

Project: Traffic Signal Modernization - Flasher Intersections
Bid Opening: July 25, 2023

Item No.	Description	Quantity	Unit	Engineer's Estimate	Morphey Construction, Inc.	Engineer's Estimate	Morphey Construction, Inc.
				Unit Price	Unit Price	Extended Price	Extended Price
BASE BID							
1.0	CONSTRUCTION ENGINEERING	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
2.0	MOBILIZATION AND DEMOBILIZATION	1	LS	\$ 12,000.00	\$ 20,000.00	\$ 12,000.00	\$ 20,000.00
3.0	TREE 30 IN., REMOVE	1	EACH	\$ 2,200.00	\$ 5,000.00	\$ 2,200.00	\$ 5,000.00
4.0	CLEARING RIGHT OF WAY	1	LS	\$ 3,000.00	\$ 2,500.00	\$ 3,000.00	\$ 2,500.00
5.0	SIDEWALK CONCRETE, REMOVE (UNDISTRIBUTED)	90	SYS	\$ 30.00	\$ 100.00	\$ 2,700.00	\$ 9,000.00
6.0	SIGNAL MAST ARM AND POLE, REMOVE	2	EACH	\$ 1,500.00	\$ 1,000.00	\$ 3,000.00	\$ 2,000.00
7.0	SIGNAL POLE FOUNDATION, REMOVE	3	EACH	\$ 800.00	\$ 1,250.00	\$ 2,400.00	\$ 3,750.00
8.0	PEDESTAL BASE, REMOVE	2	EACH	\$ 850.00	\$ 750.00	\$ 1,700.00	\$ 1,500.00
9.0	SIGNAL POLE, REMOVE (STEEL STRAIN POLE)	1	EACH	\$ 1,200.00	\$ 1,000.00	\$ 1,200.00	\$ 1,000.00
10.0	TRANSPORTATION OF SALVAGEABLE ITEMS	1	LS	\$ 5,000.00	\$ 750.00	\$ 5,000.00	\$ 750.00
11.0	POLE, REMOVE (WOOD)	2	EACH	\$ 350.00	\$ 600.00	\$ 700.00	\$ 1,200.00
12.0	SIDEWALK, CONCRETE, CONSTRUCTION (UNDISTRIBUTED)	80	SYS	\$ 100.00	\$ 120.00	\$ 8,000.00	\$ 9,600.00
13.0	RAMP, CONCRETE, CONSTRUCTION (UNDISTRIBUTED)	10	SYS	\$ 250.00	\$ 410.00	\$ 2,500.00	\$ 4,100.00
14.0	DETECTABLE WARNING, CAST IRON WITH ASPHALTIC DIP	20	SFT	\$ 210.00	\$ 550.00	\$ 4,200.00	\$ 11,000.00
15.0	MAINTAINING TRAFFIC	1	LS	\$ 7,500.00	\$ 20,000.00	\$ 7,500.00	\$ 20,000.00
16.0	SIGN, SHEET, AND SUPPORTS, REMOVE	1	EACH	\$ 135.00	\$ 100.00	\$ 135.00	\$ 100.00
17.0	SIGN, DOUBLE-FACED, SHEET, WITH LEGEND, 0.100 IN. THICKNESS (MAST ARM POLE MOUNTED STREET NAMES SIGNS)	9.33	SFT	\$ 42.00	\$ 55.00	\$ 391.86	\$ 513.15
18.0	SIGN BRACKET FOR STREET NAME	6	EACH	\$ 60.00	\$ 1,800.00	\$ 360.00	\$ 10,800.00
19.0	MISCELLANEOUS EQUIPMENT FOR TRAFFIC SIGNALS	1	LS	\$ 1,200.00	\$ 5,000.00	\$ 1,200.00	\$ 5,000.00
20.0	SIGNAL CANTILEVER STRUCTURE, DRILLED SHAFT FOUNDATION, A FOUNDATION	6	EACH	\$ 5,500.00	\$ 7,500.00	\$ 33,000.00	\$ 45,000.00
21.0	HANDHOLE SIGNAL TYPE 1 (INCLUDES ELECTRICAL SERVICE HANDHOLES)	11	EACH	\$ 1,500.00	\$ 3,500.00	\$ 16,500.00	\$ 38,500.00
