

SAFE STREETS FOR ALL. EVERY MILE. EVERY ROAD.

Open House

February 25, 2025

Macomb County Comprehensive
Transportation Safety Action Plan (CTSAP)

Kimley»Horn





Agenda

1. Welcome and Introductions
2. Project Overview and Schedule
3. Summary of Engagement
4. Review and Discussion of Draft Strategies,
Countermeasures, and Policies
5. Next Steps



Introductions: Project Team

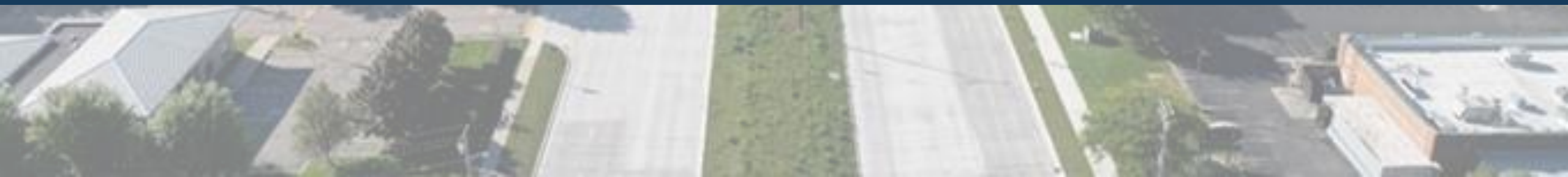


Kimley»»Horn





Project Overview and Schedule



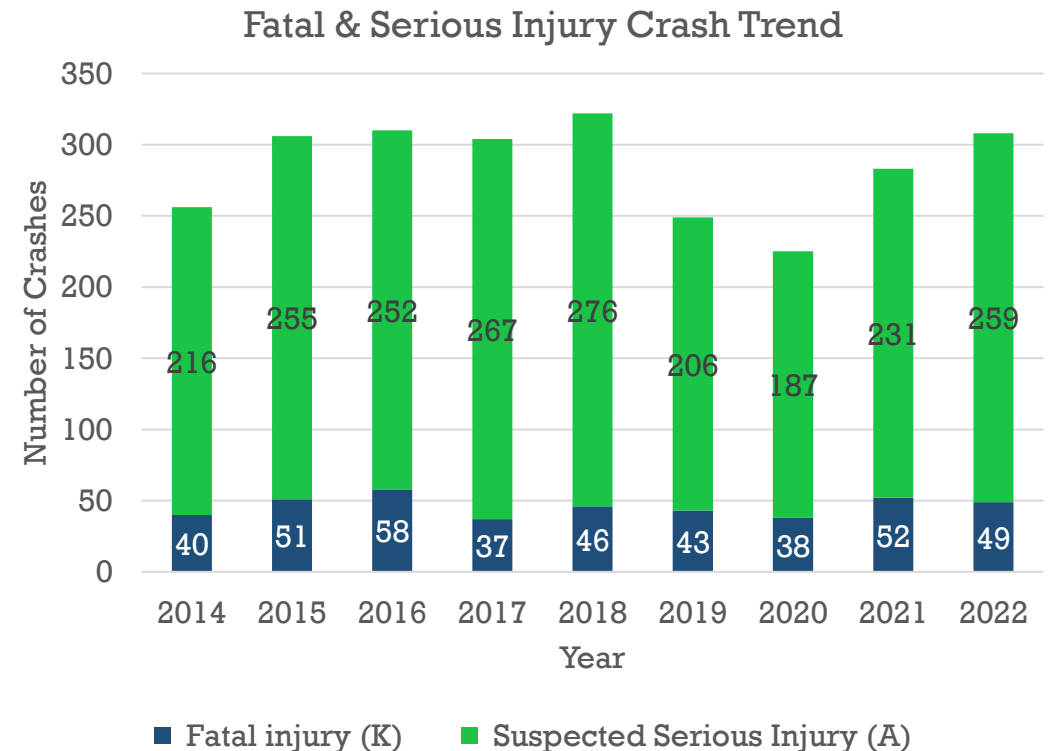


Transportation Safety Needs

- County-wide action plan to combat safety challenges across all areas (urban, suburban, and rural)
- Reduction of serious injuries and deaths from traffic crashes
- Incorporate use of cutting-edge technology innovations
- Automate safety data collection and analysis

