



# Michigan Avenue Road / Dry Valley Road Corridor Study

**Project Symposium**

December 19, 2022

# Welcome

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- A word from our Mayor



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# Project Team



## Stantec

Mike Rutkowski, Project Director  
Timothy Tresohlavy, Project Manager



## Cleveland / MPO

Greg Thomas, Transportation Director



## TDOT

Chanel Hippix, Long Range Planning  
TDOT Region 2



# Timeline / PWP Review

10-12-month  
time frame

WE ARE HERE!



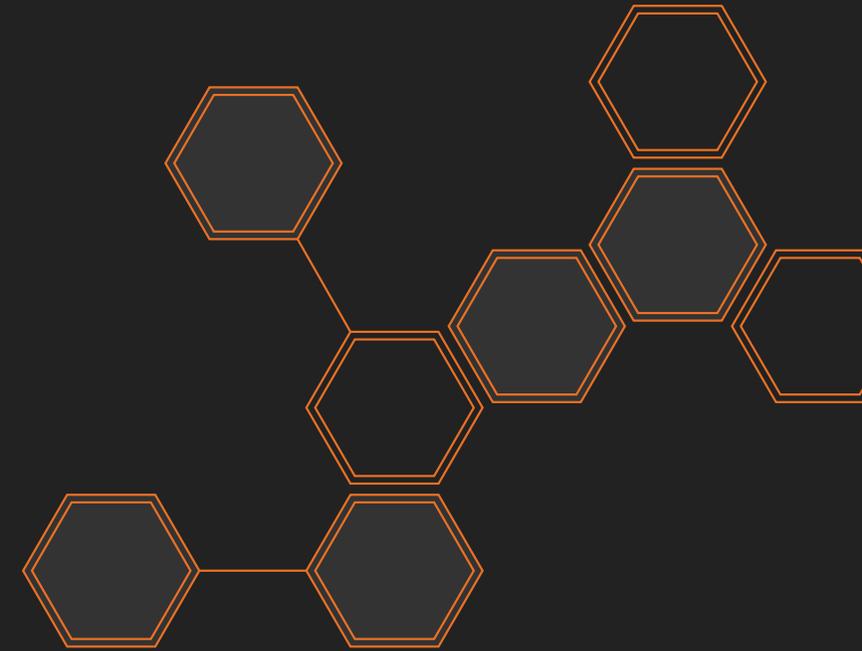
- ✓ Existing Conditions
- ✓ **Public Outreach – Round #1**
- ✓ Goals and Objectives

