



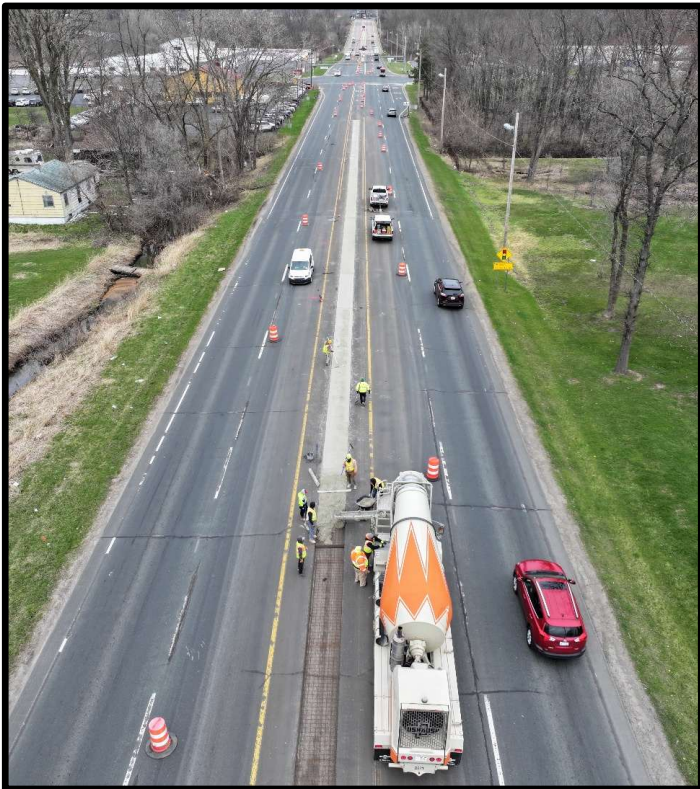
SS4A: Safe Streets Initiative: Enhancing Road Safety in Kalamazoo County

Presented By: Jim Hoekstra, PE

Date: 5/19/2026



Agenda



- **What is the SS4A?**
- **Project Status**
- **Next Steps and Project Timeline**

What is the SS4A?

Background:

- Goal of Safe Streets For All: zero deaths using a Safe System Approach
- \$5 Billion in Funding through USDOT (2022-2026)
- Transportation Safety Action Plan (2023)
- Implementation Grant Award (2024) for \$25M

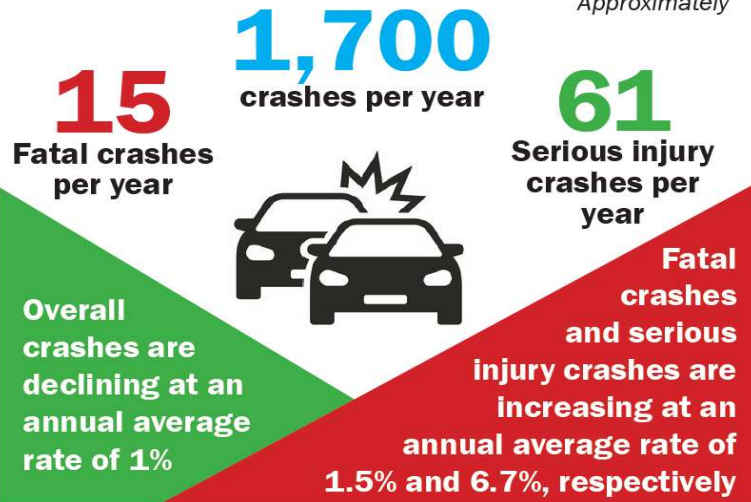


Transportation Safety Action Plan

- A safety plan for all road users
- Data-driven, collaborative, to get to zero fatalities and serious injuries
- A mix of findings:
 - ✓ Total crashes fewer than statewide average (and declining)
 - ✗ Fatalities/Serious crashes more than statewide average (and increasing)
 - 50% of Fatalities/Serious crashes are due to lane departure
 - Most frequently crashes are single vehicles
 - 80% of serious crashes occur on primary roads

