

# Noblesville Safety Action Plan

Open House #3  
January 15, 2025



# Agenda

- Safe Streets & Roads For All (SS4A)
- Planning Process
- Safety Action Plan Elements
- SS4A Implementation - Greenfield Avenue Improvements



# Why Are We Here?

## Safe Streets and Roads for All (SS4A)

- Established in The Bipartisan Infrastructure Law (BIL)
- \$5 billion in appropriated funds over 5 years, 2022-2026
- Funds regional, local, and Tribal initiatives through grants to prevent roadway deaths and serious injuries

## Planning & Implementation

- Funds creation of safety action plans, or projects identified in qualifying safety action plans for implementation.
- City received funds in 2023 for the development of a Safety Action Plan

## SS4A Priorities

- Promote Safety
- Low-cost, high-impact strategies over wide geographic area
- Equitable investment, both urban and rural
- Evidence-based
- Demonstration public/private engagement
- Align with USDOT Strategic Goals (e.g. climate change, equity/Justice40)



# Safety Action Plan Elements

1. The Vision
2. Context
3. Engagement
4. Analysis
5. Safety Toolkit
6. Action Plan



Shown below, the Vision is the foundation of this plan and outlines the long-term goals, ideals, and values.



The Analysis element details crash trends and identifies the high injury network and equity target areas.



The Background & Context element provides relevant information on key topics including Safe Streets and Roads for All.



The Safety Toolkit element provides a reference of proven safety countermeasures.



The Engagement element provides an overview of public and stakeholder engagement efforts.



The Action Plan element offers the strategies to achieve the goal of zero roadway fatalities and serious injuries.



# Vision Statement

The City of Noblesville is home to residential neighborhoods of various sizes and characters as well as a thriving historic downtown including local restaurants, shopping, and art galleries. To ensure that Noblesville remains a great place to live, work, and play, every person must be safe as they travel in the City.

Noblesville believes that traffic deaths are preventable and unacceptable and is committed to eliminating traffic deaths and serious injuries by 2040.

To make City streets safer for all, no matter age, ability, or community, Noblesville is dedicated to collaborating with all partners including residents, community stakeholders, local and regional governments, and state agencies. **Zero is an ambitious goal, but together we can save lives and make Noblesville's streets safer for all.**