- Issues & Opportunities
- Evaluation Matrix
- **Public Outreach – Round #2**

- Locally Preferred option(s)
- Draft / Final Plan

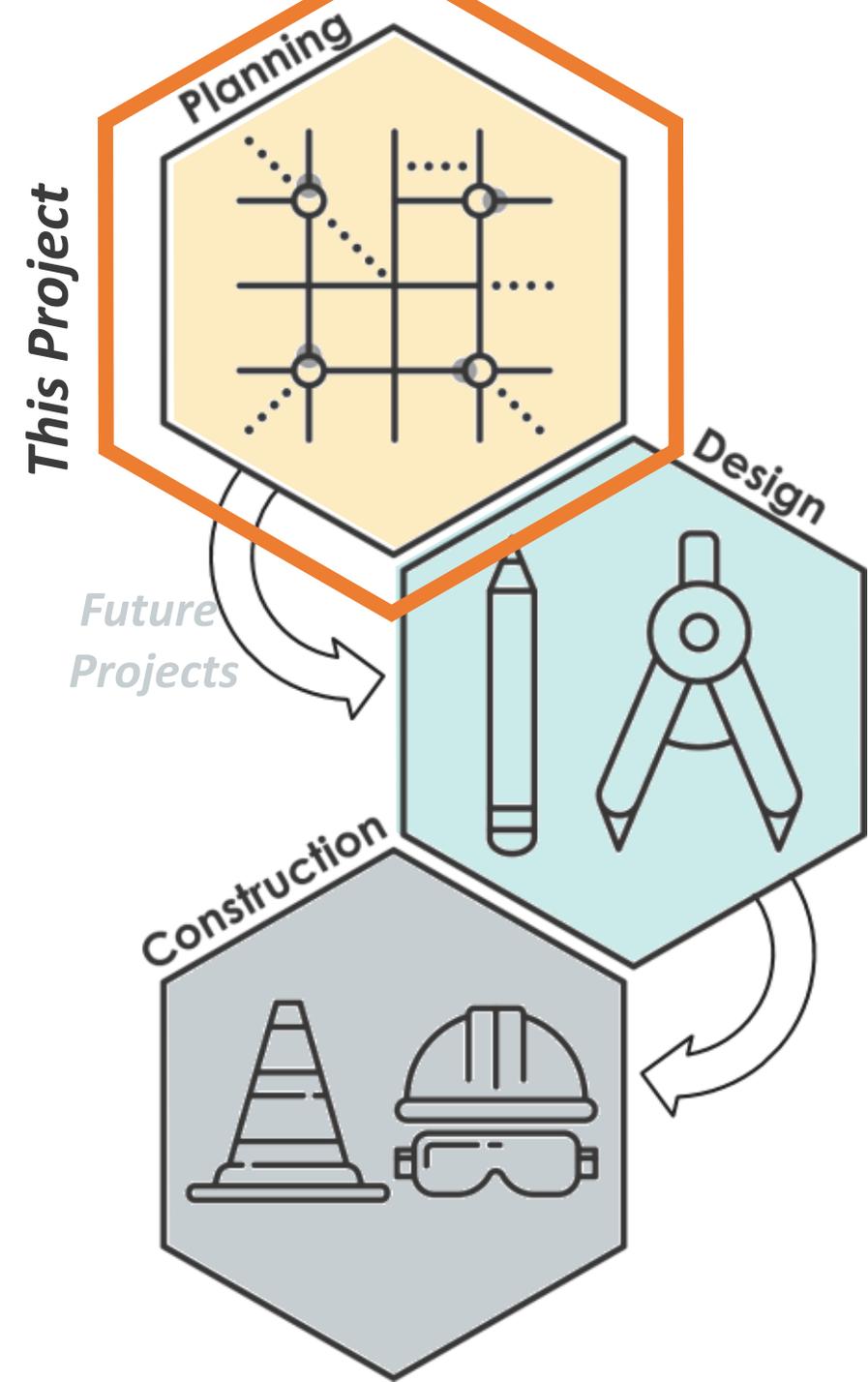


# WHAT IS A CORRIDOR STUDY?



# What is a Corridor Study?

- **Purpose is...**