AVERAGE FOR RCKC NETWORK:

Approximately




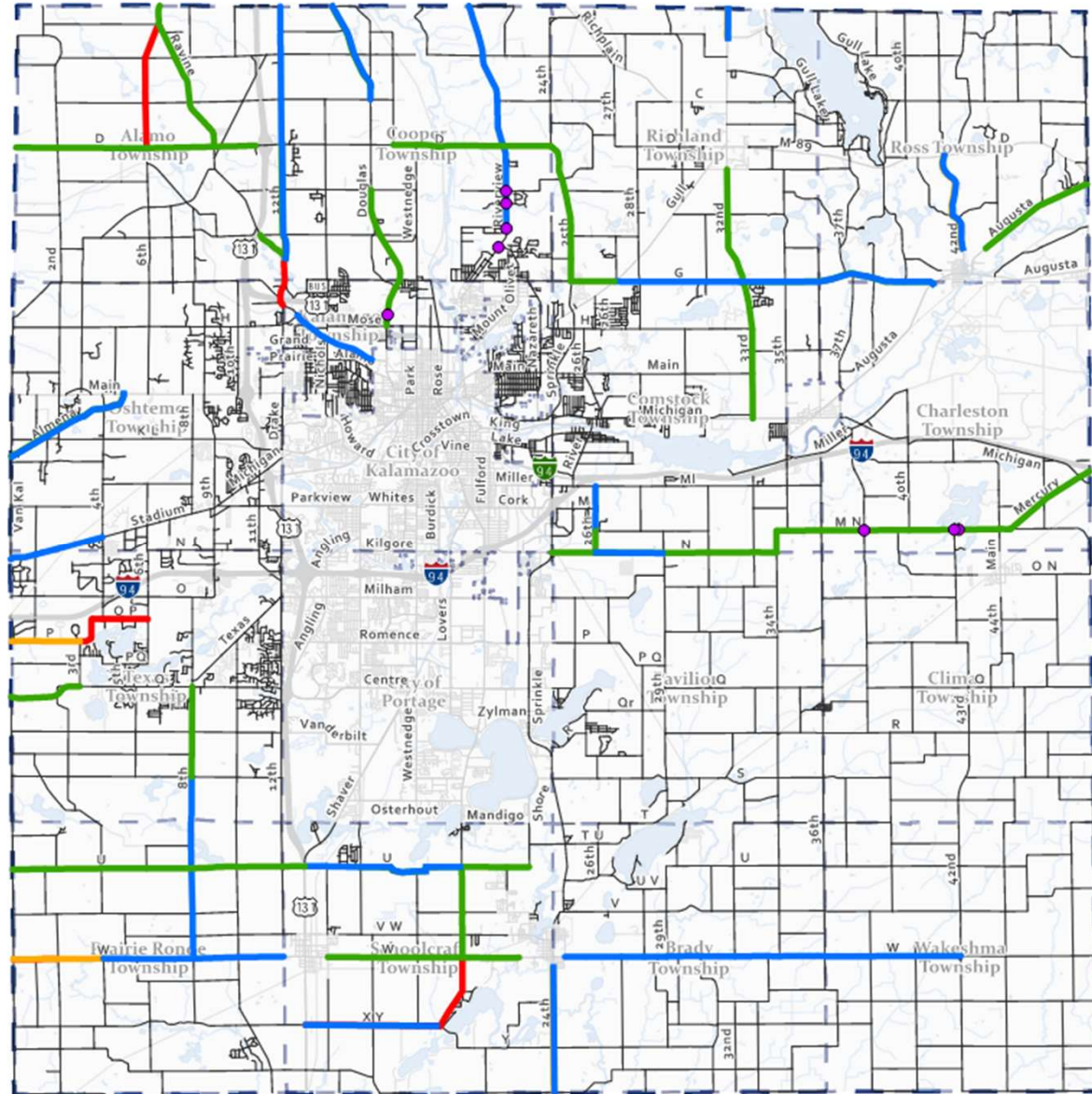
Single Vehicle
RCKC - 31.4%
Statewide - 22%



