0	7	1	0	8	1	3	0	0	4	1	4	0	0	5	5	25
6:15PM	0	6	1	0	7	0	7	1	0	8	6	0	0	0	6	0	0	0	0	0	0	21
6:30PM	0	7	0	0	7	0	3	1	0	4	2	1	0	0	3	0	2	0	0	2	2	16
6:45PM	0	1	0	0	1	0	1	0	0	1	2	1	1	0	4	0	3	0	0	3	3	9
Hourly Total	1	20	2	0	23	0	18	3	0	21	11	5	1	0	17	1	9	0	0	10	10	71
Total	7	168	7	0	182	1	63	22	0	86	41	33	10	0	84	3	31	2	0	36	36	388
% Approach	3.8%	92.3%	3.8%	0%	-	1.2%	73.3%	25.6%	0%	-	48.8%	39.3%	11.9%	0%	-	8.3%	86.1%	5.6%	0%	-	-	-
% Total	1.8%	43.3%	1.8%	0%	46.9%	0.3%	16.2%	5.7%	0%	22.2%	10.6%	8.5%	2.6%	0%	21.6%	0.8%	8.0%	0.5%	0%	9.3%	9.3%	-
Lights and Motorcycles	7	165	7	0	179	1	61	22	0	84	38	31	10	0	79	3	28	2	0	33	33	375
% Lights and Motorcycles	100%	98.2%	100%	0%	98.4%	100%	96.8%	100%	0%	97.7%	92.7%	93.9%	100%	0%	94.0%	100%	90.3%	100%	0%	91.7%	91.7%	96.6%
Heavy	0	3	0	0	3	0	2	0	0	2	3	2	0	0	5	0	3	0	0	3	3	13
% Heavy	0%	1.8%	0%	0%	1.6%	0%	3.2%	0%	0%	2.3%	7.3%	6.1%	0%	0%	6.0%	0%	9.7%	0%	0%	8.3%	8.3%	3.4%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & PRAIRIE BAPTIST RD - TMC

Tue Apr 23, 2019

AM Peak (7:15 AM - 8:15 AM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646702, Location: 40.016517, -85.900362, Site Code: i-229



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	
2019-04-23 7:15AM	0	1	0	0	1	0	17	5	0	22	0	1	2	0	3	1	2	0	0	3	29
7:30AM	0	5	0	0	5	0	9	3	0	12	0	2	1	0	3	0	2	0	0	2	22
7:45AM	0	0	0	0	0	1	18	1	0	20	2	1	0	1	4	0	2	0	0	2	26
8:00AM	0	0	0	0	0	0	15	2	0	17	0	2	0	1	3	2	1	0	0	3	23
Total	0	6	0	0	6	1	59	11	0	71	2	6	3	2	13	3	7	0	0	10	100
% Approach	0%	100%	0%	0%	-	1.4%	83.1%	15.5%	0%	-	15.4%	46.2%	23.1%	15.4%	-	30.0%	70.0%	0%	0%	-	-
% Total	0%	6.0%	0%	0%	6.0%	1.0%	59.0%	11.0%	0%	71.0%	2.0%	6.0%	3.0%	2.0%	13.0%	3.0%	7.0%	0%	0%	10.0%	-
PHF	-0.300	-	-	-	0.300	0.250	0.819	0.550	-	0.807	0.250	0.750	0.375	0.500	0.813	0.375	0.875	-	-	0.833	0.862
Lights and Motorcycles	0	6	0	0	6	1	58	11	0	70	1	6	3	1	11	3	7	0	0	10	97
% Lights and Motorcycles	0%	100%	0%	0%	100%	100%	98.3%	100%	0%	98.6%	50.0%	100%	100%	50.0%	84.6%	100%	100%	0%	0%	100%	97.0%
Heavy	0	0	0	0	0	0	1	0	0	1	1	0	0	1	2	0	0	0	0	0	3
% Heavy	0%	0%	0%	0%	0%	0%	1.7%	0%	0%	1.4%	50.0%	0%	0%	50.0%	15.4%	0%	0%	0%	0%	0%	3.0%

*L: Left, R: Right, T: Thru, U: U-Turn

156TH ST & PRAIRIE BAPTIST RD *PM - TMC

Thu Apr 18, 2019

PM Peak (4 PM - 5 PM) - Overall Peak Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 646729, Location: 40.016517, -85.900362, Site Code: i-229



