Chikaming Township Comprehensive Safety Action Plan (SS4A)

Antero Group

Agenda

- SS4A Review
- Crash Data
- Stakeholder Feedback
- Survey Results
- Activity
- Next Steps

What is SS4A?

The Safe Streets and Roads for All (SS4A) program is a grant initiative by the U.S. Department of Transportation. The focus is on:

- Roadway safety by preventing and eliminating serious injuries with the goal of **zero fatalities**

This program funds:

- The development of a comprehensive safety action plan is necessary to access funding for future implementation and construction

Chikaming Township was selected to create a Comprehensive Safety Action Plan to be completed by **July 2025**.

ACTION PLAN GOALS

Create safer roadways
that prevent fatal and injury crashes and strengthens the Township's approach to roadway safety

BY

→ **Identifying high risk areas** for motorists, motorcyclists, pedestrians, cyclists, wheel-chair users, and all modes of transportation

→ **Determining the cause and reason for crashes in high-risk areas**

- Are the crashes human error? Roadway design? Wayfinding? Lighting?

→ **Pinpointing areas that lack accessibility** for users including roadways, sidewalks, trails, and other transportation networks

- Are there areas where sidewalks or multi-use trails are needed? Areas that are inaccessible to cyclists or wheelchair users?

The Safety Action Plan will
create an actionable roadmap
to direct future transportation planning, demonstration, implementation, and construction projects.

Crash Data

High Traffic Areas

Roadway	Daily Traffic Count
I-94	Over 46,000
Red Arrow Highway	Over 8,000
Sawyer Road	Over 3,000
Three Oaks Road	Over 2,500
Warren Woods Road	Nearly 1,000