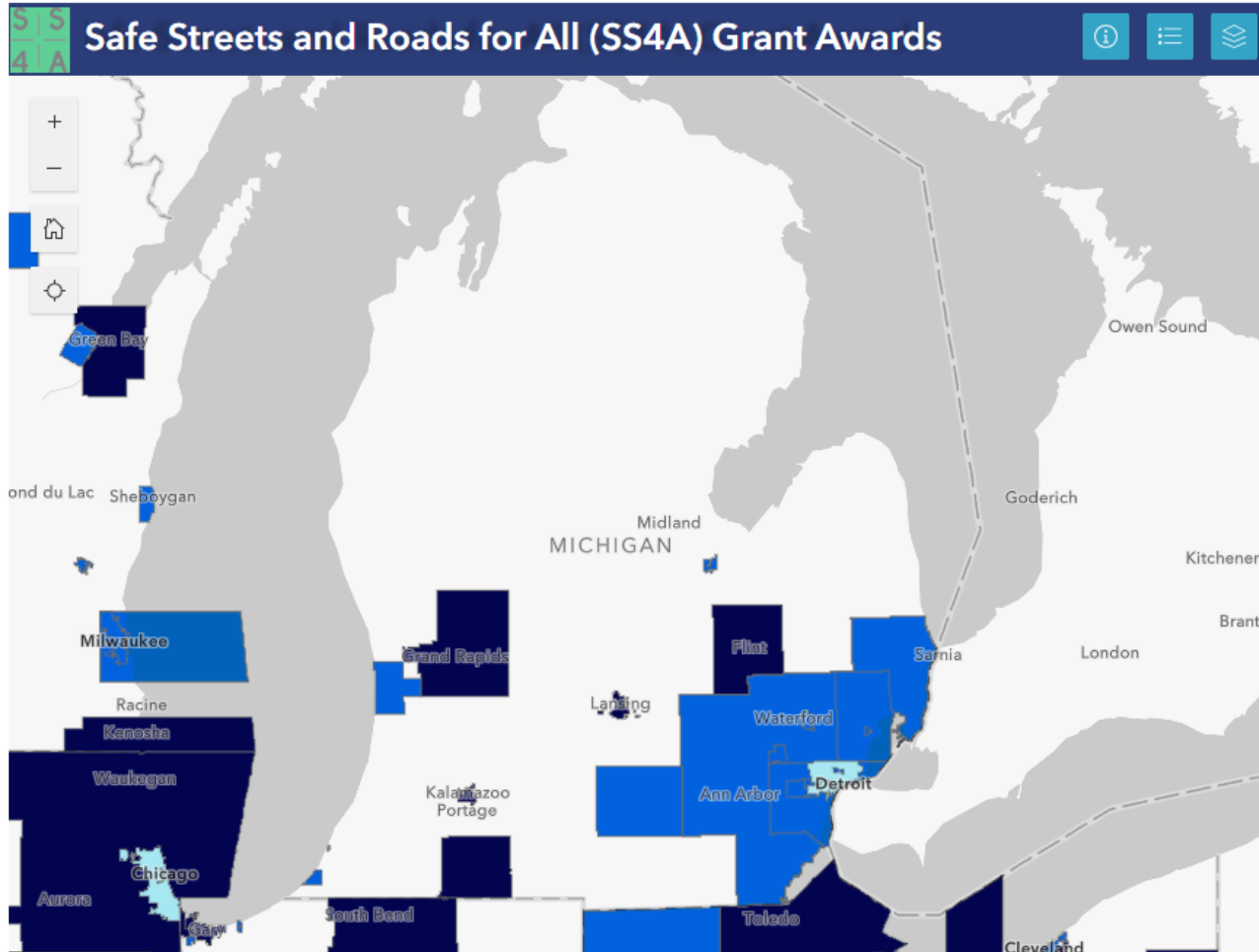
Crash Totals by Severity (2014 – 2022)*	
Fatal injury (K)	414
Suspected Serious Injury (A)	2,149
Suspected Minor Injury (B)	10,727
Possible injury (C)	27,710
No injury (O)	151,155
Total	192,155