RCKC Project Scope

Safe Streets Initiative - Project Locations

-  Road Reconstruction, Shoulder Widening, Clear Zone Improvements, Rumble Strips, Pavement Markings, and Signage
7 Miles, \$7.1 M
-  Road Resurfacing, Shoulder Widening, Clear Zone Improvements, Rumble Strips, Pavement Markings, and Signage
4 Miles, \$3.5 M
-  Road Resurfacing, Clear Zone Improvements, Rumble Strips, Pavement Markings, and Signage
53 Miles, \$20.2 M
-  Clear Zone Improvements, Rumble Strips, Pavement Markings, and Signage
66 Miles, \$4.6 M
-  Left-Turn Lanes
7 Locations, \$1.5 M



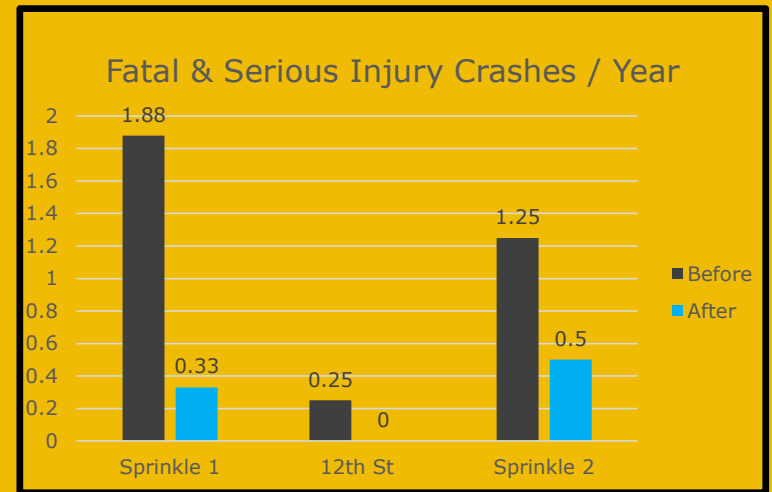
Project Scope: Rumble Strips

- Centerline Rumble Strips on ALL 130 Miles
- Shoulder Rumble Strips on 74 Miles
- \$1 M of the project