Chikaming Township has about **2,787** residents

Most traffic is from visitors or pass through vehicles

Sources: US Census Bureau, MDOT Traffic Count 2024

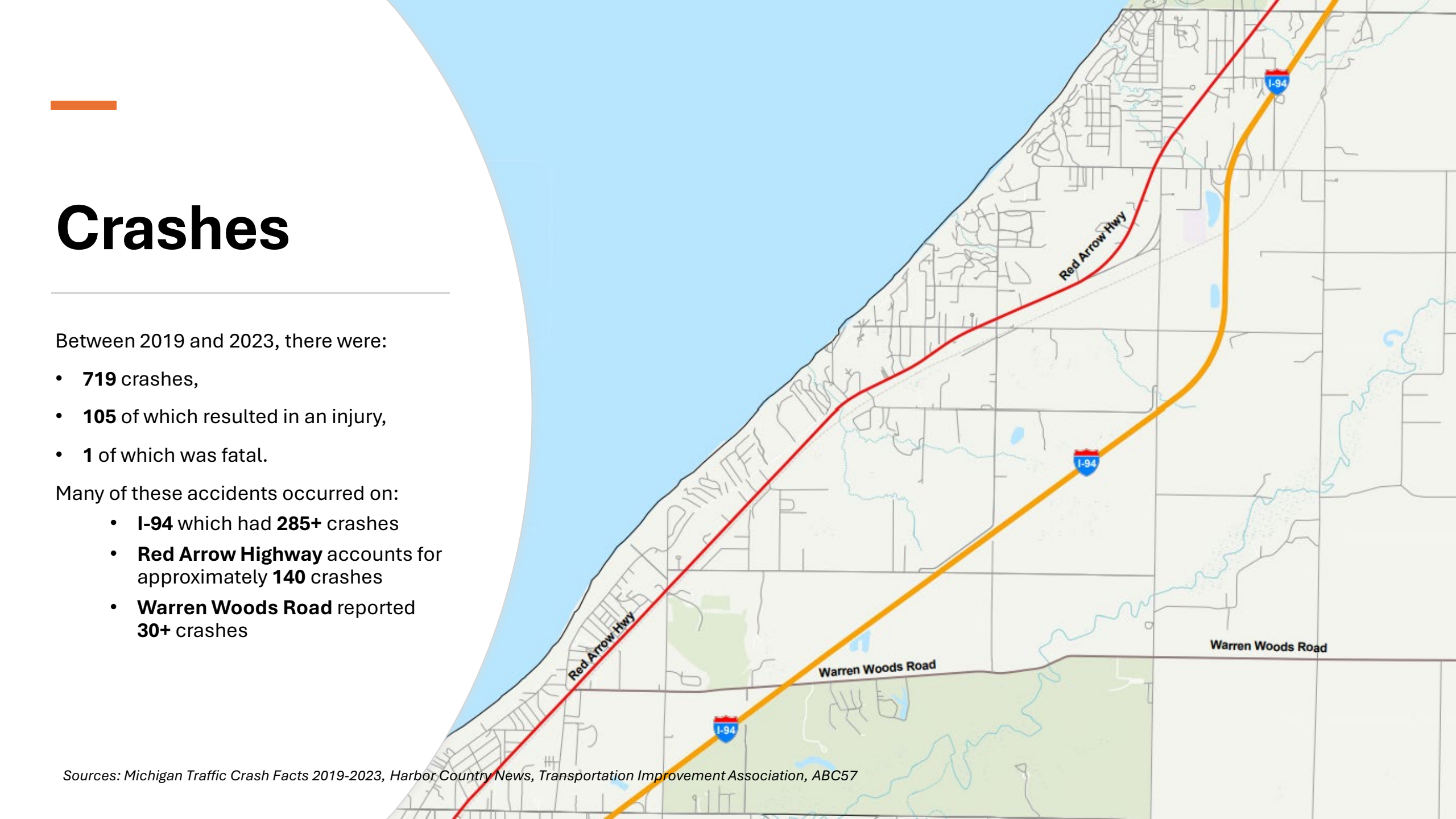
Crashes

Between 2019 and 2023, there were:

- **719** crashes,
- **105** of which resulted in an injury,
- **1** of which was fatal.

Many of these accidents occurred on:

- **I-94** which had **285+** crashes
- **Red Arrow Highway** accounts for approximately **140** crashes
- **Warren Woods Road** reported **30+** crashes



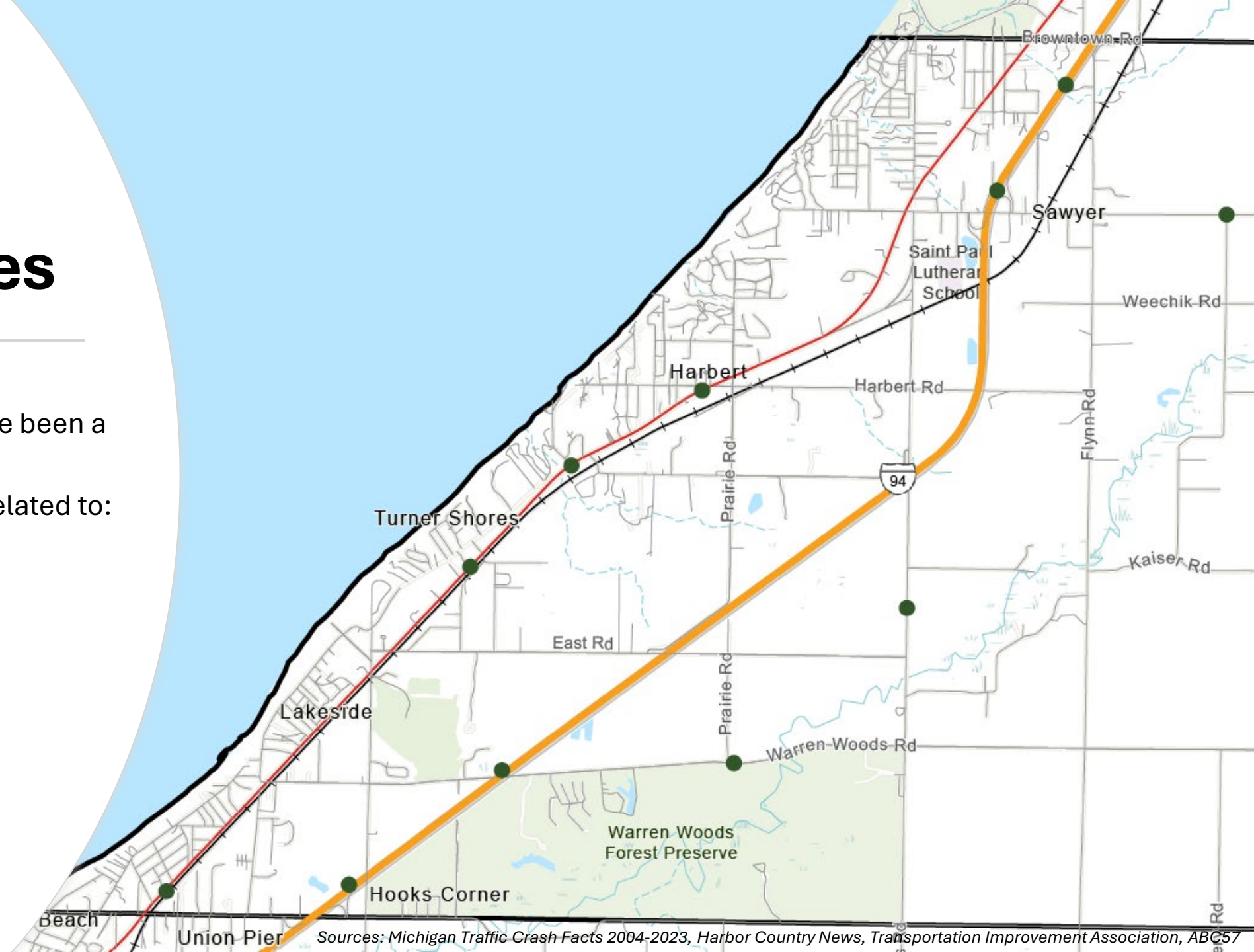
Sources: Michigan Traffic Crash Facts 2019-2023, Harbor Country News, Transportation Improvement Association, ABC57