*does not include crashes on Interstate Highways (I-94 or I-696)



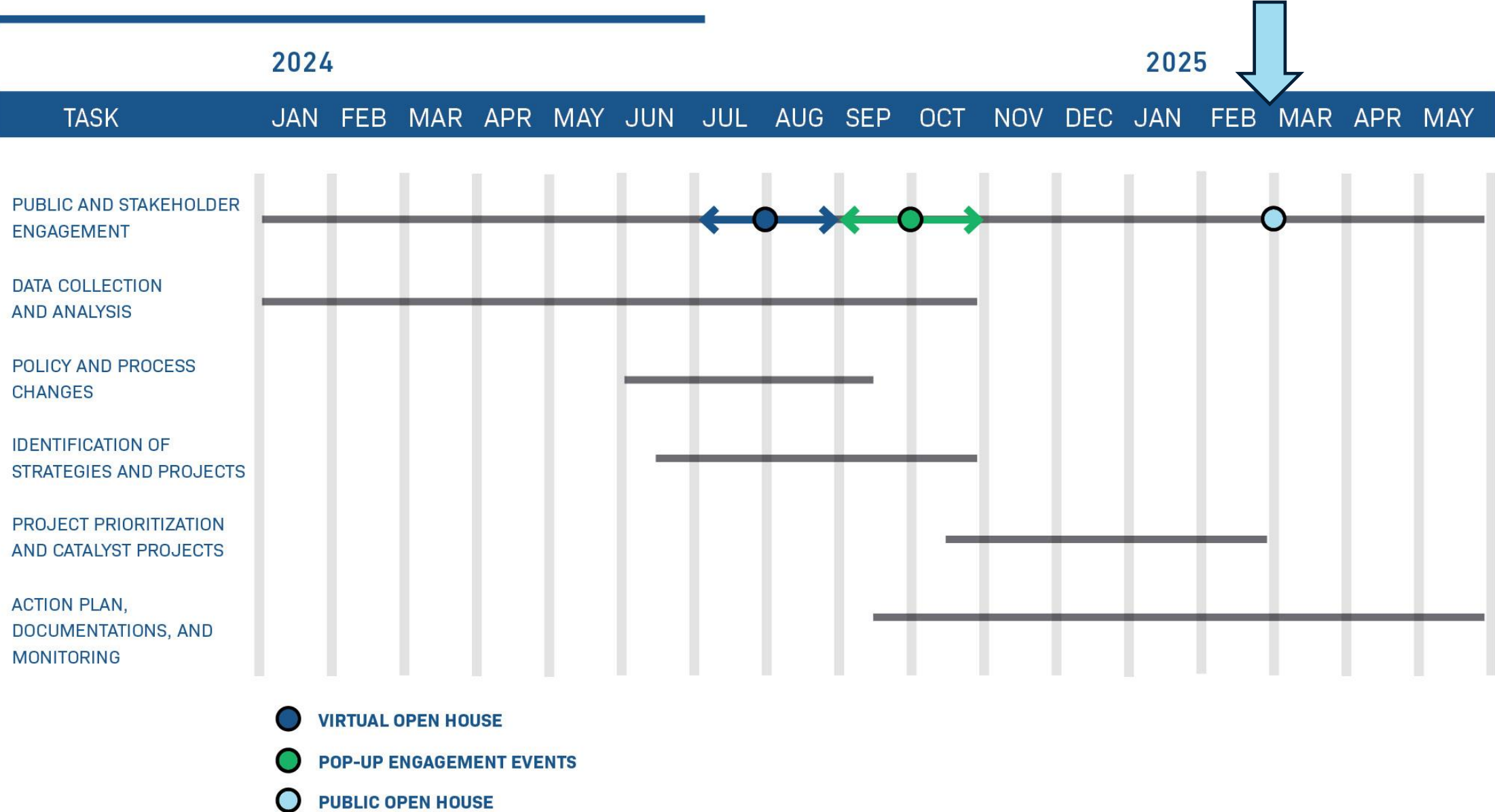


Grant Overview and Plan Goals



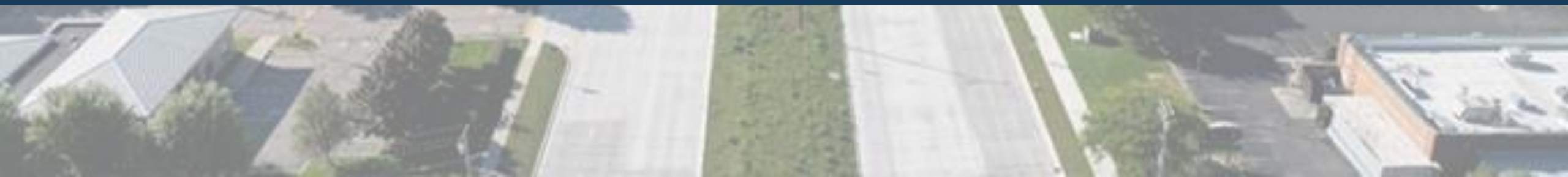
- Macomb County Department of Roads (MCDR) obtained a U.S. Department of Transportation Safe Streets and Roads for All (SS4A) planning grant in 2023
- This grant program aims to develop a Comprehensive Safety Action Plan to:
 - Improve safety for all users
 - Eliminate roadway fatalities and serious injuries from crashes
 - Explore technology solutions
 - Identify program of projects and strategies to improve transportation safety

PROJECT SCHEDULE





