



Safety Starts at Our Core

Comprehensive Safety Action Plan



Jamie Taylor, P.E.
Project Manager, Mat-Su Borough
jamie.taylor@matsugov.us

Joni Wilm
Project Manager, Michael Baker
joni.wilm@mbakerintl.com

Introductions



Michael Baker

I N T E R N A T I O N A L



FEHR & PEERS

- Joni Wilm
- Sarah Schacher
- Karin McGillivray
- Caitlin Frye
- Alex Hutcheson
- Jennifer Gross
- Malia Walters

- Van Le
- Beth McKibben

- Nicole Waldheim
- Taylor Whitaker



Photo credit: Joni Wilm

What we heard from the MSB Community

Mat-Su Borough - SS4A Comprehensive Safety Action Plan - 2024

Survey Results

912 Responses

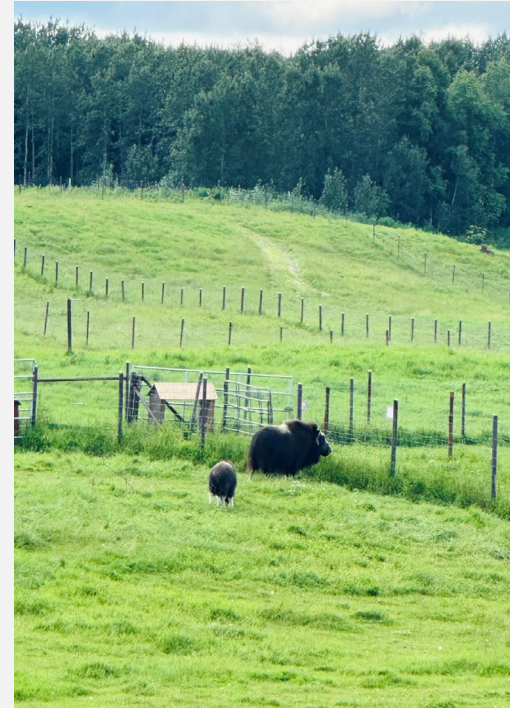