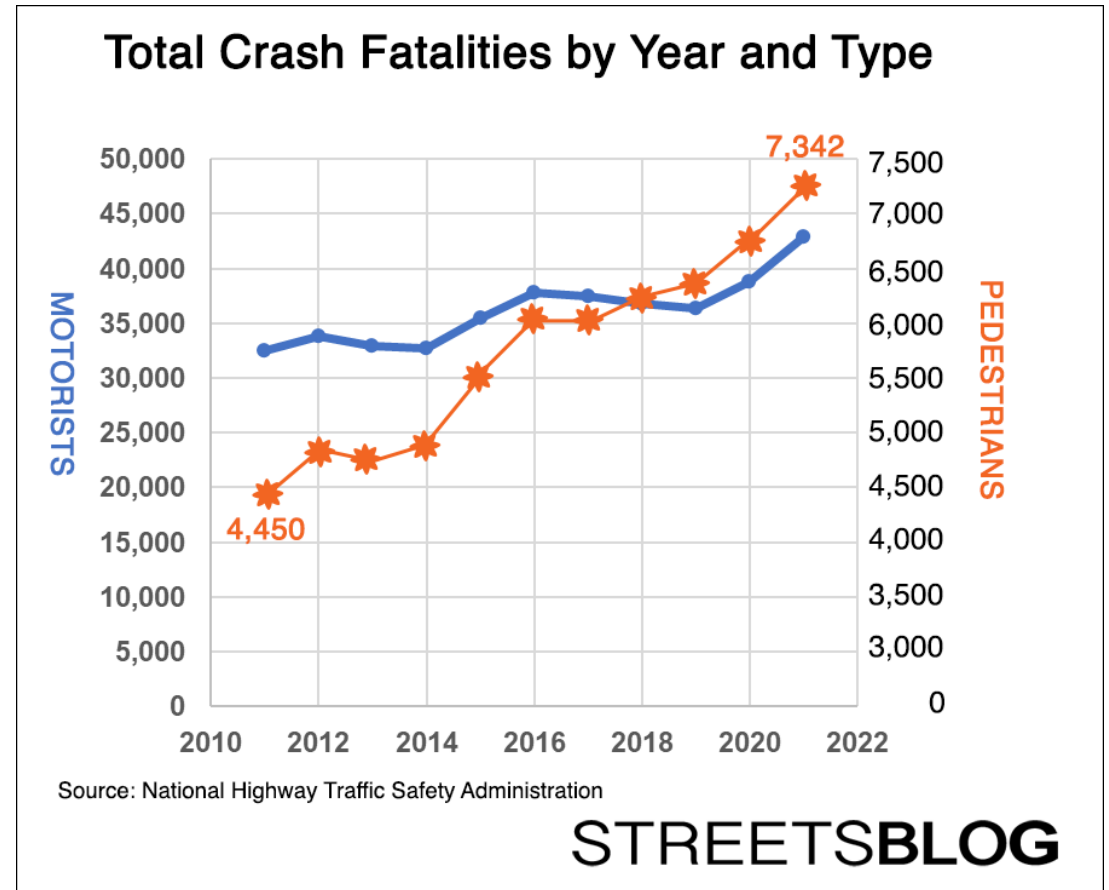
# Context

Traffic crashes are leading cause of preventable deaths in the U.S.

~41,000 deaths in 2023

Since 2020:

- Fatalities on urban roads up 16%
- Pedestrian fatalities up 13%



# Context

## A Safe System Approach

- Adopted as the guiding paradigm to address the roadway safety
- Commitment to Zero

## Justice40 Initiative

- Commitment to Equity



# Engagement

## Steering Committee

- Volunteer members responsible for:
  - Development
  - Implementation
  - Monitoring

Organization Representative	Name
Engineering Department	Andrew Rodewald
Street Department	Patty Johnson
Police Department	Eric Cunningham
Police Department	Marley Pagel
Fire/EMS Department	James Macky
Fire/EMS Department	Uriah Eddingfield
IT; Public Safety	Jeff Hendricks
Mayor's Office	Robert Herrington
Planning Department	Denise Aschleman
Engineering Department	Sacha Lingerfeldt