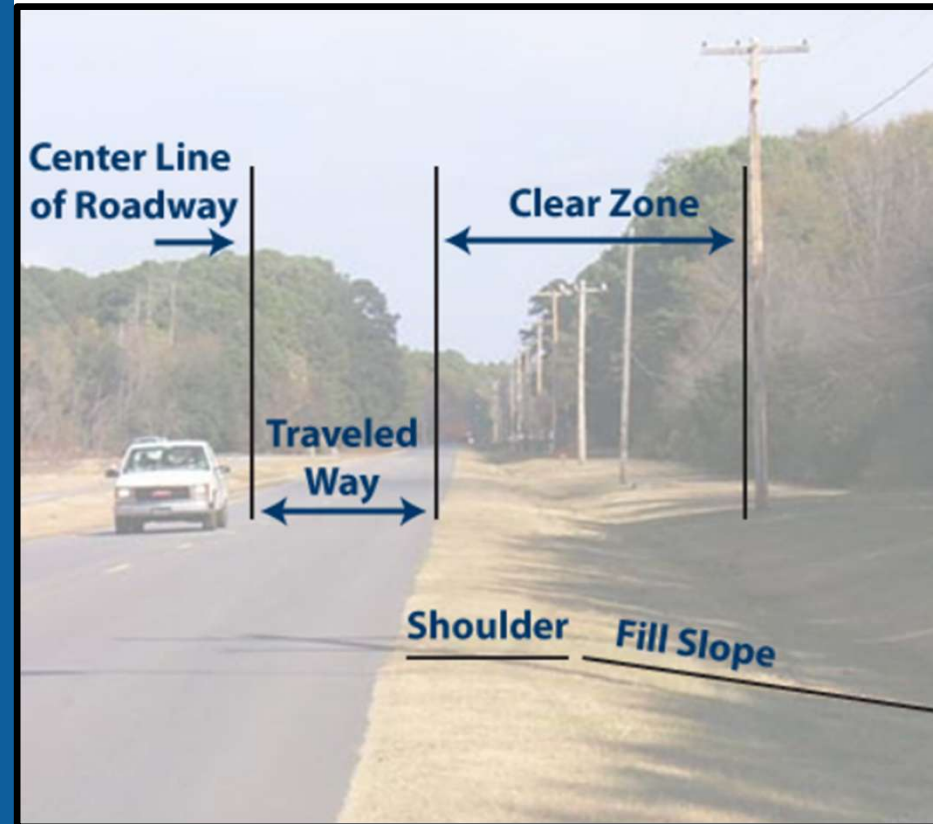
Project Scope: Rumble Strips

- Successful RCKC rumble strip projects
- Resulted in:
 - **72%** Reduction in Fatal & Serious Injury Crashes / Year
 - **42%** Reduction in All Crashes / Year
 - About **17 fewer** fatal and serious crashes occurred after the improvements



Project Scope: Clear Zone Improvements

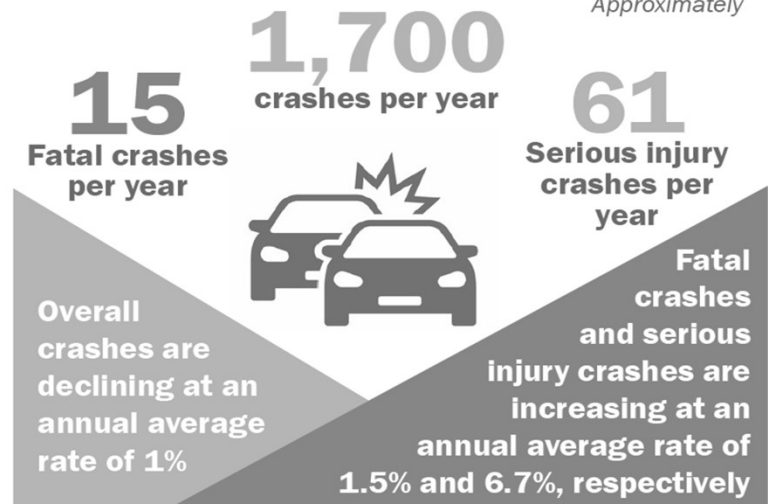
- Clear Zone is:
The unobstructed traversable area beyond the travel lane for the recovery of errant vehicles.
- Items in this zone should be breakaway or relocated for safety



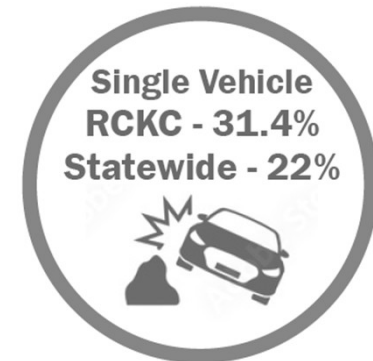
Project Scope: Clear Zone Improvements

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AVERAGE FOR RCKC NETWORK: *Approximately*