Summary of Engagement





Engagement Overview

- Engaged with a wide array of groups and organizations throughout the duration of the planning process:
 - Macomb County Working Group
 - Technical Advisory Committee (TAC)
 - Safety Task Force Focus Groups
 - General Public





Public Engagement Summary

Project Website

- The SS4A grant program
- Existing conditions and crash data
- Survey and mapping tool

Pop-up Engagement Events

- Peach Fest
- Big Rig Day

Public Survey

- 1,459 surveys completed



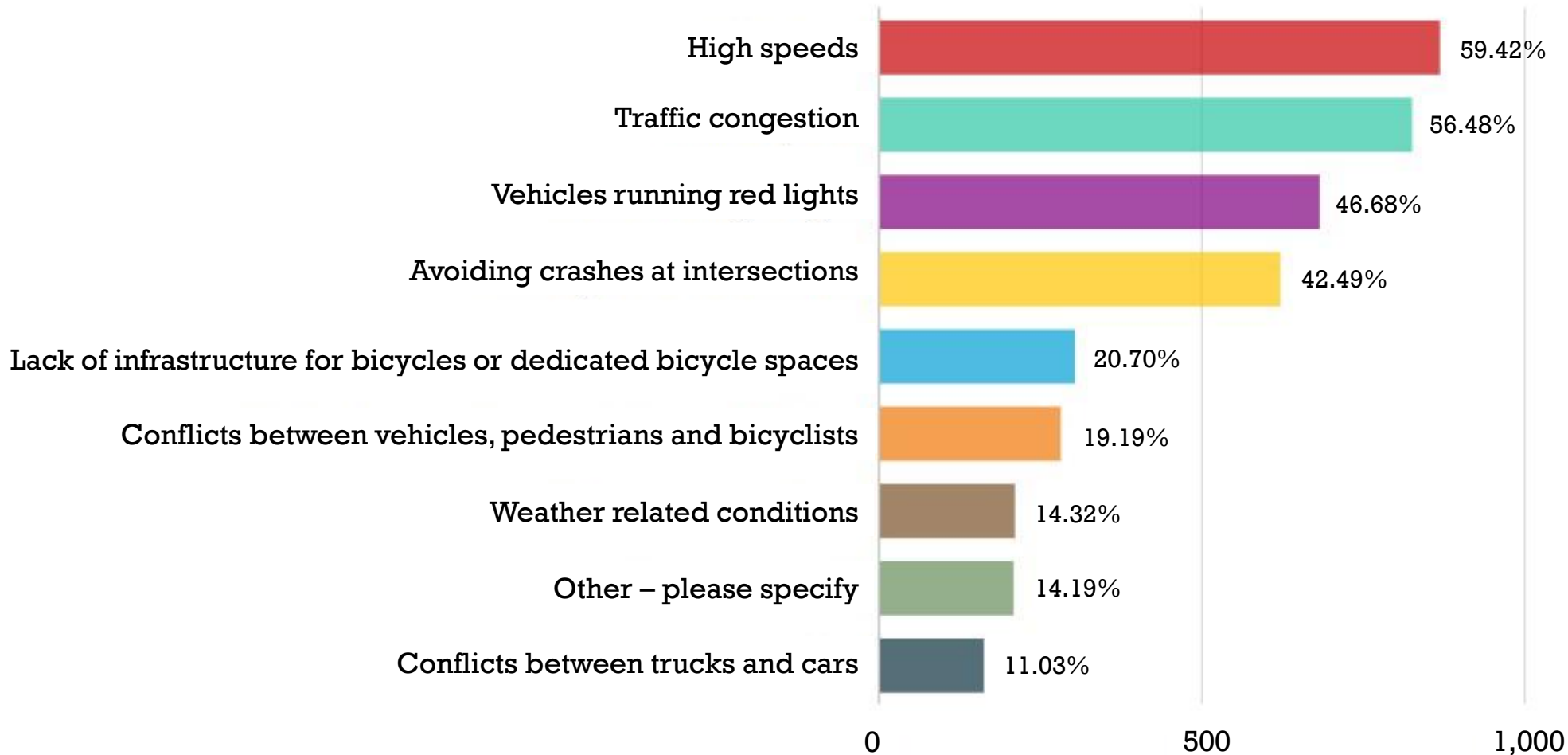
[Macomb County - Safe Streets for All \(hub.macombsafestreet.com\)](https://hub.macombsafestreet.com)