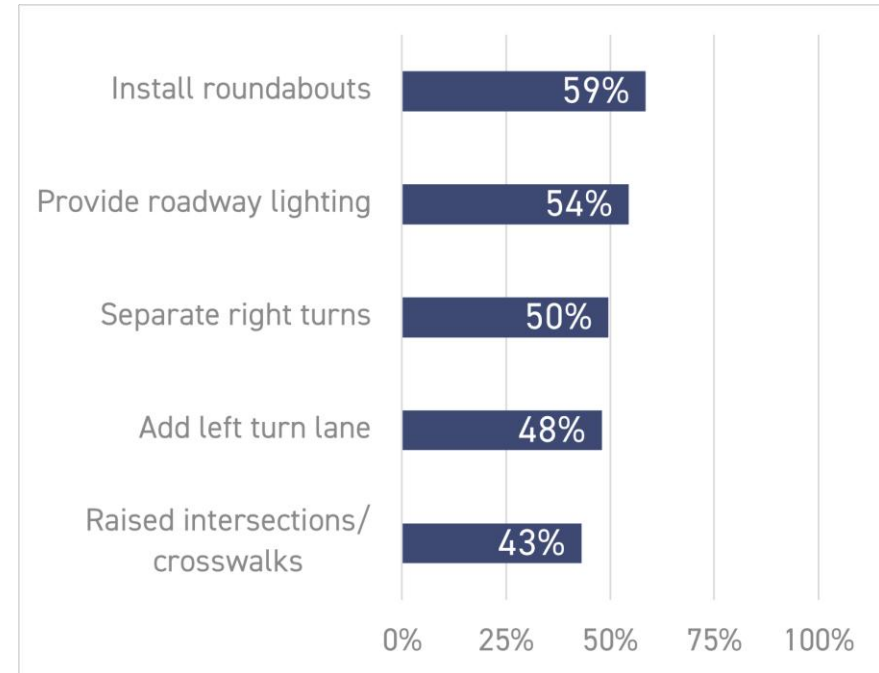
# Engagement

## Stakeholder Outreach

- Police/Fire/EMS
- Public Health
- Senior Living
- Janus Development Services

## Public Outreach

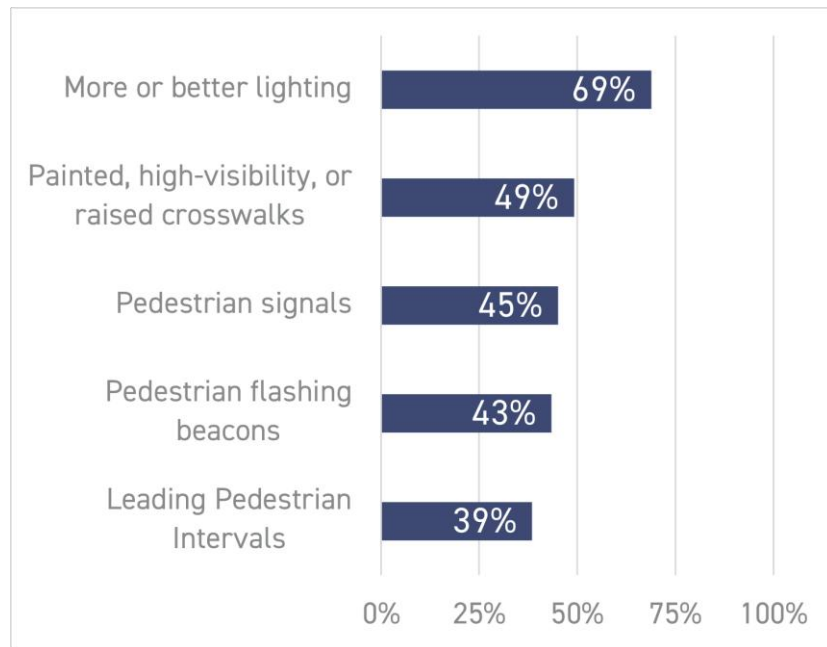
- Online Survey & Input Map
- Social Media Marketing
- Open Houses