Fatal Crashes

Between 2004-2023 there have been a total of **11** fatal crashes.

Many of these accidents are related to:

- Loss of control
- Speeding
- Poor road conditions



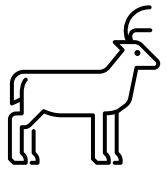
Sources: Michigan Traffic Crash Facts 2004-2023, Harbor Country News, Transportation Improvement Association, ABC57

Single Motor Vehicle Crashes

Between 2019-2023 there was a total of **513** reported single motor vehicle crashes.

Many of these accidents are related to:

- Loss of Control
- Fixed objects on the road
- Road hazards
- Mechanical failures
- Speeding
- Weather conditions

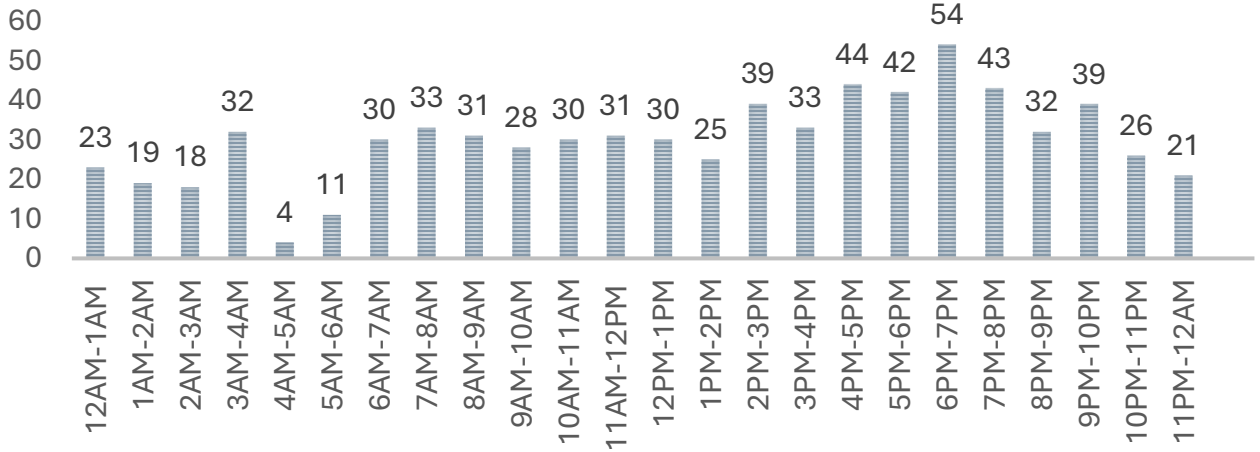


A total of **239** crashes involved animals. **231** of those being deer related.