Survey Distribution



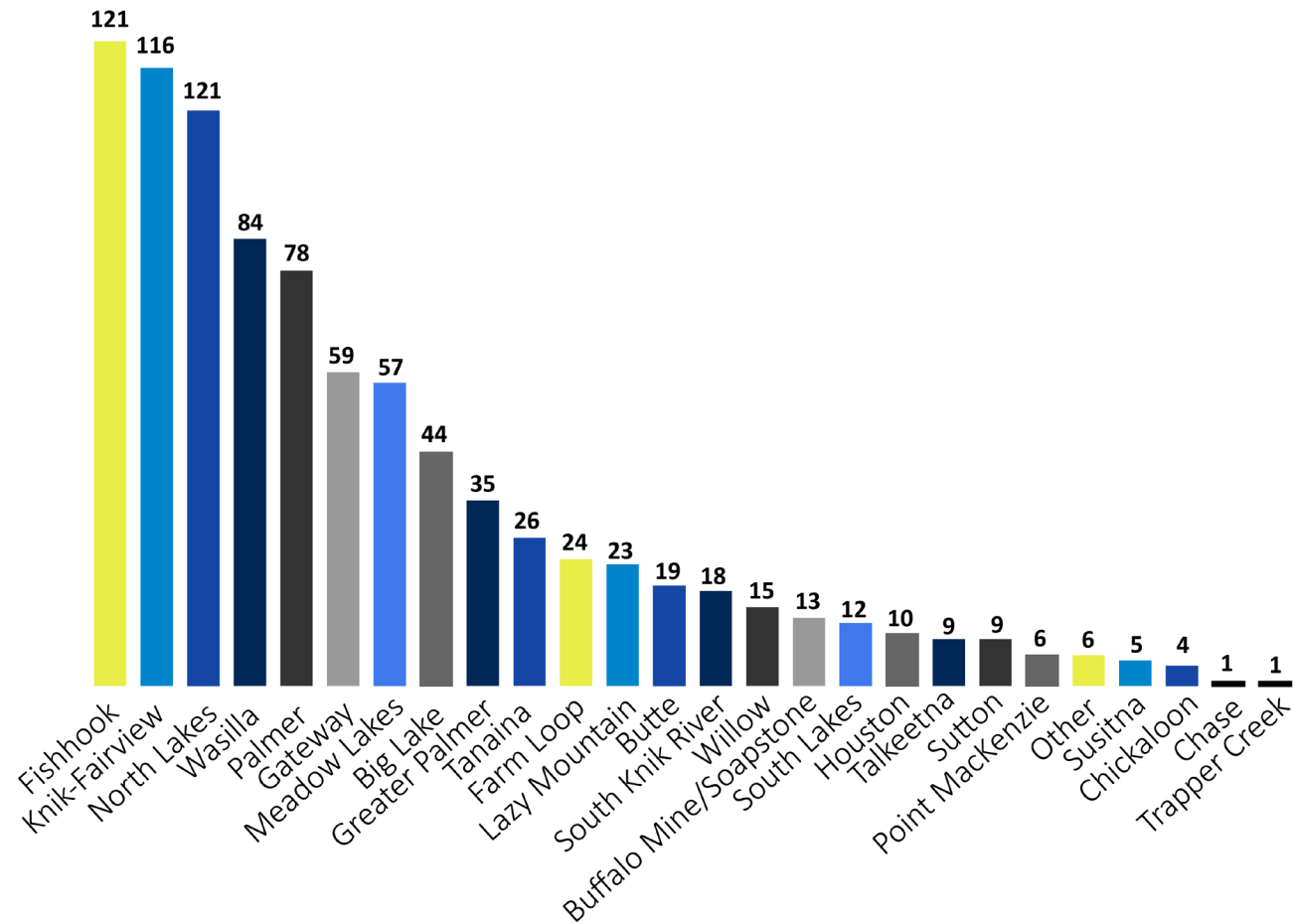
June 26 – September 13, 2024

- Online on the project website
- Paid promotion on the MSB Facebook
- Shared with 13 MSB Facebook groups
- Hard copy distribution in Palmer, Wasilla, and Houston





Residential Location



What would make residents more likely to walk & bike?

1. Off-street multi-use pathways
2. Safe, conveniently located sidewalks
3. All seasonal maintenance of facilities
4. Better lighting and better visibility at intersections
5. Reduced congestion and vehicle speeds



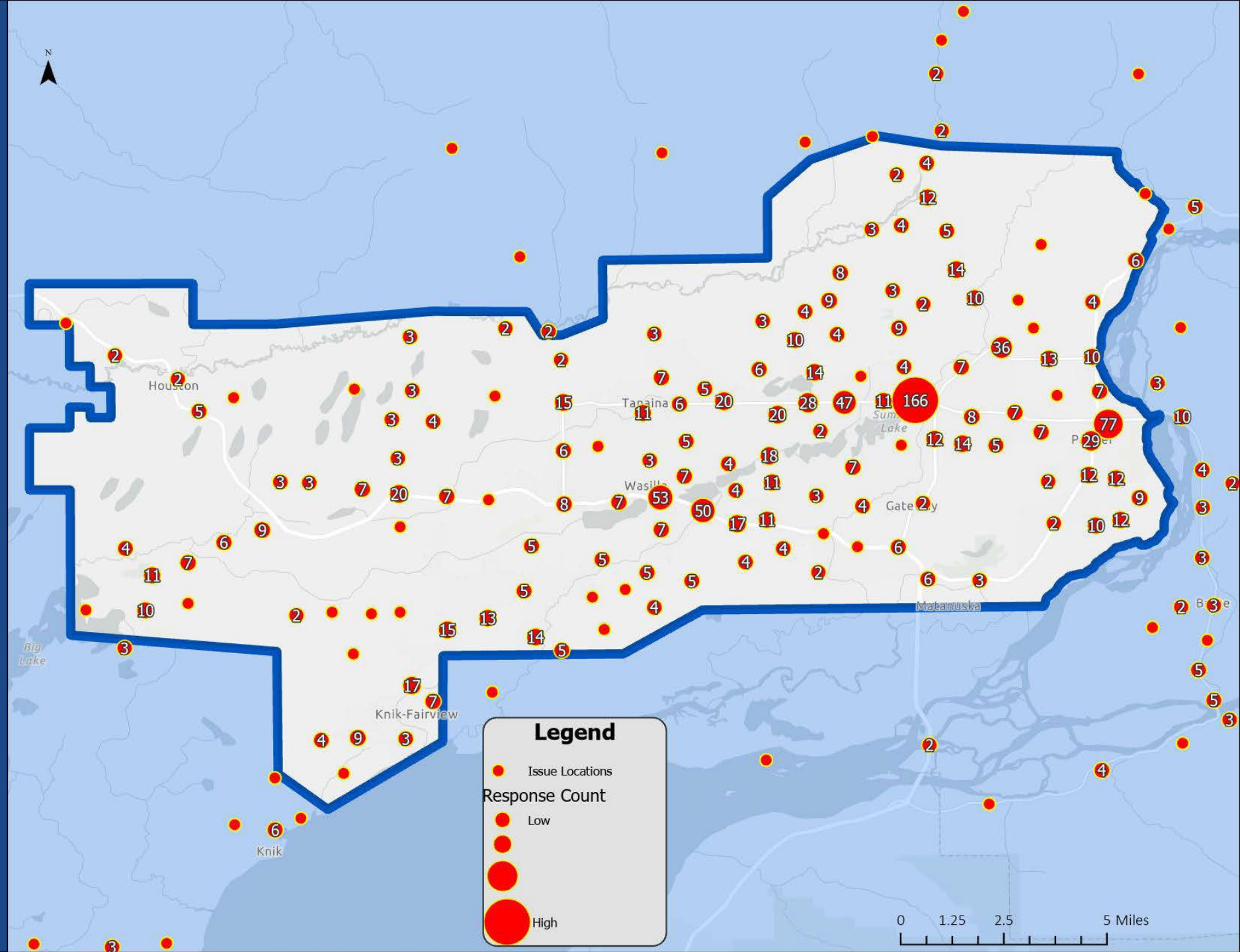
What are the biggest challenges to roadway safety?