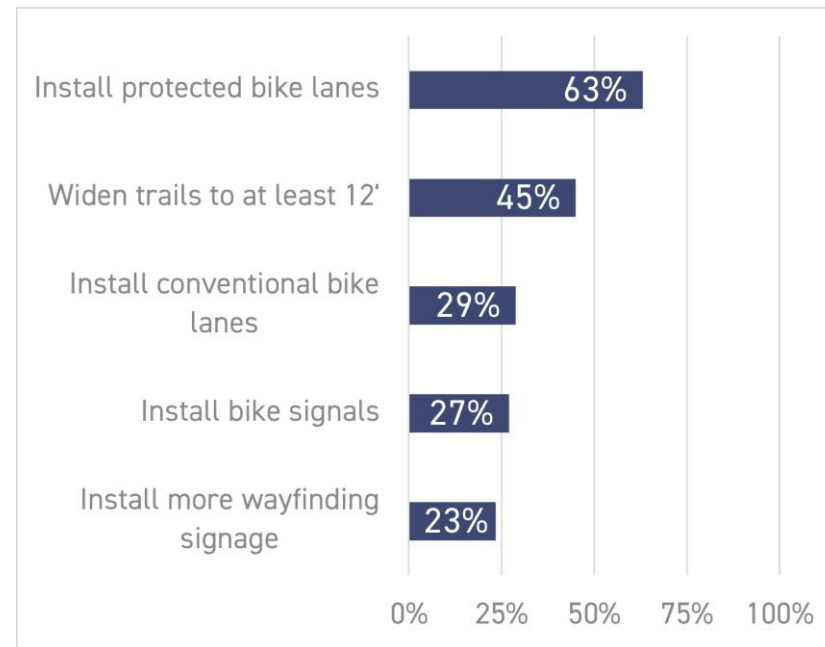
*Support for improvements (drivers)*



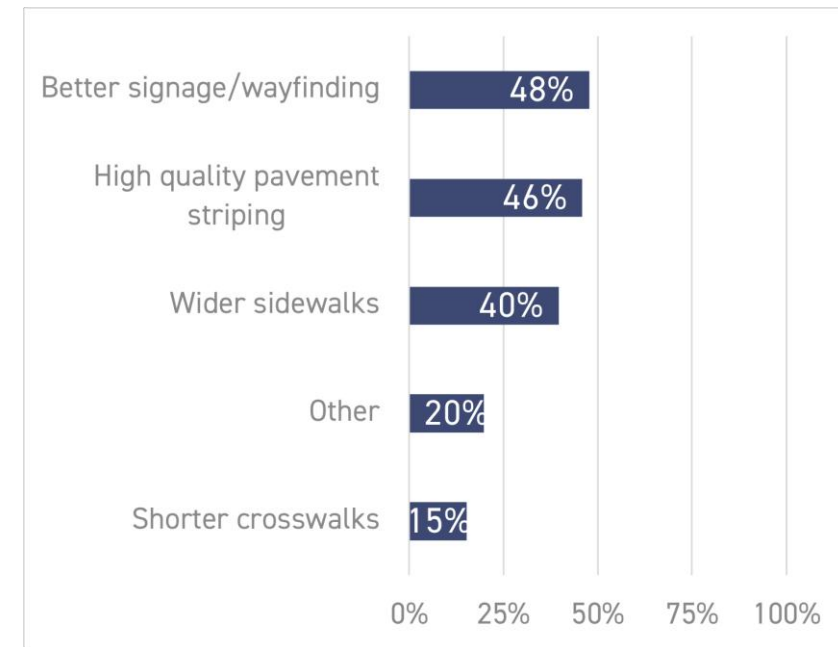
# Engagement



*(pedestrians)*



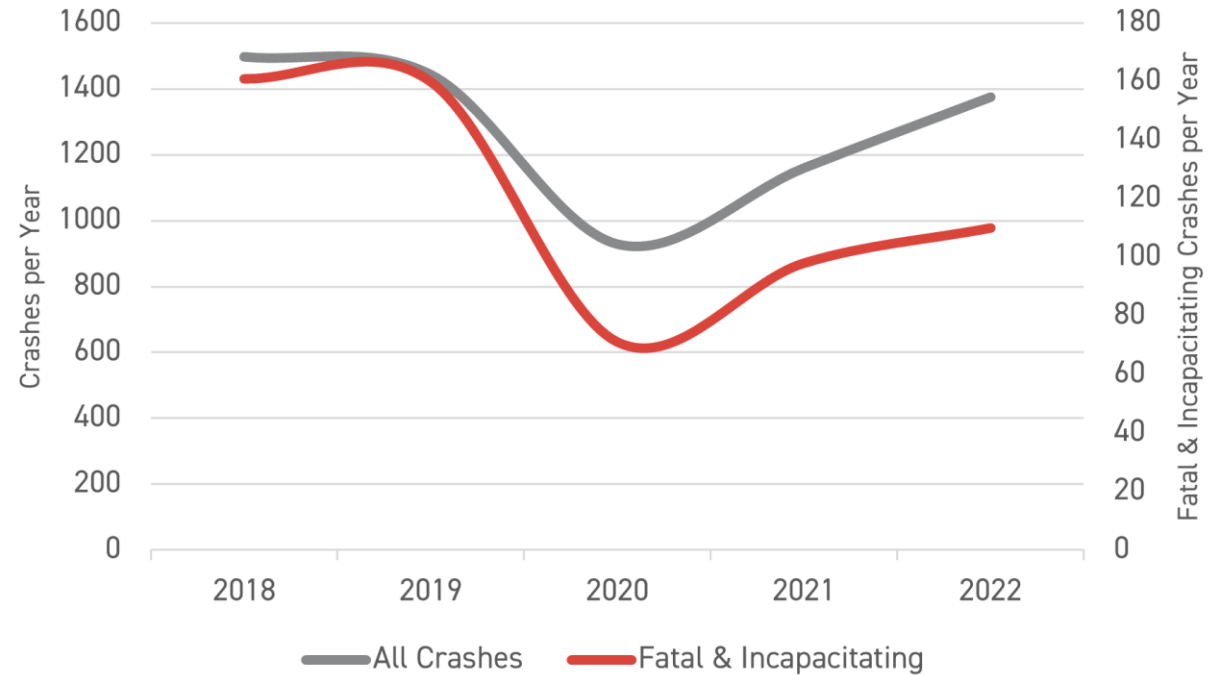
*(bicyclists)*



*(downtown)*



# Analysis – Local Trends

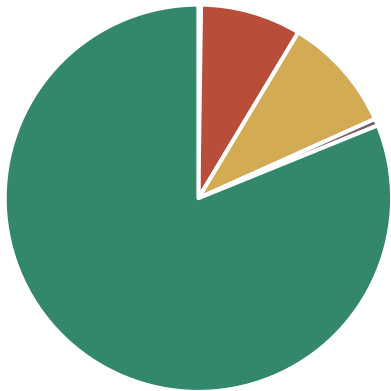


Year	Fatal	Incapacitating	Non-Incapacitating	Possible Injury	PDO	Total
2018	2	159	134	9	1,193	1,497
2019	2	158	128	3	1,152	1,443
2020	6	65	84	2	772	929
2021	6	92	100	7	955	1,160
2022	0	110	167	16	1,082	1,375