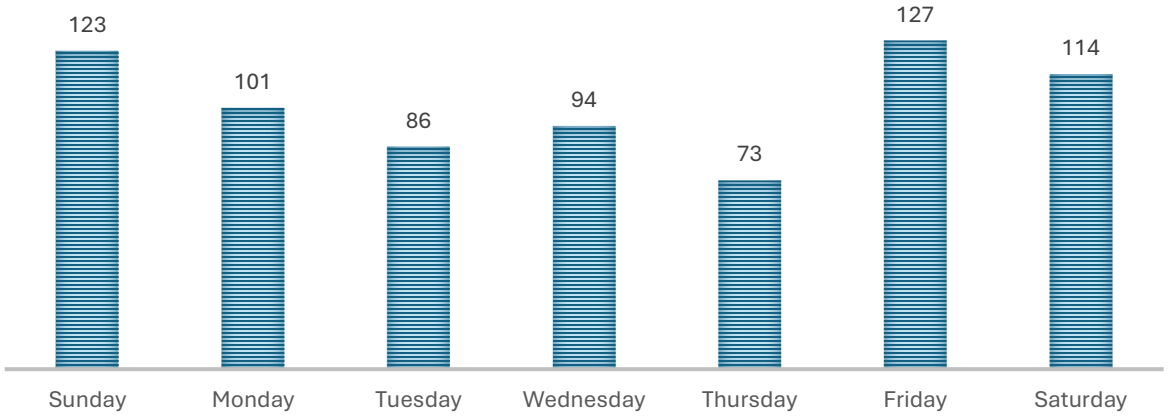
1 reported pedestrian crash.

Time Period Crashes

TIME OF DAY

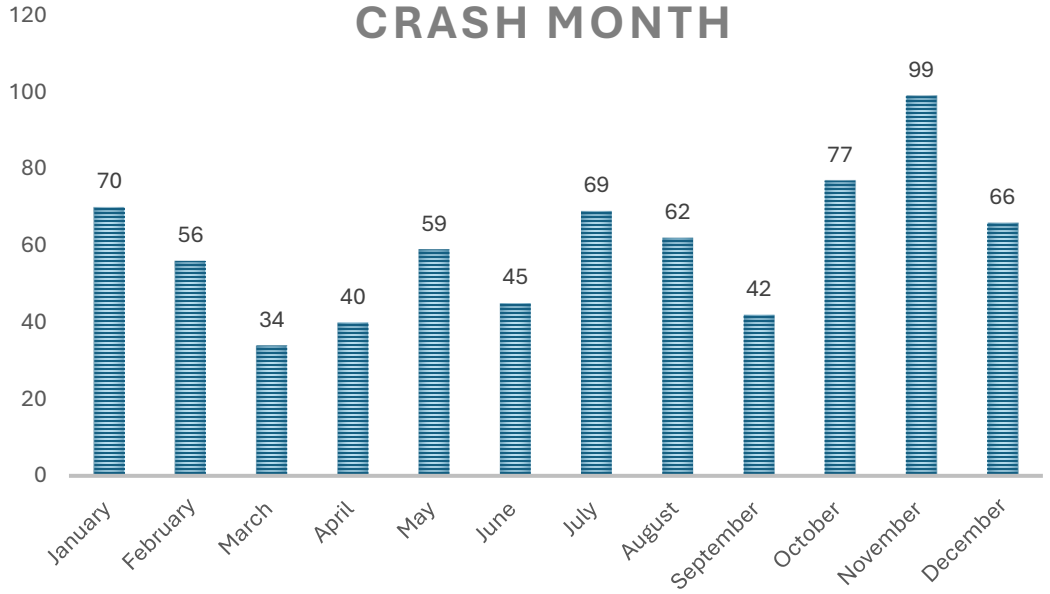


DAY OF WEEK



- **Fridays** experienced the highest number of crashes
- A higher instance of crashes occurred between **6pm** and **7pm**
- Crash occurrences were highest in **November**

CRASH MONTH



Stakeholder Feedback

Overall Concerns:

Pedestrian crossing on Red Arrow Highway to Harbert Park

Speeding on Three Oaks Rd and Red Arrow Highway

High speed limits in pedestrian heavy areas

Narrow shoulders on Three Oaks Rd

Road visibility at intersections Prairie Rd and Red Arrow Hwy

Accessibility due to road closures and construction

I-94 ramps on Sawyer Rd

Cycling safety on Warren Woods Rd

Union Pier high pedestrian traffic

Lack of traffic signage

Walking/Cycling safety and etiquette

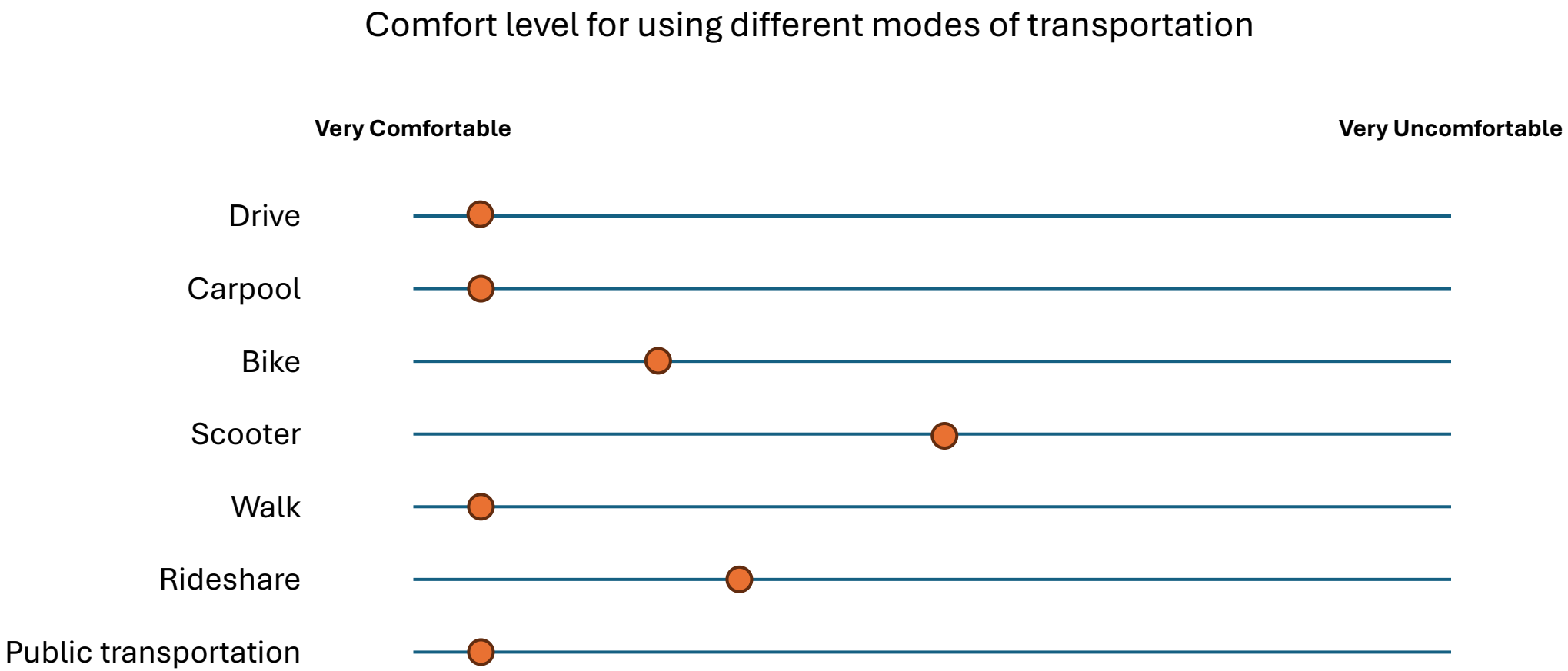
Desired Improvements

- Improved trail network
- Prioritizing non-motorized pathways
- Traffic calming measures
- Widening shoulders
- Increased canopy and maintained vegetation
- Widening roads to include bike lanes
- Connectivity to downtown Sawyer