1. Inadequate maintenance (roads, sidewalks, pathways)
2. Limited separated places to walk and bike
3. Unsafe driving behaviors (speeding, distracted driving, impairment)
4. Lack of crosswalks, sidewalks
5. Inadequate lighting



Where are your biggest safety concerns?



**What are
your
biggest
safety
concerns?**

- **Road Design Issues**
- **Congestion**
- **Bogard and Engstrom**
- **Enforcement**
- **Unsafe facilities for biking and walking**

Big Picture Crash Trends (2018-2022)

4,802
TOTAL CRASHES



57 FATAL



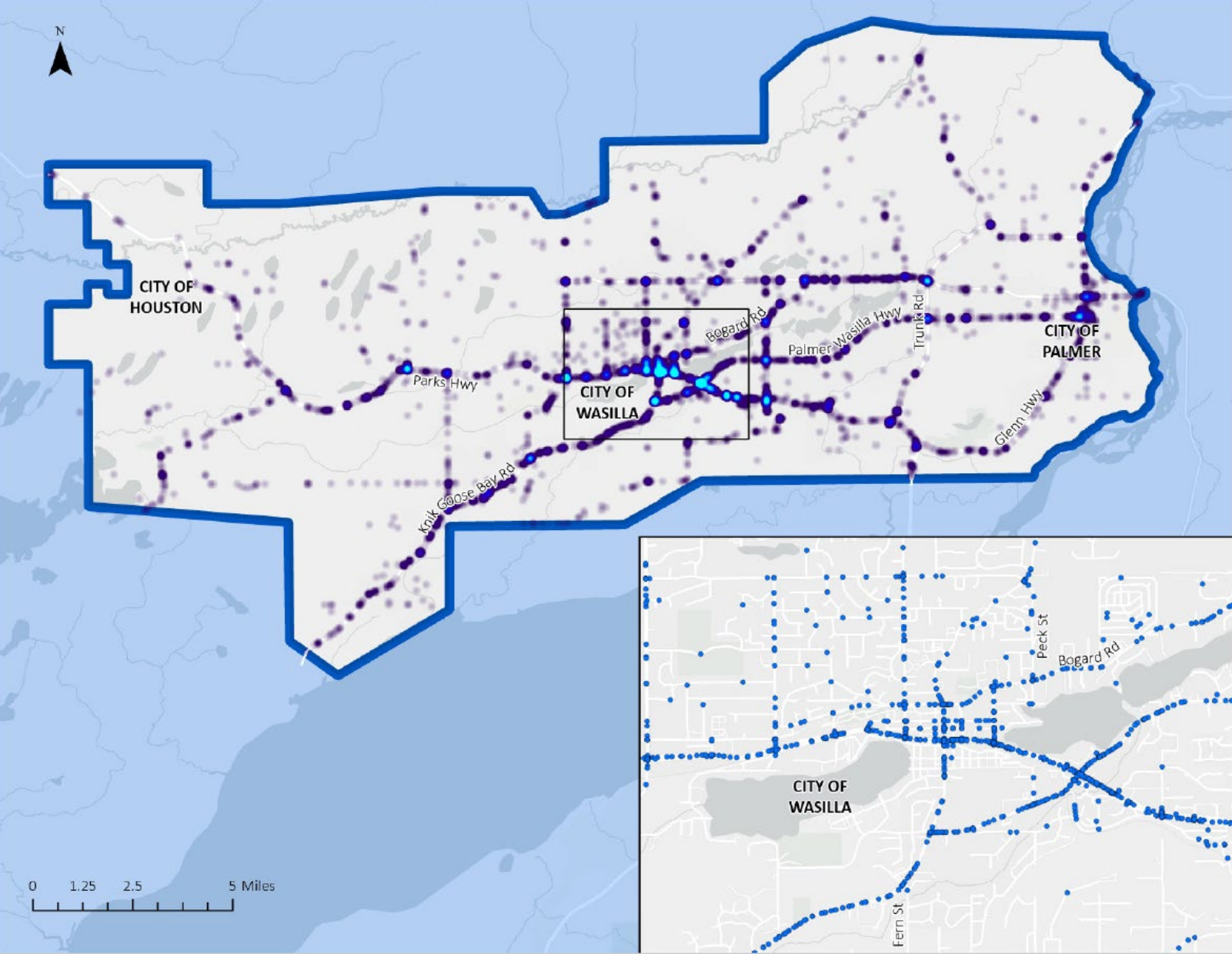
159 SERIOUS INJURY



22 BICYCLE

30 PEDESTRIAN

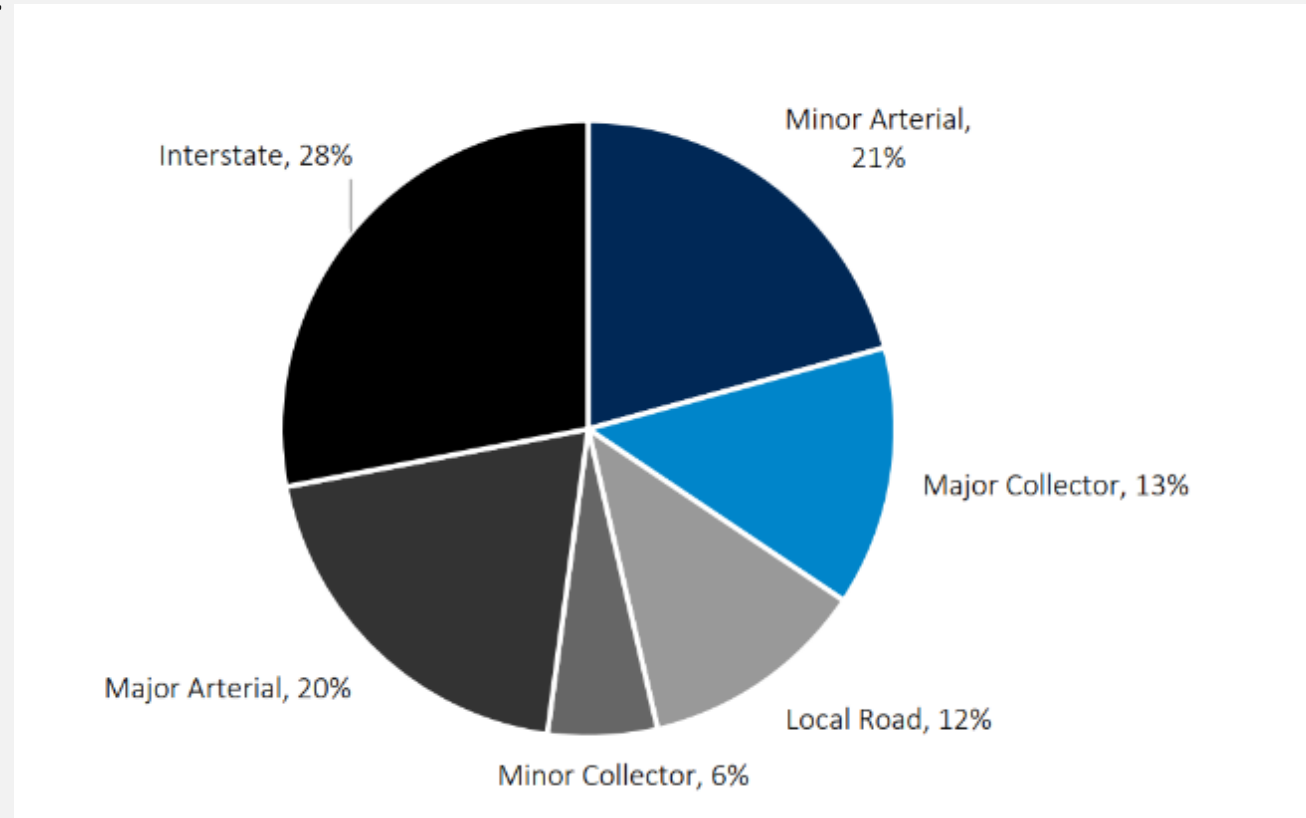
82 MOTORCYCLES



Big Picture Crash Trends



- The most crashes happen on interstates, but more crashes happen on **major and minor arterials** combined.
 - Serious crashes follow same trend
- Drugs or alcohol were involved in **24% of serious crashes**.
- 75% of all crashes and 66% of serious crashes are **intersection related**.
- First harmful events are vehicle-to-vehicle (79% all, 65% serious).
 - Second most common for all crashes is hitting live animal (6.5%)
 - Second most common for serious crashes is rollover (6%)



Crash Trends by Mode



- **Bicycle/pedestrian**

- 22 total bike crashes, 6 serious including 1 fatal
- 30 total ped crashes, 9 serious including 5 fatal
- **86%** of all involved some form of injury, even if minor

- **Motorcycle**

- 82 total, **39%** were serious crashes
- 12% of all crashes and of serious crashes involved alcohol