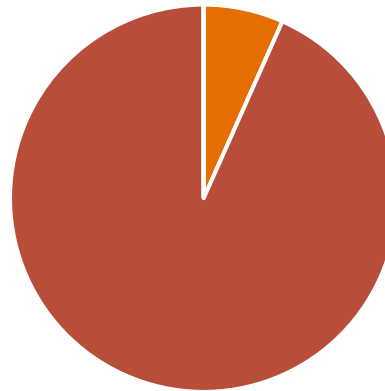
# Analysis – Local Trends

Vehicle



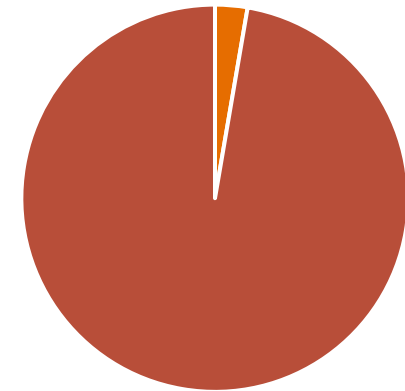
■ Fatal ■ Incapaciting ■ Non-Incapacitating ■ Possible ■ PDO

Pedalcyclist



■ Fatal ■ Incapaciting ■ Non-Incapacitating ■ Possible ■ PDO

Pedestrian



■ Fatal ■ Incapaciting ■ Non-Incapacitating ■ Possible ■ PDO

As vulnerable road users, pedestrians and bicyclists are *ten times* more likely to be killed or seriously injured in a collision with vehicle than a person in a vehicle-only crash.