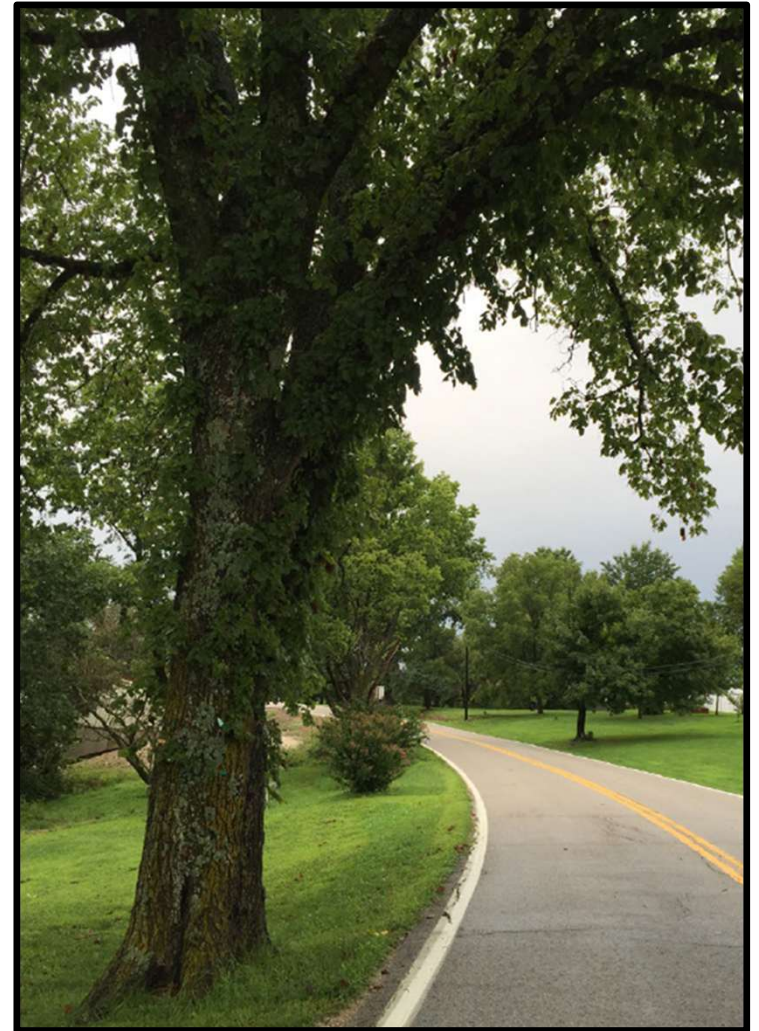


60% involve trees



Project Scope: Clear Zone Improvements

- Tree removal from the clear zone
- Approximately 8,000 trees
- \$8M of project cost
- Additional benefits:
 - improved emergency response & cleared roads
 - reduced wildlife hazards near the road
 - improved Monarch butterfly habitat



Project Scope: Trees (32nd/33rd St)