- **ATV**

- 9 total crashes; 1 serious (fatal)
- 6 with vehicles
- 5 minor injuries

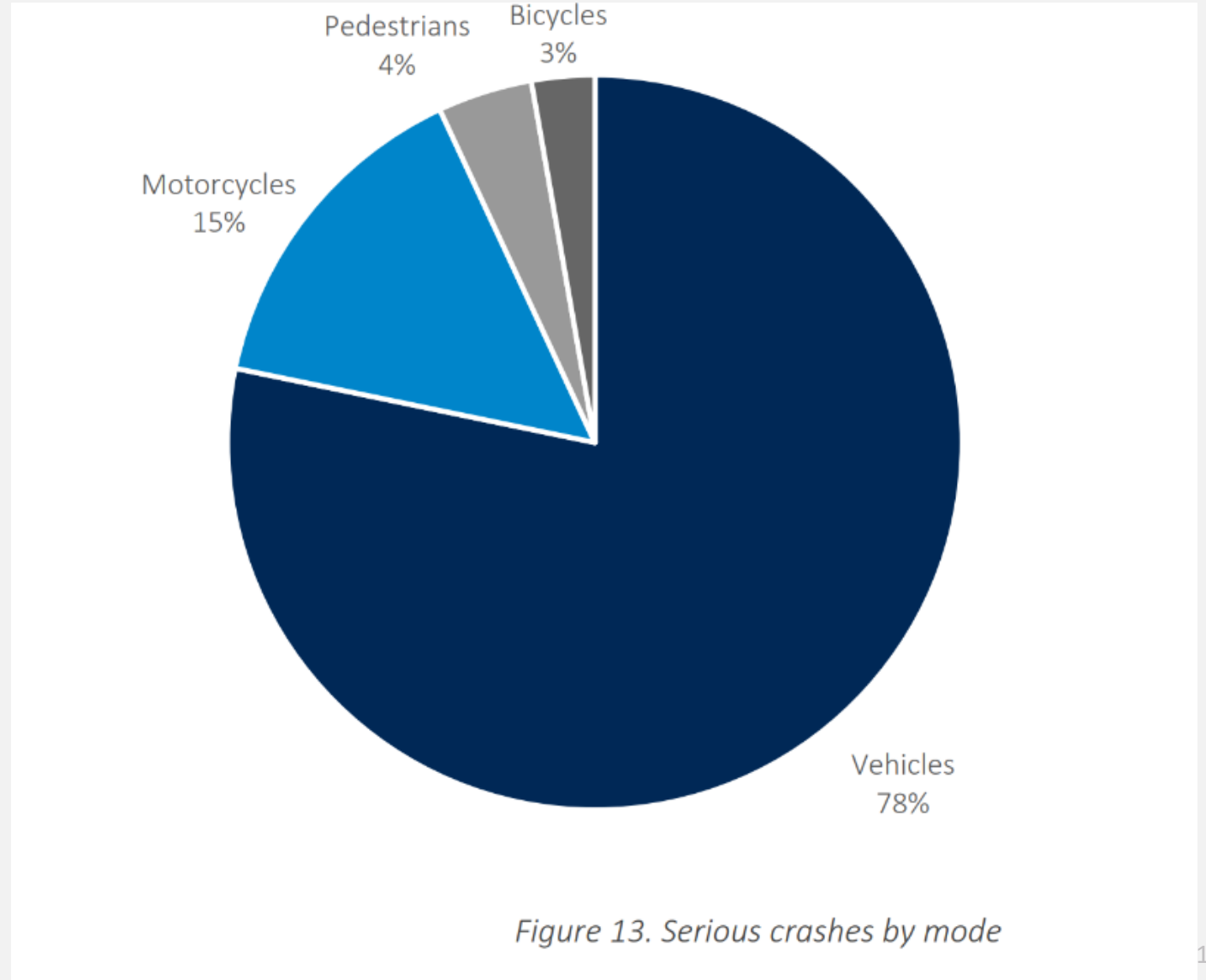
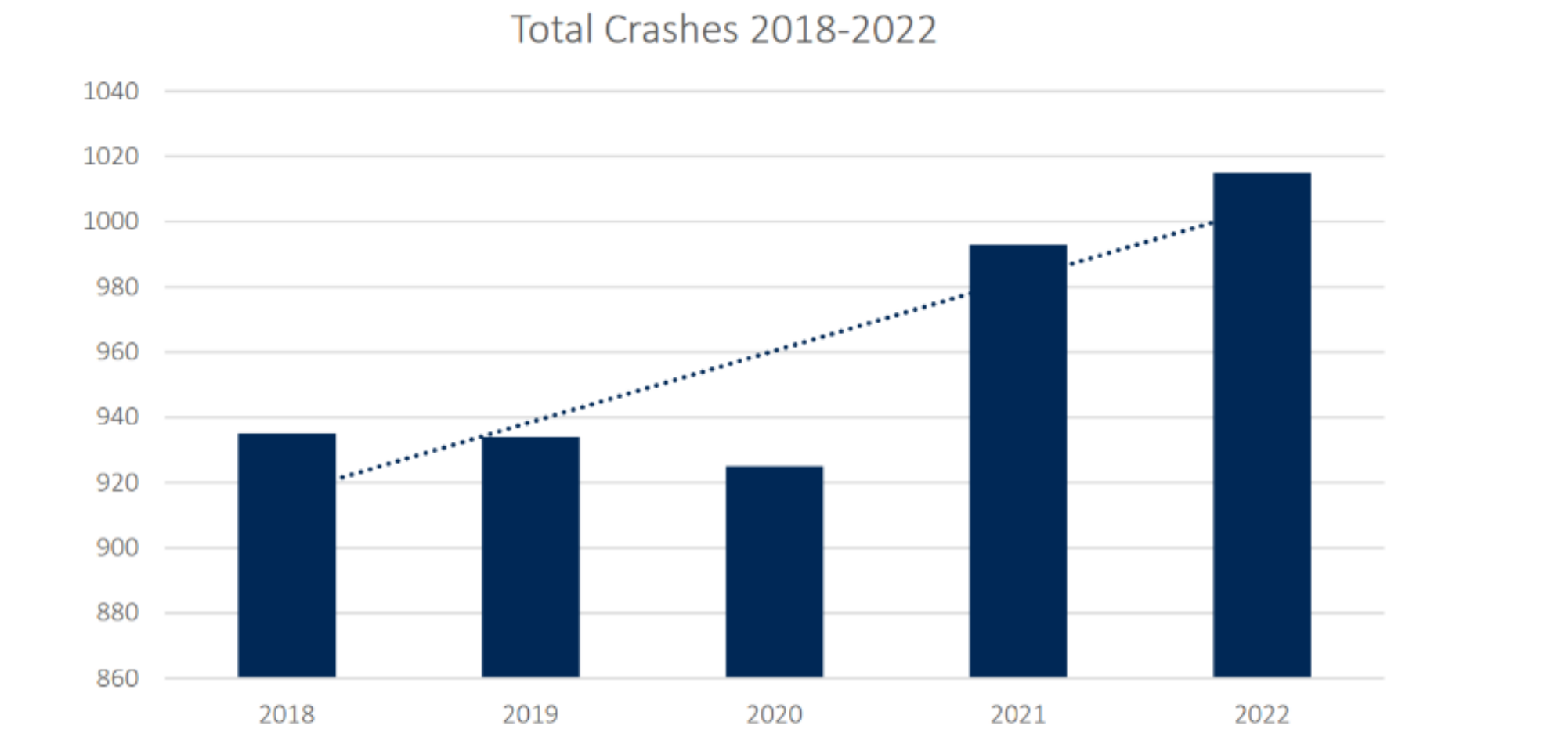