Survey Review

SURVEY RESULTS

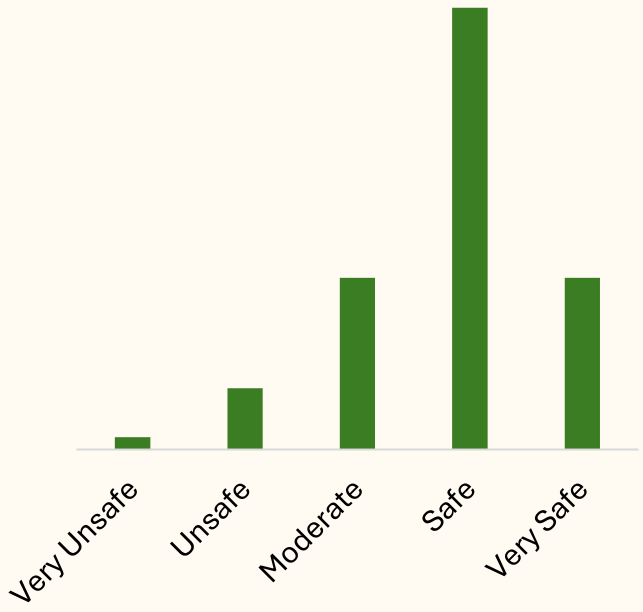
Total **71** Responses



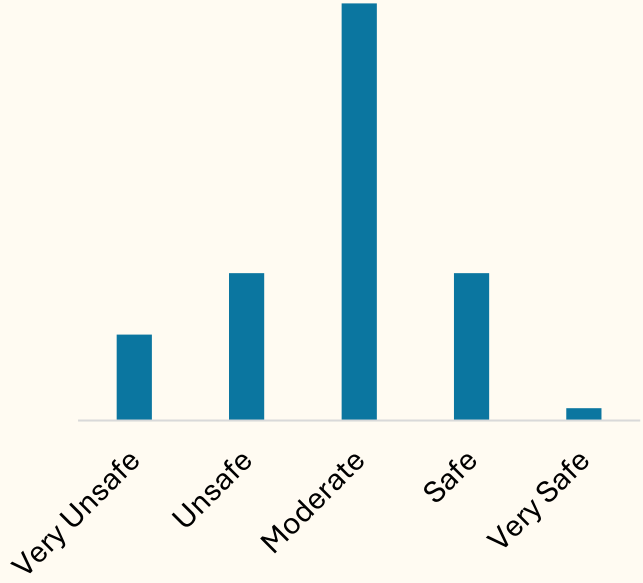
SURVEY RESULTS

How safe people feel when they are...