  - Examine DATA and COMMUNITY needs
  - Involve the public
- **Outcomes are...**
  - Document everything!
  - Identify a locally-preferred strategy
  - Prepare for Phase 2 – Design Engineering





# WHY ARE WE HERE?!



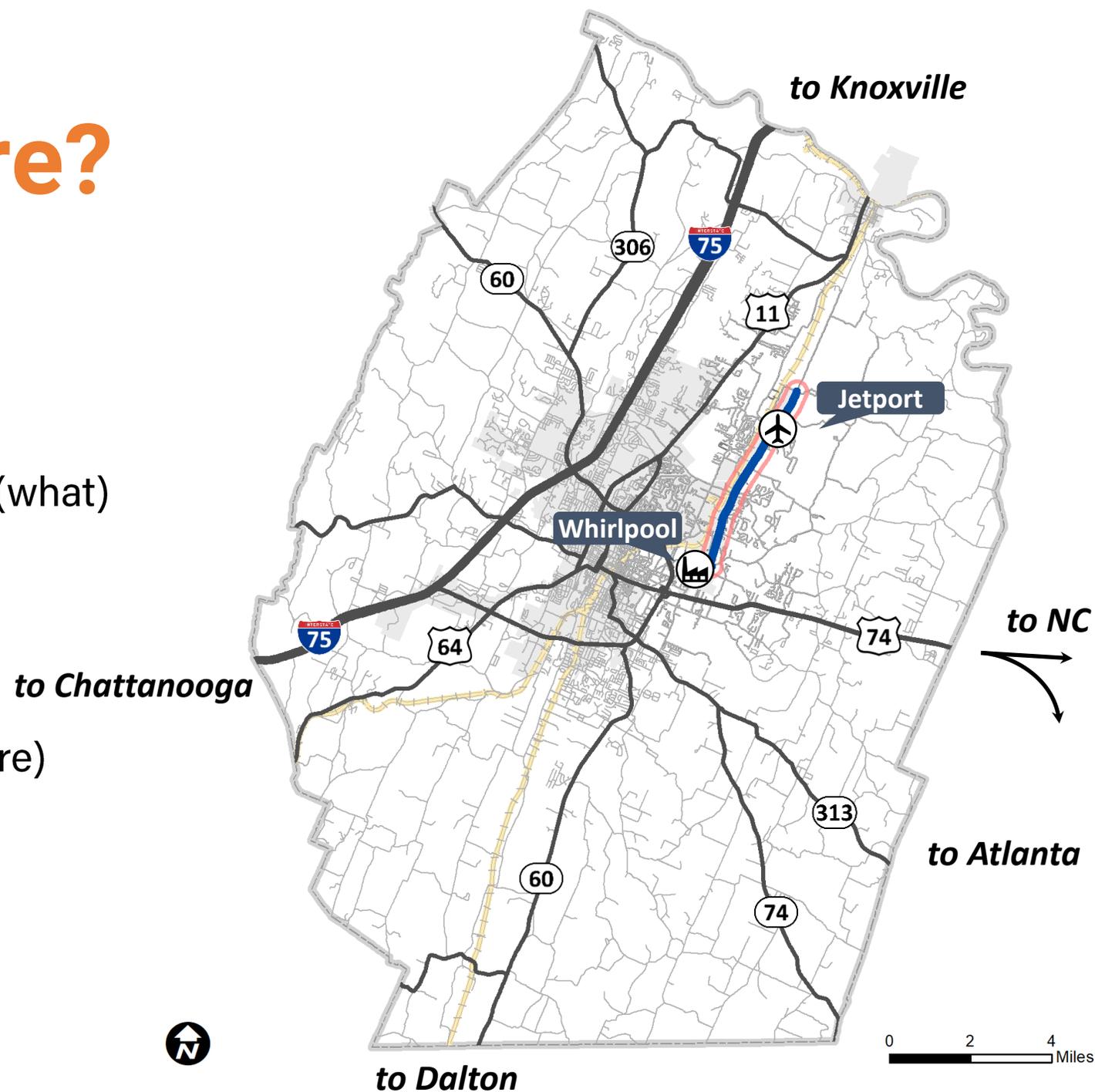
# Why Are We Here?