Figure 13. Serious crashes by mode

Crash Trends By Year



More crash details in the **online crash data dashboard and **online public workshop #2.****

- **Deeper analysis of serious injury and fatality crashes**
- **Crash trends by age/gender**
- **Driver action at time of serious crashes**
- **Crash trends by month**
- **Crash trends by lighting conditions**

Explore the crash data dashboard

ss4a.matsugov.us



Safe Streets for All

Home About Participate Documents



Mat-Su Borough Safety Plan | Existing Conditions Analysis

Instructions

Find Address

Year

Year is: - All -

Apply Cancel

Injury Type

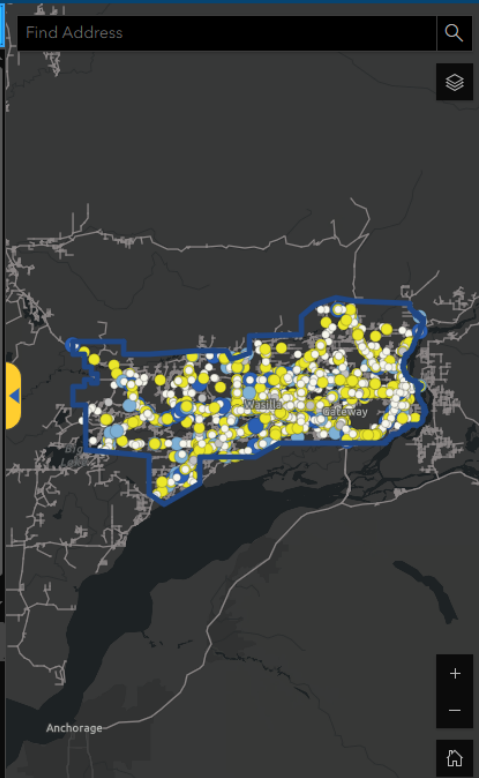
Injury Type is: - All -

Apply Cancel

Mode

Mode is: - All -

Apply Cancel

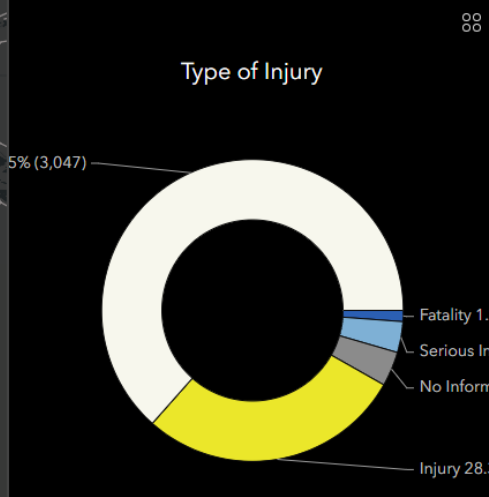


57 Crashes with a fatality

159 Crashes with a serious injury

*To view items in more detail click the upper right corner of the feature, or drag the panes to expand to desired size.