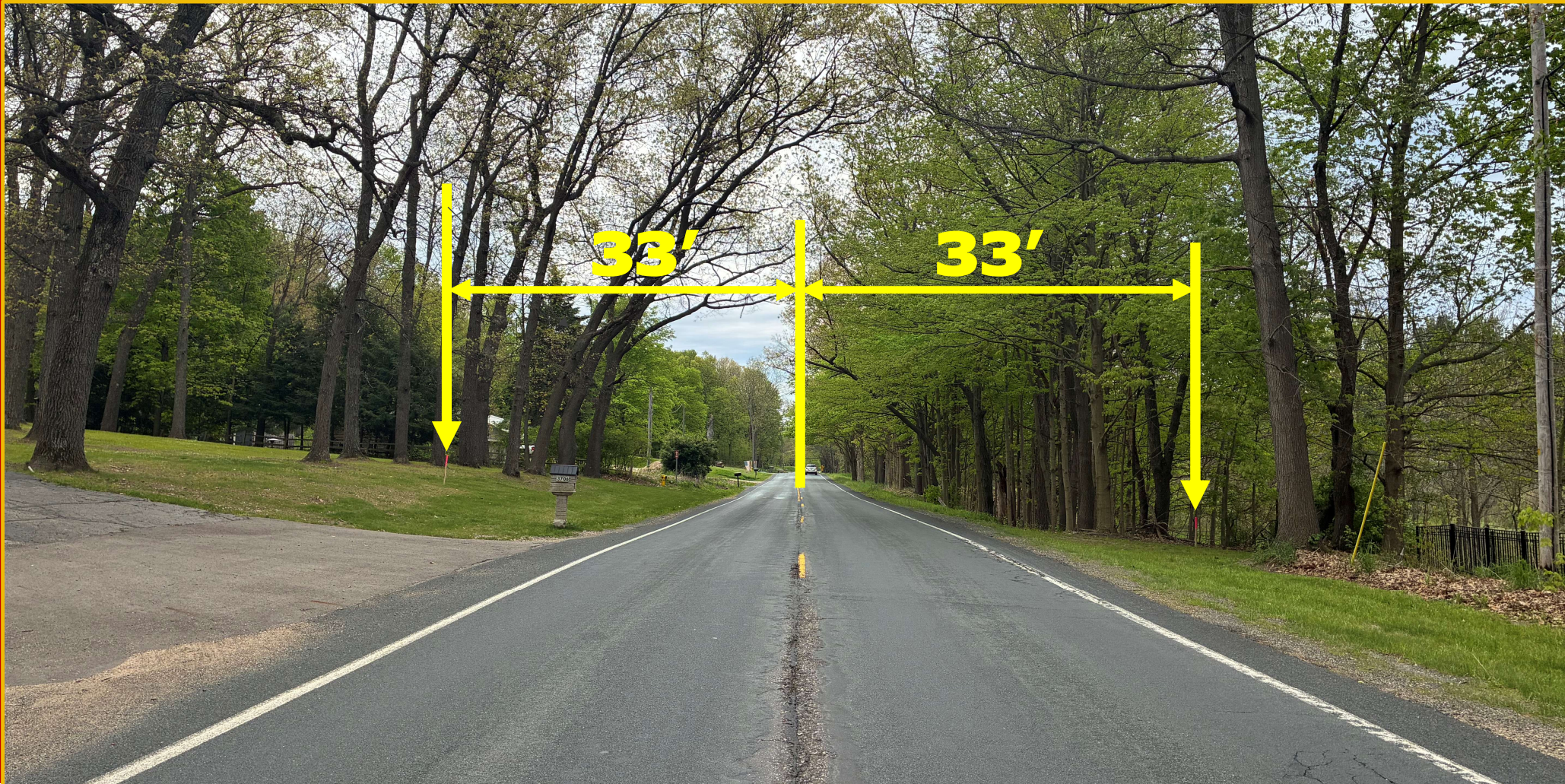
**32nd / 33rd Street:
M-96 to DE Avenue**

Project Scope: Trees (32nd/33rd St)

Reducing Serious Crashes

- **Roadside trees significantly increase the severity of lane departure crashes**
- **Since 2020:**
 - **22 Lane departure crashes (tree related)**
 - **1 fatality, 1 severe injury, 4 moderate injuries**
 - **8 Lane departure crashes (not tree related)**
 - **1 fatality**

Project Scope: Trees (32nd/33rd St)



Project Scope: Trees (32nd / 33rd St)



Project Scope: Trees (32nd / 33rd St)