## *Purpose is...*

- Provide some context (why)
- Confirm or reject initial observations (what)

## *Outcomes are...*

- Feedback on **your issues** (what, where)
- Share links with your friends/family

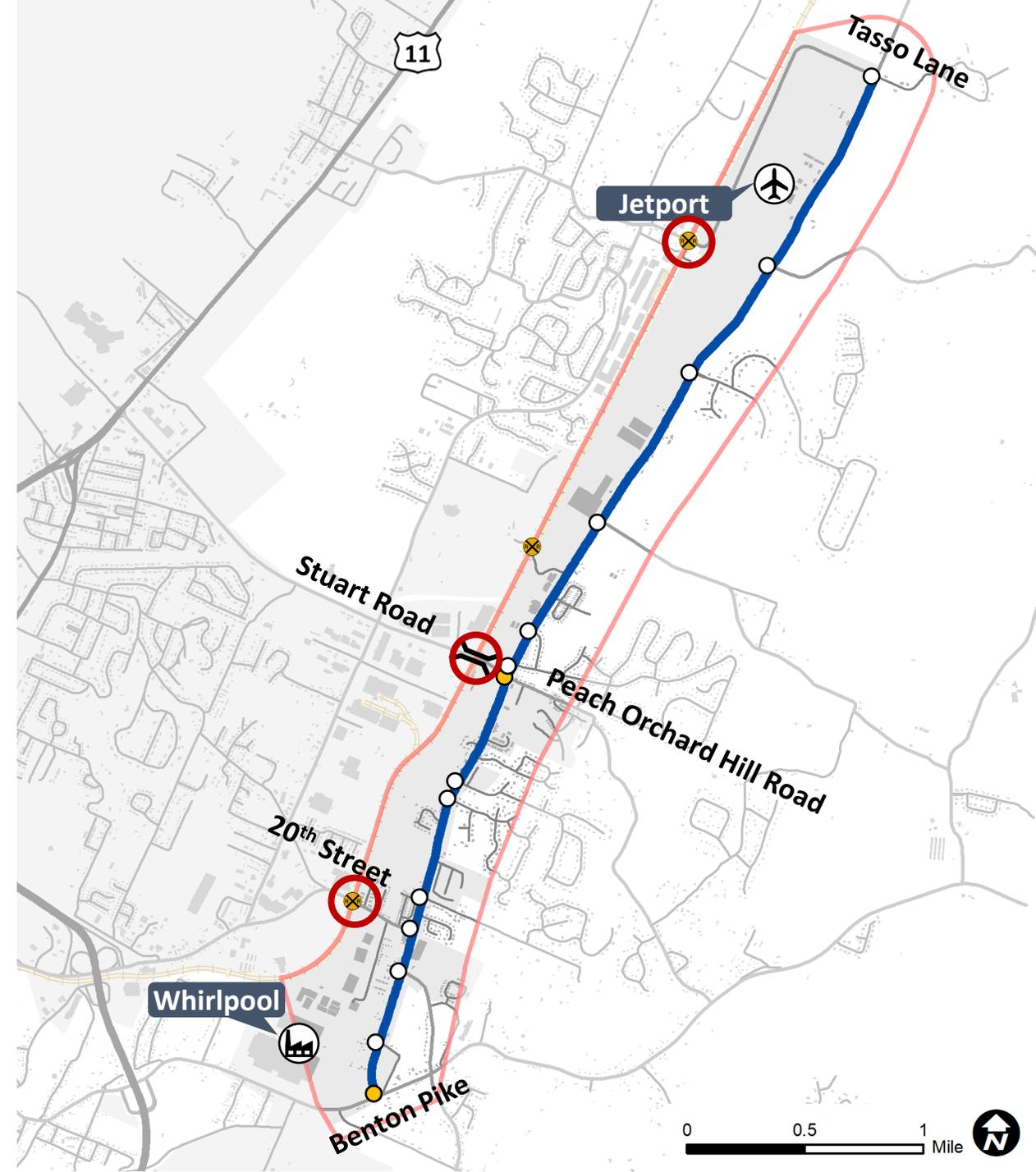


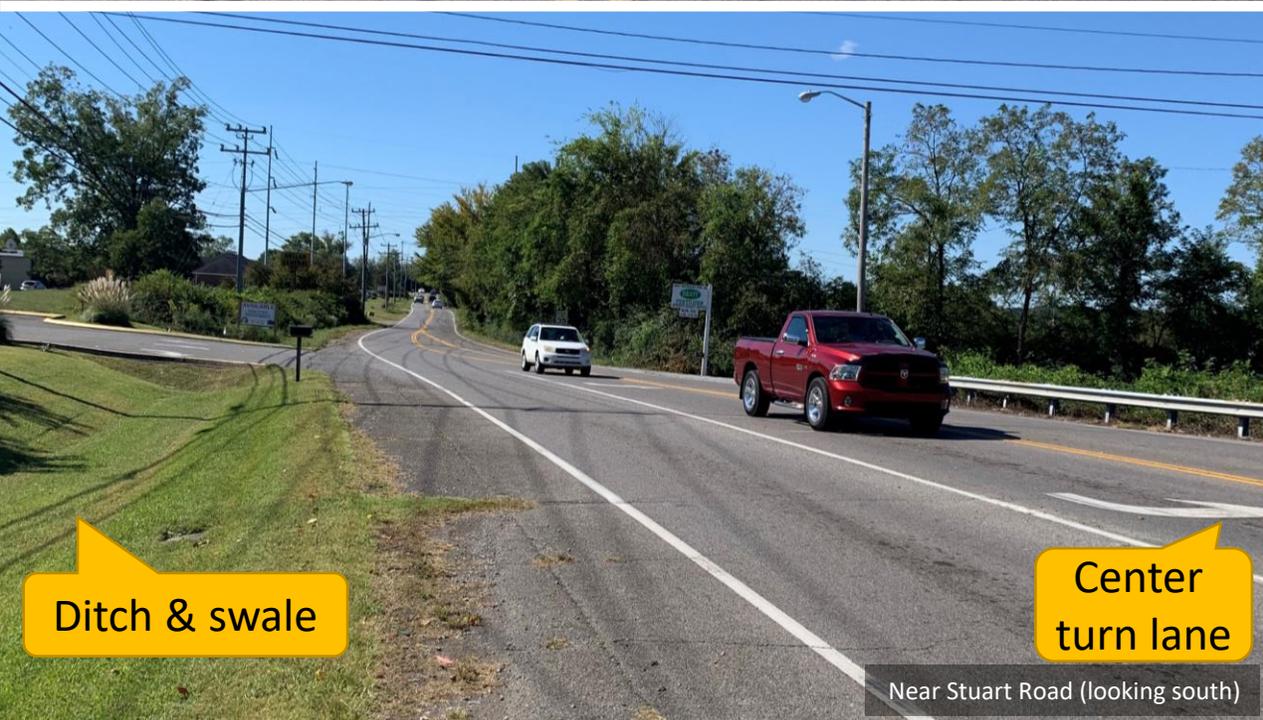
# Corridor Background

## City/County-maintained road

- Portions within City/County
  - City of Cleveland
  - Bradley County
- Classified as **Minor Arterial**