Injury Type Crashes by Year Crash Type Li >



The information in this document is compiled for highway safety planning purposes. Federal law prohibits its discovery or admissibility in litigation against state, tribal, or local government that involves a location or locations mentioned in the crash data. 23 U.S. Code § 407; and 23 U.S. Code § 148(h)

- Injury Type
- Crash Type
- Crashes by year
- Equity analysis



Attend the online virtual workshop

ss4a.matsugov.us



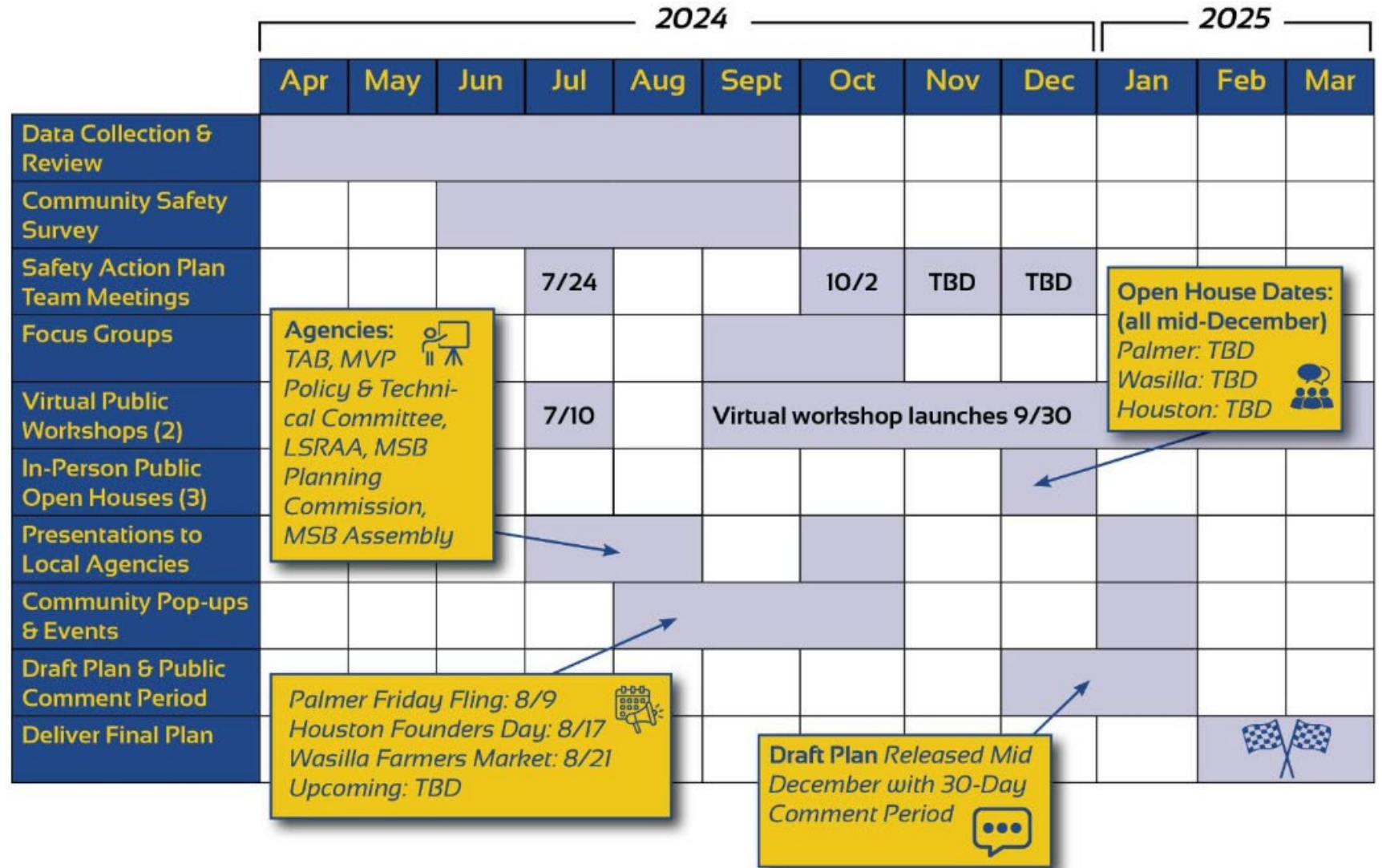
Explore crash & safety data on Mat-Su Borough's urban roads

This virtual workshop is part of the development of the Mat-Su Borough Comprehensive Safety Action Plan

- Explore the data
- Safe Streets for All
- Crash Locations
- Travel Modes
- Causes
- Solutions



What's next and ways to participate



Thank you!

Joni Wilm

Email address:

joni.wilm@mbakerintl.com

Website:

ss4a.matsugov.us



*Parks Highway between Meadow Lakes and Houston
Photo credit: John Olsen*