22.0	CONDUIT, STEEL, GALVANIZED, 2 IN., SIGNALS	325	LFT	\$ 45.00	\$ 42.00	\$ 14,625.00	\$ 13,650.00
23.0	CONDUIT, PVC, 2 IN, SCHEDULE 40 FOR SERVICE	450	LFT	\$ 34.00	\$ 32.00	\$ 15,300.00	\$ 14,400.00
24.0	CONDUIT, PVC, 2 IN, SCHEDULE 80 FOR SERVICE	155	LFT	\$ 40.00	\$ 36.00	\$ 6,200.00	\$ 5,580.00
25.0	SIGNAL CANTILEVER STRUCTURE, SINGLE ARM 25 FT	1	EACH	\$ 22,192.00	\$ 14,500.00	\$ 22,192.00	\$ 14,500.00
26.0	SIGNAL CANTILEVER STRUCTURE, SINGLE ARM 30 FT	3	EACH	\$ 24,586.00	\$ 15,000.00	\$ 73,758.00	\$ 45,000.00
27.0	SIGNAL CANTILEVER STRUCTURE, SINGLE ARM 30 FT, COMBINATION ARM, 8 FT LIGHTING ARM, 30 FT. MH	1	EACH	\$ 28,190.00	\$ 17,000.00	\$ 28,190.00	\$ 17,000.00
28.0	SIGNAL CANTILEVER STRUCTURE, SINGLE ARM 30 FT, COMBINATION ARM, 20 FT LIGHTING ARM, 30 FT. MH	1	EACH	\$ 29,490.00	\$ 19,500.00	\$ 29,490.00	\$ 19,500.00
29.0	CONTROLLER AND CABINET, FLASHER SOLID STATE (RELOCATED)	3	EACH	\$ 1,600.00	\$ 2,000.00	\$ 4,800.00	\$ 6,000.00
30.0	TRAFFIC SIGNAL HEAD, 12 IN., RED, 4-WAY INSTALLATION	6	EACH	\$ 6,000.00	\$ 2,500.00	\$ 36,000.00	\$ 15,000.00
31.0	CAMERA, REINSTALL	1	EACH	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00
32.0	SIGNAL SERVICE, (METER BASE ON SIGNAL POLE)	3	EACH	\$ 2,000.00	\$ 2,500.00	\$ 6,000.00	\$ 7,500.00
33.0	SIGNAL CABLE, SERVICE, COPPER, 3C/8 GA	845	LFT	\$ 6.00	\$ 8.00	\$ 5,070.00	\$ 6,760.00
34.0	SIGNAL CABLE, CONTROL, COPPER, 5C/14 GA	919	LFT	\$ 3.50	\$ 5.00	\$ 3,216.50	\$ 4,595.00
35.0	HANDHOLE LIGHTING	4	EACH	\$ 1,600.00	\$ 2,500.00	\$ 6,400.00	\$ 10,000.00
36.0	LIGHT STRUCTURE, REMOVE	2	EACH	\$ 650.00	\$ 1,000.00	\$ 1,300.00	\$ 2,000.00
37.0	LUMINAIRE, LED	2	EACH	\$ 1,800.00	\$ 2,500.00	\$ 3,600.00	\$ 5,000.00
38.0	CONDUIT, STEEL, GALVANIZED, 2 IN., LIGHTING	20	LFT	\$ 34.00	\$ 42.00	\$ 680.00	\$ 840.00
39.0	LIGHTING, SERVICE POINT, 1, (BREAKER BOX TO BE LOCATED ON SIGNAL POLE)	2	EACH	\$ 6,400.00	\$ 3,500.00	\$ 12,800.00	\$ 7,000.00
40.0	CABLE, POLE CIRCUIT, THWN, NO. 10 COPPER, STRANDED 1/C COPPER	550	LFT	\$ 1.20	\$ 2.00	\$ 660.00	\$ 1,100.00
41.0	SIGN, UNDERPASS AND ROADWAY LIGHTING LOCATION IDENTIFICATION	2	EACH	\$ 68.00	\$ 100.00	\$ 136.00	\$ 200.00
						\$ 385,104.36	\$ 392,938.15

Certified by:  8/2/2023
 Andrew J. Rodewald, P.E.