Trees will be removed



Project Status

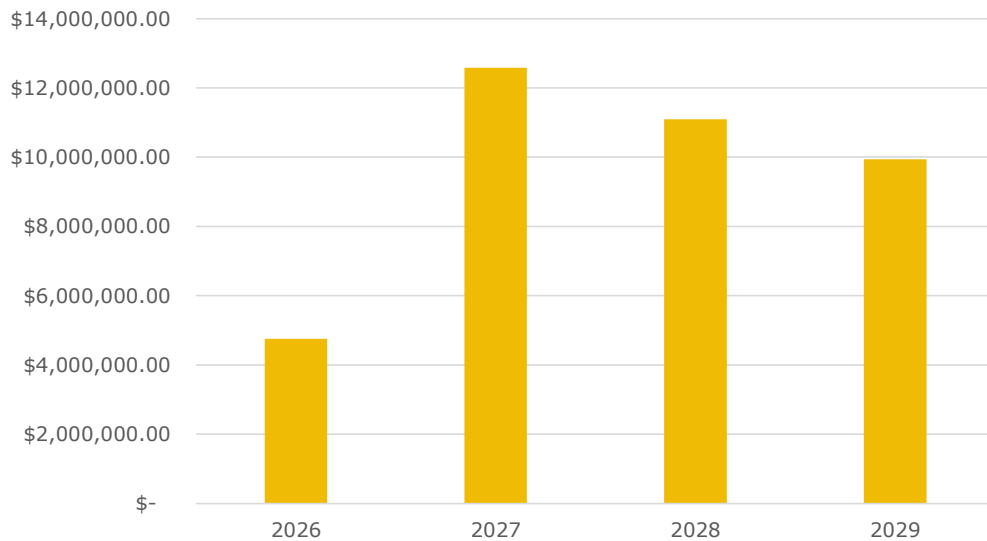


Current Progress:

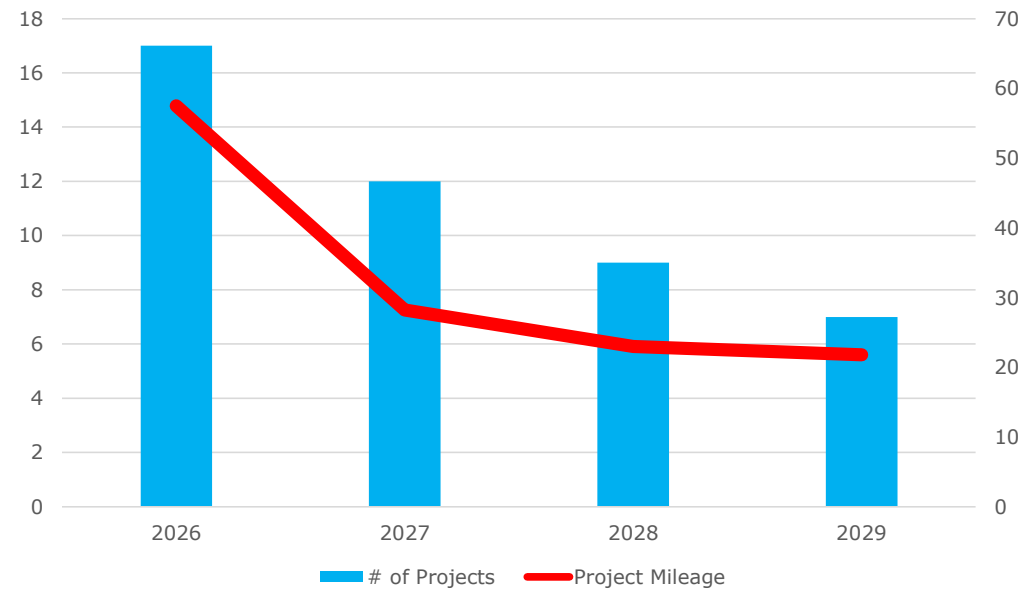
- Preliminary Design Phase
 - ✓ • Pavement Cores & Soil Borings
 - ✓ • Updated Project Estimates
 - ✓ • Road Survey
 - Tree Survey
 - Environmental & Historical Clearances
- Final Design
- Construction

Project Timeline

Estimated Cost Per Year



Projects Per Year



2026 focuses on lower-cost, high-mileage improvements, followed by major paving work in 2027 & 2028.



What is Next?

Pending FHWA approval of Environmental & Historical clearances...

- Bid documents and bidding (trees, rumble strips, pavement marking, fog seal)
- Design starting for reconstruction/widening projects
- Phase 1 tree letters out in July
- Rumble Strip, pavement marking in Aug/Sept (57.5 miles)
- Trees starting in October
- HMA Bid in Nov/Dec





**THANK YOU!
QUESTIONS?**