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound					North Southbound					West Eastbound					East Westbound					Int	
	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App	L	T	R	U	App		
2019-04-18																						
4:00PM	0	23	0	0	23	0	4	3	0	7	3	3	0	0	6	0	2	0	0	2		38
4:15PM	0	12	3	0	15	1	5	2	0	8	2	3	3	0	8	1	0	0	0	1		32
4:30PM	1	22	0	0	23	0	6	2	0	8	3	1	0	0	4	0	2	0	0	2		37
4:45PM	2	15	0	0	17	0	3	0	0	3	3	3	0	0	6	0	3	0	0	3		29
Total	3	72	3	0	78	1	18	7	0	26	11	10	3	0	24	1	7	0	0	8		136
% Approach	3.8%	92.3%	3.8%	0%	-	3.8%	69.2%	26.9%	0%	-	45.8%	41.7%	12.5%	0%	-	12.5%	87.5%	0%	0%	-		-
% Total	2.2%	52.9%	2.2%	0%	57.4%	0.7%	13.2%	5.1%	0%	19.1%	8.1%	7.4%	2.2%	0%	17.6%	0.7%	5.1%	0%	0%	5.9%		-
PHF	0.375	0.783	0.250	-	0.848	0.250	0.750	0.583	-	0.813	0.917	0.833	0.250	-	0.750	0.250	0.583	-	-	0.667		0.895
Lights and Motorcycles	3	69	3	0	75	1	16	7	0	24	9	10	3	0	22	1	5	0	0	6		127
% Lights and Motorcycles	100%	95.8%	100%	0%	96.2%	100%	88.9%	100%	0%	92.3%	81.8%	100%	100%	0%	91.7%	100%	71.4%	0%	0%	75.0%		93.4%
Heavy	0	3	0	0	3	0	2	0	0	2	2	0	0	0	2	0	2	0	0	2		9
% Heavy	0%	4.2%	0%	0%	3.8%	0%	11.1%	0%	0%	7.7%	18.2%	0%	0%	0%	8.3%	0%	28.6%	0%	0%	25.0%		6.6%

*L: Left, R: Right, T: Thru, U: U-Turn

151ST ST & GRAY RD - TMC

Wed May 22, 2019

Full Length (3 PM-7 PM, 6:30 AM-8:30 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 662189, Location: 40.007482, -86.089671, Site Code: i-233



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-05-22 3:00PM	17	59	1	77	36	8	0	44	21	22	0	43	164
3:15PM	13	66	0	79	147	40	0	187	28	25	0	53	319
3:30PM	15	72	0	87	90	35	0	125	23	24	0	47	259
3:45PM	14	50	0	64	74	25	0	99	22	23	0	45	208
Hourly Total	59	247	1	307	347	108	0	455	94	94	0	188	950
4:00PM	14	56	0	70	67	15	0	82	27	17	0	44	196
4:15PM	16	59	0	75	42	12	0	54	28	28	0	56	185
4:30PM	13	59	0	72	63	8	0	71	35	20	0	55	198
4:45PM	21	74	0	95	53	14	0	67	22	30	0	52	214
Hourly Total	64	248	0	312	225	49	0	274	112	95	0	207	793
5:00PM	24	71	0	95	44	17	0	61	32	36	0	68	224
5:15PM	23	67	0	90	37	14	0	51	45	30	0	75	216
5:30PM	15	65	0	80	38	8	0	46	43	36	0	79	205
5:45PM	12	55	0	67	55	13	0	68	28	27	0	55	190
Hourly Total	74	258	0	332	174	52	0	226	148	129	0	277	835
6:00PM	18	42	0	60	50	15	0	65	28	27	0	55	180
6:15PM	12	52	0	64	49	8	0	57	27	21	0	48	169
6:30PM	14	46	0	60	47	4	0	51	12	16	0	28	139
6:45PM	15	41	0	56	48	9	0	57	13	16	0	29	142
Hourly Total	59	181	0	240	194	36	0	230	80	80	0	160	630
2019-05-23 6:30AM	3	11	0	14	23	5	0	28	2	5	0	7	49
6:45AM	3	19	0	22	42	14	0	56	2	7	0	9	87
Hourly Total	6	30	0	36	65	19	0	84	4	12	0	16	136
7:00AM	6	31	0	37	35	6	0	41	9	9	0	18	96
7:15AM	9	72	0	81	55	32	0	87	12	12	0	24	192
7:30AM	11	108	0	119	99	35	0	134	17	14	0	31	284
7:45AM	7	129	0	136	112	40	0	152	25	15	0	40	328
Hourly Total	33	340	0	373	301	113	0	414	63	50	0	113	900
8:00AM	12	35	0	47	59	20	0	79	12	13	0	25	151
8:15AM	11	42	0	53	58	19	0	77	10	7	0	17	147
8:30AM	0	0	0	0	0	0	0	0	0	0	0	0	0
Hourly Total	23	77	0	100	117	39	0	156	22	20	0	42	298
Total	318	1381	1	1700	1423	416	0	1839	523	480	0	1003	4542
% Approach	18.7%	81.2%	0.1%	-	77.4%	22.6%	0%	-	52.1%	47.9%	0%	-	-
% Total	7.0%	30.4%	0%	37.4%	31.3%	9.2%	0%	40.5%	11.5%	10.6%	0%	22.1%	-
Lights and Motorcycles	312	1365	1	1678	1408	415	0	1823	521	474	0	995	4496
% Lights and Motorcycles	98.1%	98.8%	100%	98.7%	98.9%	99.8%	0%	99.1%	99.6%	98.8%	0%	99.2%	99.0%
Heavy	6	16	0	22	15	1	0	16	2	6	0	8	46
% Heavy	1.9%	1.2%	0%	1.3%	1.1%	0.2%	0%	0.9%	0.4%	1.3%	0%	0.8%	1.0%