# Analysis – High Injury Network

- 32 miles of roadway (5% of total roadway mileage)
- 97 intersections (3.5% of all intersections)
  - 65% of all crashes
  - 57% of incapacitating injury crashes
  - 64% of all people injured
  - 32% of fatal crashes

**5%** of streets

**65%** of all crashes

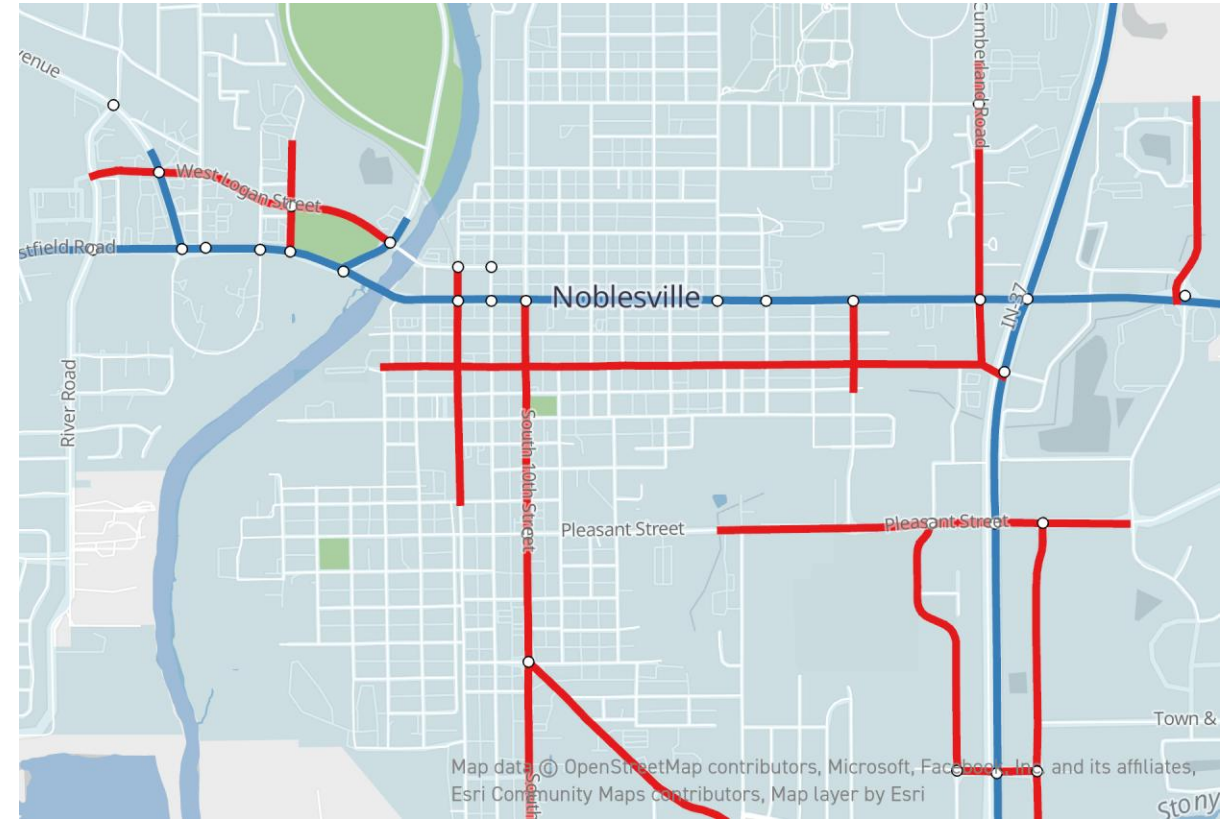
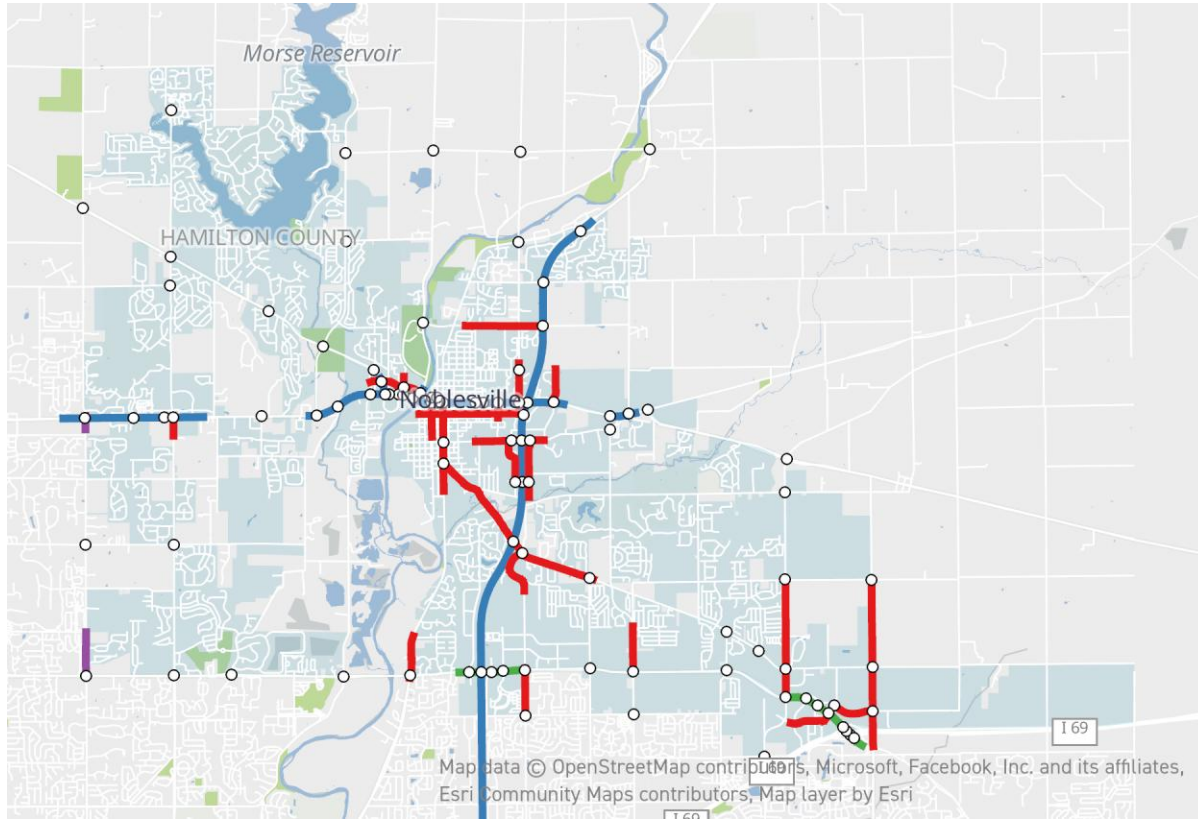
**64%** of all injuries