Public Survey Response – Most Important Safety Issues

In your daily travel, what safety issues are most important to you?

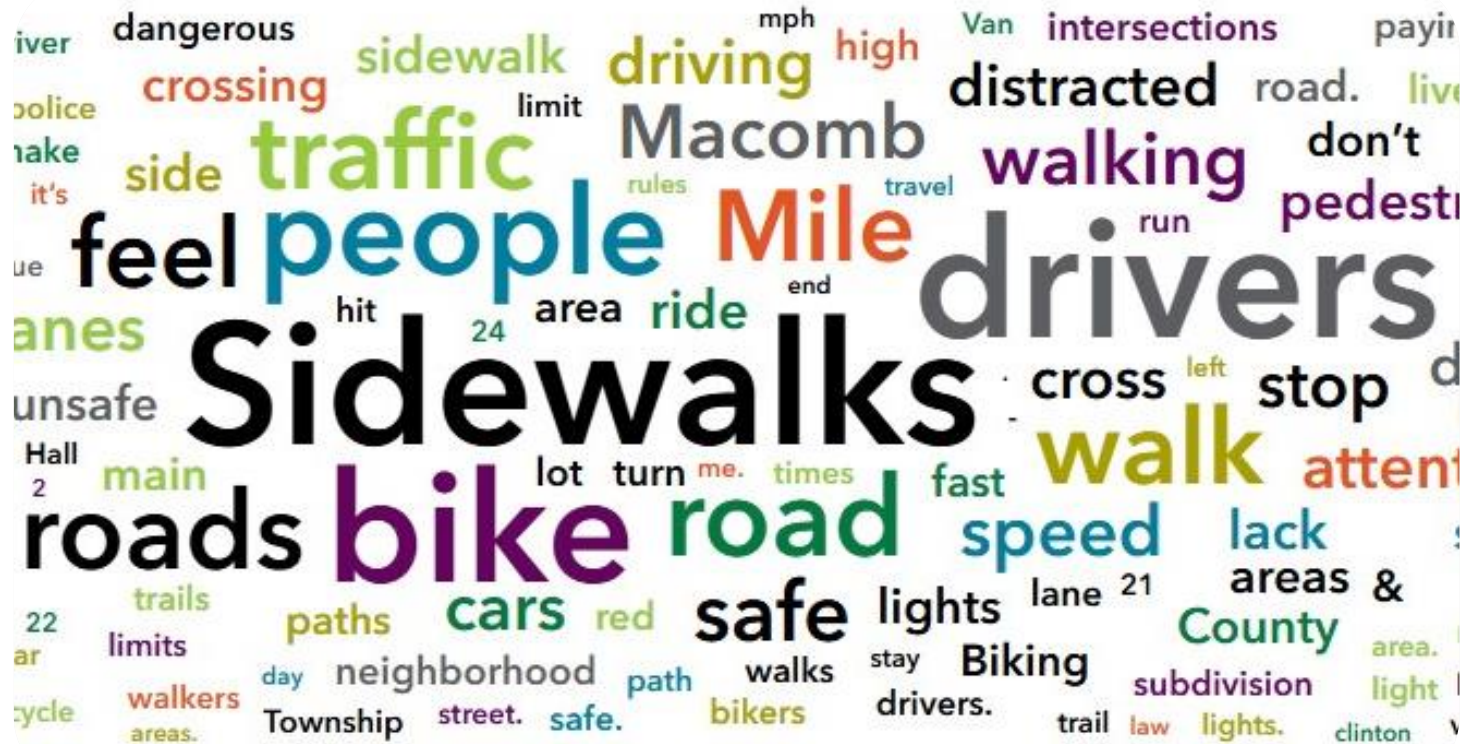


- 1,459 public surveys completed
- Respondents provide detail on their travel habits, transit and nonmotorized usage, safety priorities for safer roads, and other safety concerns.



Public Survey Response – Nonmotorized Safety

Over 40% of respondents said they feel unsafe while walking or biking in Macomb County. Here are some reasons why....



Summary of Common Reasons

Sidewalk Gaps

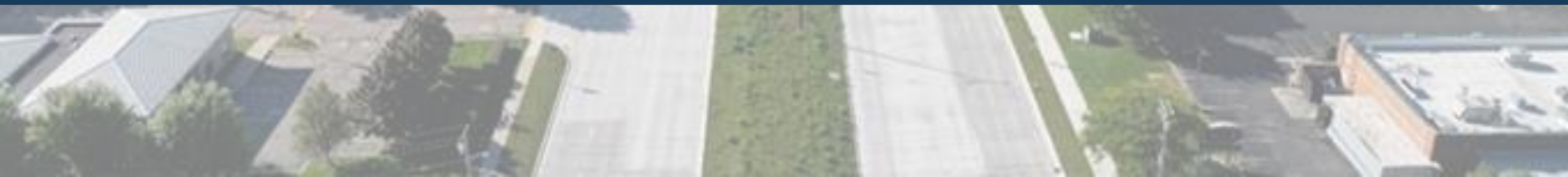
Unsafe Driver Behavior

Traffic Concerns

Lack of Bike Paths



Vision and Strategies





Vision

Macomb County envisions a future where our roadways are designed as safe spaces that prioritize the needs of all users—including motorists, pedestrians, cyclists, and transit users.

By adopting the Safe System Approach, we commit to creating a balanced transportation network that promotes safety, accessibility, and connectivity.



Strategy Areas

Based on the crash and data analysis, and in coordination with the Technical Advisory Committee (TAC), five strategy areas were identified for targeted interventions.



Complete Streets and Vulnerable Road Users (VRUs)

- Design roadway environments to better accommodate and prioritize the needs of pedestrians, cyclists, and individuals with disabilities.



Speed

- Promote safer speeds through coordination with local communities, education, and enforcement.



Intersections

- Enhance road safety at intersections, especially high-risk intersections, through redesign and utilizing innovative and advanced technologies.



Impaired Driving

- Reduce incidents of impaired driving through robust enforcement strategies, community education, and support for preventative measures.



High-Risk Drivers (Younger and Older Drivers)

- Target interventions, education, and support programs to reduce traffic incidents involving high-risk drivers, especially among younger (or new) drivers and older adults.



Recommendations Structure

Infrastructure Countermeasures

- **Physical preventative and mitigation strategies** designed to enhance the safety of the road network

Behavioral Countermeasures

- Strategies and interventions aimed at **influencing and improving the behaviors of individuals** to reduce risks and prevent crashes

Policies

- A set of guidelines and strategic decisions established by the County to help improve the safety of the transportation network



Infrastructure Countermeasures - *Examples*



Roundabouts



Retroreflective Backplates



Intersection Lighting



Next Steps and Implementing the Plan

- “Catalyst Projects” at up to 5 locations
- Action Steps / Leads / Timelines
- Plan adoption by MCDR
- Apply for federal grant implementation dollars to start implementing the Safety Action Plan