*L: Left, R: Right, T: Thru, U: U-Turn

151ST ST & GRAY RD - TMC

Thu May 23, 2019

AM Peak (May 23 2019 7:15AM - 8:15 AM)

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 662189, Location: 40.007482, -86.089671, Site Code: i-233



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-05-23 7:15AM	9	72	0	81	55	32	0	87	12	12	0	24	192
7:30AM	11	108	0	119	99	35	0	134	17	14	0	31	284
7:45AM	7	129	0	136	112	40	0	152	25	15	0	40	328
8:00AM	12	35	0	47	59	20	0	79	12	13	0	25	151
Total	39	344	0	383	325	127	0	452	66	54	0	120	955
% Approach	10.2%	89.8%	0%	-	71.9%	28.1%	0%	-	55.0%	45.0%	0%	-	-
% Total	4.1%	36.0%	0%	40.1%	34.0%	13.3%	0%	47.3%	6.9%	5.7%	0%	12.6%	-
PHF	0.813	0.667	-	0.704	0.725	0.794	-	0.743	0.660	0.900	-	0.750	0.728
Lights and Motorcycles	38	339	0	377	323	127	0	450	65	51	0	116	943
% Lights and Motorcycles	97.4%	98.5%	0%	98.4%	99.4%	100%	0%	99.6%	98.5%	94.4%	0%	96.7%	98.7%
Heavy	1	5	0	6	2	0	0	2	1	3	0	4	12
% Heavy	2.6%	1.5%	0%	1.6%	0.6%	0%	0%	0.4%	1.5%	5.6%	0%	3.3%	1.3%

* L: Left, R: Right, T: Thru, U: U-Turn

151ST ST & GRAY RD - TMC

Wed May 22, 2019

PM Peak (May 22 2019 3:15PM - 4:15 PM) - Overall Peak

Hour

All Classes (Lights and Motorcycles, Heavy)

All Movements

ID: 662189, Location: 40.007482, -86.089671, Site Code: i-233



Provided by: A&F Engineering
8365 Keystone Crossing, Suite 201,
Indianapolis, IN, 46240, US

Leg Direction	South Northbound				North Southbound				West Eastbound				Int
	L	T	U	App	T	R	U	App	L	R	U	App	
2019-05-22 3:15PM	13	66	0	79	147	40	0	187	28	25	0	53	319
3:30PM	15	72	0	87	90	35	0	125	23	24	0	47	259
3:45PM	14	50	0	64	74	25	0	99	22	23	0	45	208
4:00PM	14	56	0	70	67	15	0	82	27	17	0	44	196
Total	56	244	0	300	378	115	0	493	100	89	0	189	982
% Approach	18.7%	81.3%	0%	-	76.7%	23.3%	0%	-	52.9%	47.1%	0%	-	-
% Total	5.7%	24.8%	0%	30.5%	38.5%	11.7%	0%	50.2%	10.2%	9.1%	0%	19.2%	-
PHF	0.933	0.847	-	0.862	0.643	0.719	-	0.659	0.893	0.890	-	0.892	0.770
Lights and Motorcycles	52	242	0	294	373	114	0	487	100	86	0	186	967
% Lights and Motorcycles	92.9%	99.2%	0%	98.0%	98.7%	99.1%	0%	98.8%	100%	96.6%	0%	98.4%	98.5%
Heavy	4	2	0	6	5	1	0	6	0	3	0	3	15
% Heavy	7.1%	0.8%	0%	2.0%	1.3%	0.9%	0%	1.2%	0%	3.4%	0%	1.6%	1.5%

* L: Left, R: Right, T: Thru, U: U-Turn