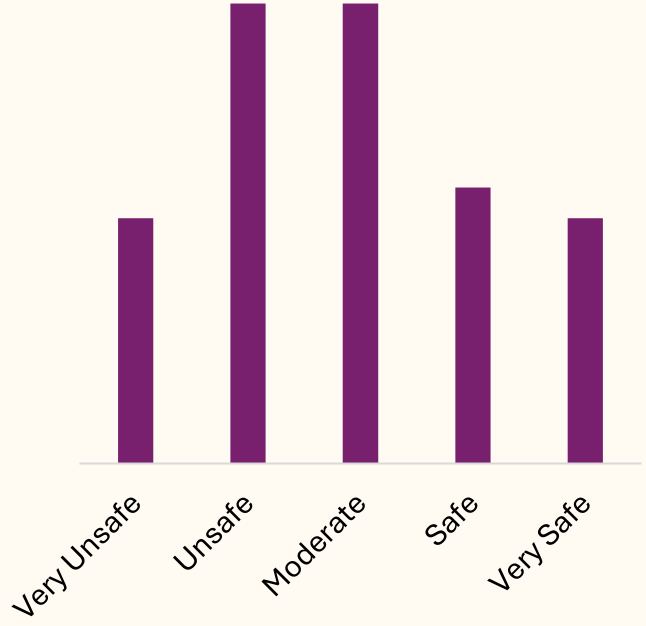
Driving



Walking

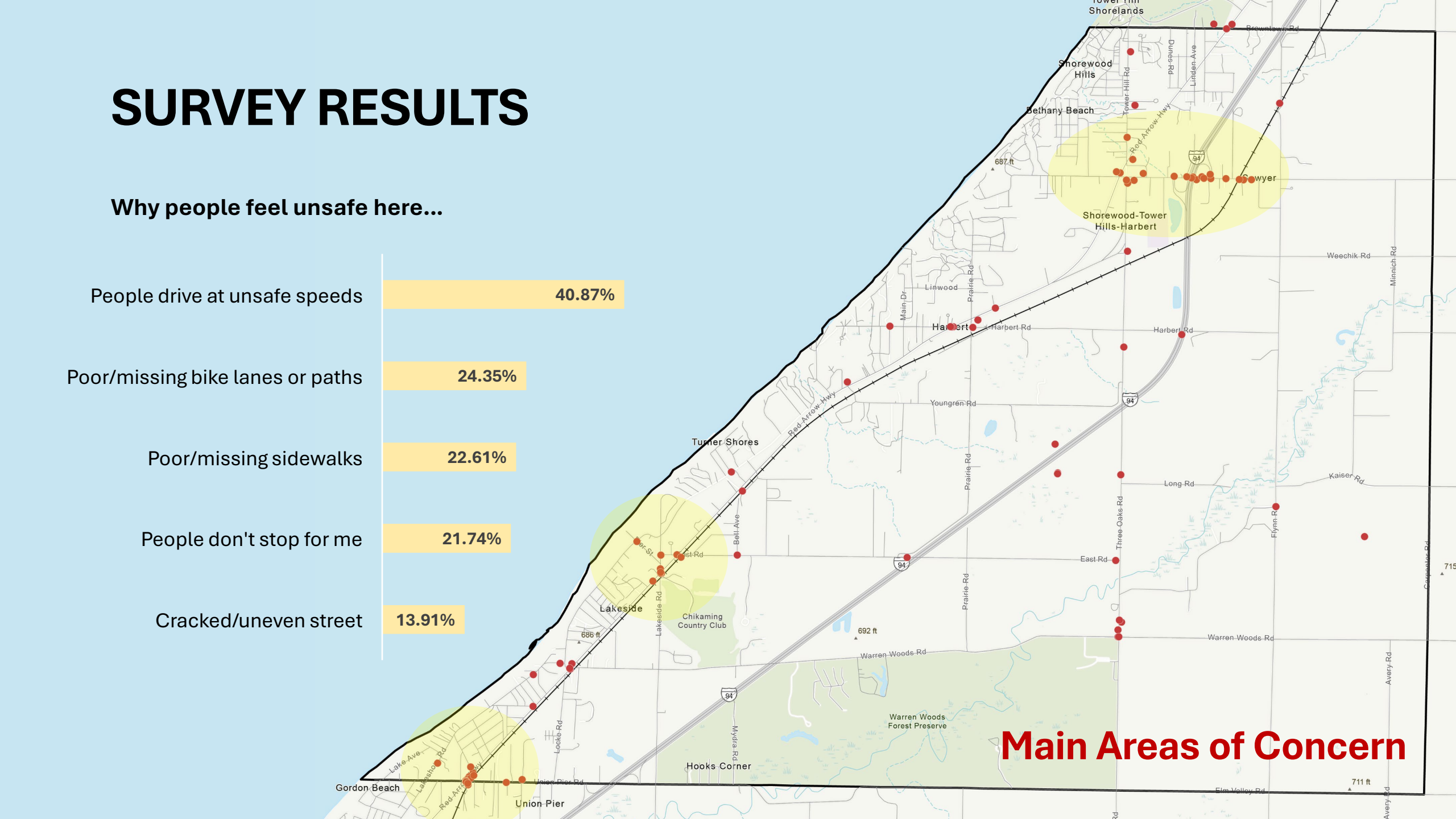


Cycling



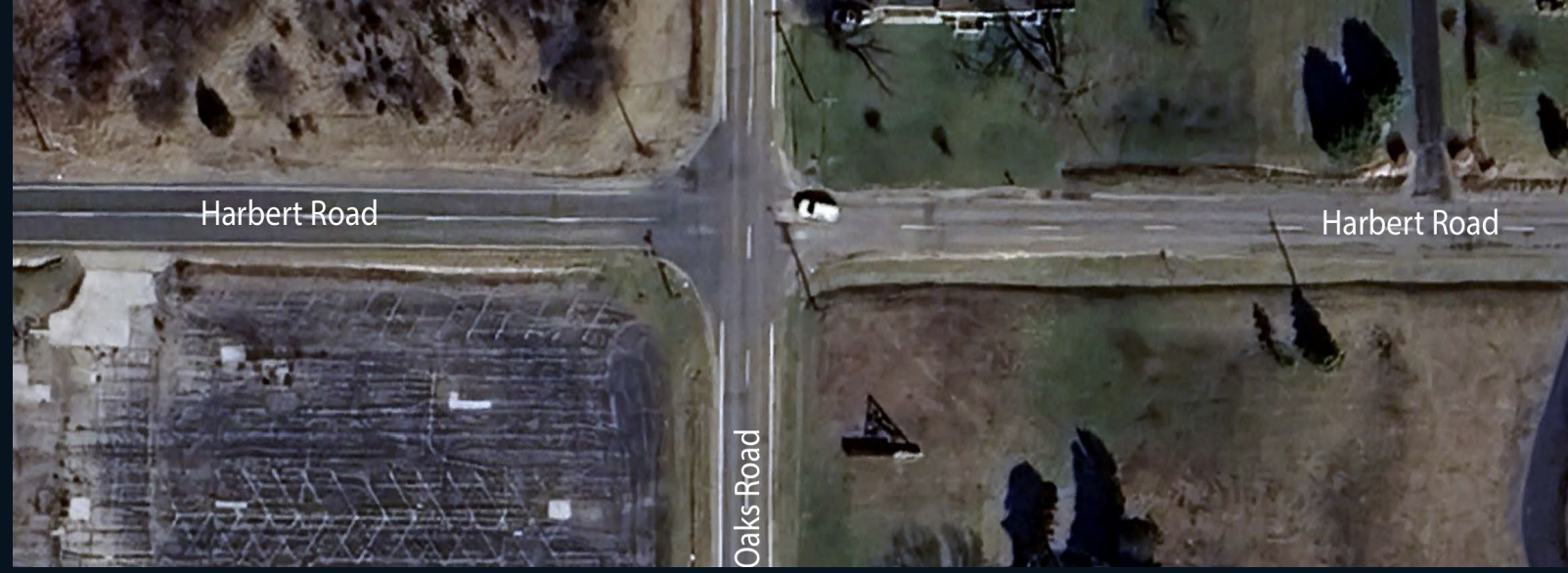
SURVEY RESULTS

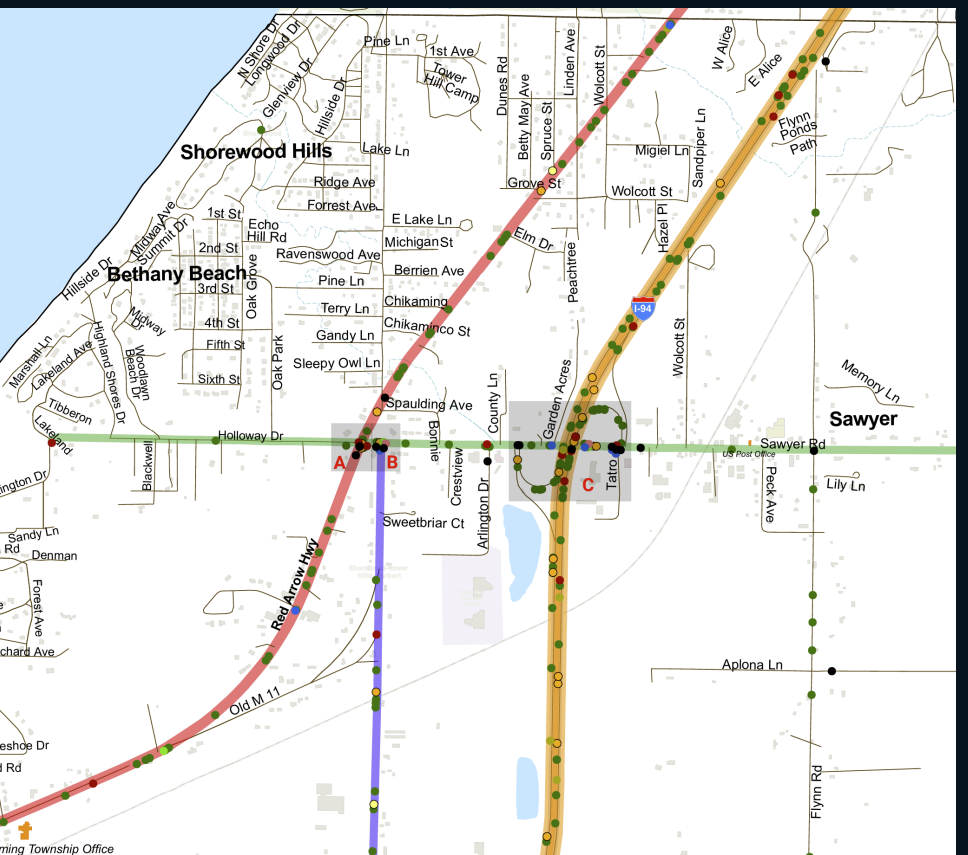
Why people feel unsafe here...



Activity

ACTIVITY





1. Using the provided stickers to note desired improvements.
2. Place smaller sticker dots to show agreement with the existing comment or countermeasure.

Proven Safety Countermeasures

- Appropriate Speed Limits
- Designated Bike Lanes
- Road Diets
- Rectangular Flashing Beacons
- Medians and Pedestrian Refuge Islands
- Wider Edge Lines
- Rumble Strips on Two-Lane Roads
- Dedicated Left and Right Turn Lanes at intersections
- Lighting
- Pavement Friction Management
- Speed Bumps

Next Steps

- Continue analyzing collected data and begin created recommendations based on data collected and feedback from stakeholders and the community.
- One more public meeting will be held in May to discuss the proposed recommendations and action items.

THANK YOU!

Updates can be found at:

https://safestreetschikaming.org/