**57%** of serious injury crashes

**32%** of fatal injury crashes

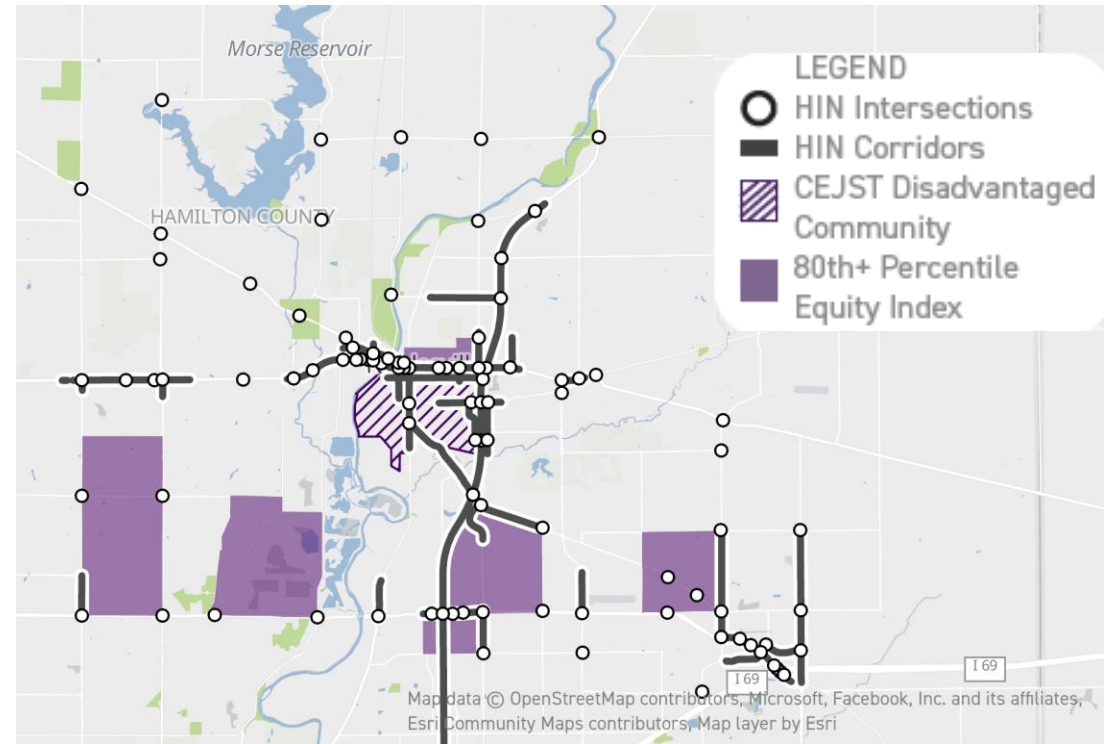


# Analysis – High Injury Network



# Analysis - Equity

- Climate & Economic Justice Screening Tool (CEJST)
  - One Census Tract in Noblesville
- Local Equity Index
  - Race
  - Poverty
  - Limited English Proficiency



# Action Plan – Programs & Policies

Strategy	Description	Timeframe
Complete Streets Policy	Develop and implement a Complete Streets policy.	0-3 years
Level of Service Alternatives	Evaluate alternatives to level of service (LOS) to evaluate transportation projects in Downtown Noblesville.	4-5 years
Pedestrian Crossing Standards	Develop and implement design standard for pedestrian crossing at roundabouts.	0-3 years
Corridor Access Management	Develop and implement corridor access management policies and design guidelines to minimize roadway conflict points.	5+ years
Traffic Calming Program	Create and establish a traffic calming program by which residents can formally request traffic calming treatments at specific locations.	0-3 years
Safe Routes to School Program	Establish a Safe Routes to School program.	4-5 years
Road Safety Campaign	Create targeted safety awareness educational campaigns.	0-3 years





# Action Plan – Prioritized Locations

Priority Tier	Location	Fatal/ Incapacitating Crashes	Equity Target Area	CEJST
1	Downtown Noblesville	56	Yes	Yes
	Olio Road	16	No	No
	Greenfield Road	22	Yes	Yes
	10th Street	25	Yes	Yes
	146th Street	52	Yes	No
	Suburban Intersections	125	Yes	No
	SR 37	82	Yes	Yes
	SR 32/Conner Street	66	Yes	Yes



# Greenfield Avenue Improvements

## Safe Streets and Roads for All (SS4A)

- Action Plan Completed
- Now applying for “Implementation” funds – Construction Dollars
- Gather public input on potential project



# Greenfield Avenue Improvements

- Recommended Project from Safety Action Plan
- High Injury Network
- Pedestrian Connectivity



# Greenfield Avenue – Project Limits



# Greenfield Avenue Improvements

## Project Goals

- Improve safety at 16th/Greenfield
- Increase pedestrian safety and mobility for neighborhoods and Stony Creek Elementary
- Improve regional drainage



# Greenfield Avenue Improvements

- Intersection improvements at 16th/Greenfield
- Trail connection from 10th to 16th (Stony Creek Trail extension)
- Safe pedestrian crossing location(s)
- Curbs and improved drainage
- Study curves for improved sight lines



# Thank You

Feel free to reach out with any questions.

Andrew Rodewald, P.E. ([arodewald@noblesville.in.gov](mailto:arodewald@noblesville.in.gov))