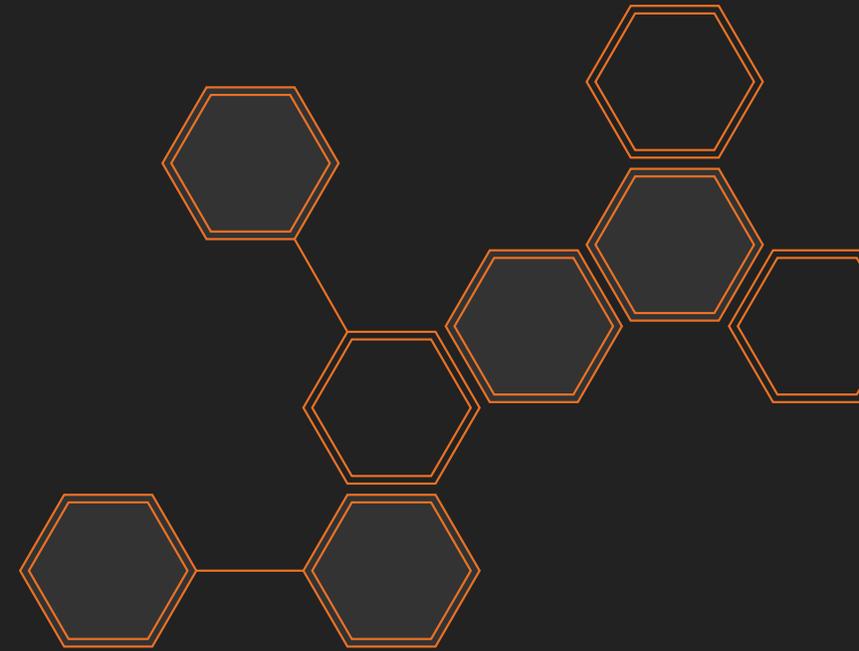
**5-miles** Benton Pike to Jetport





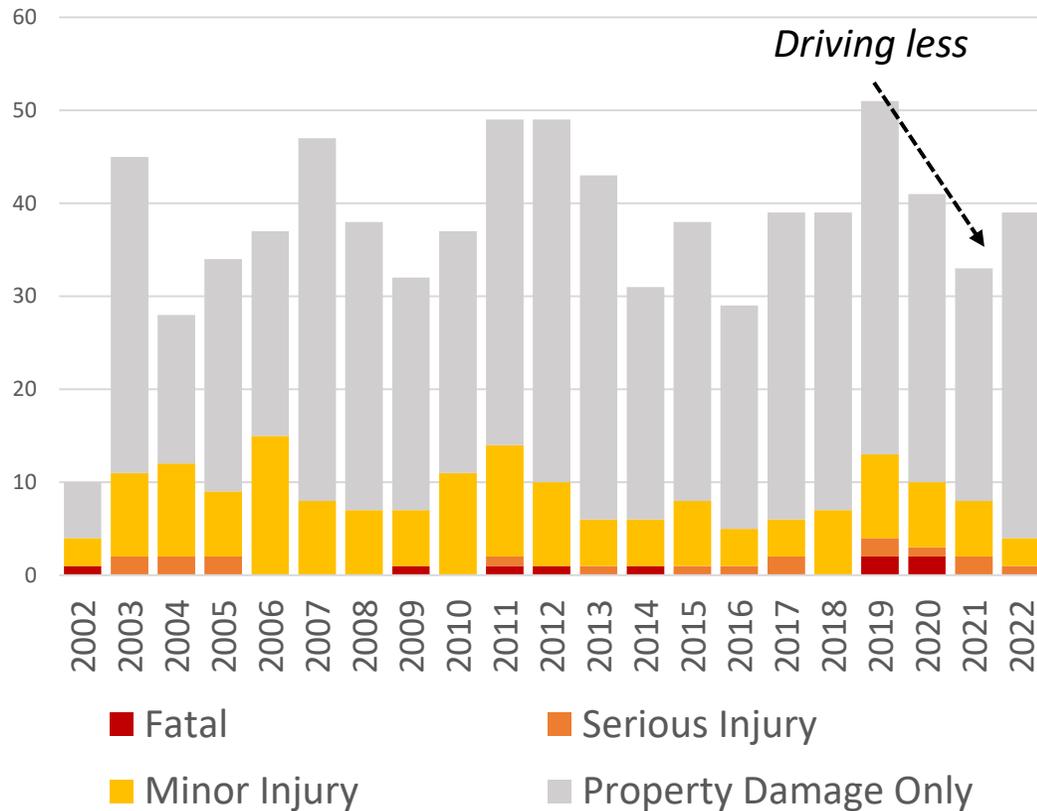


# WHAT DOES THE DATA TELL US?

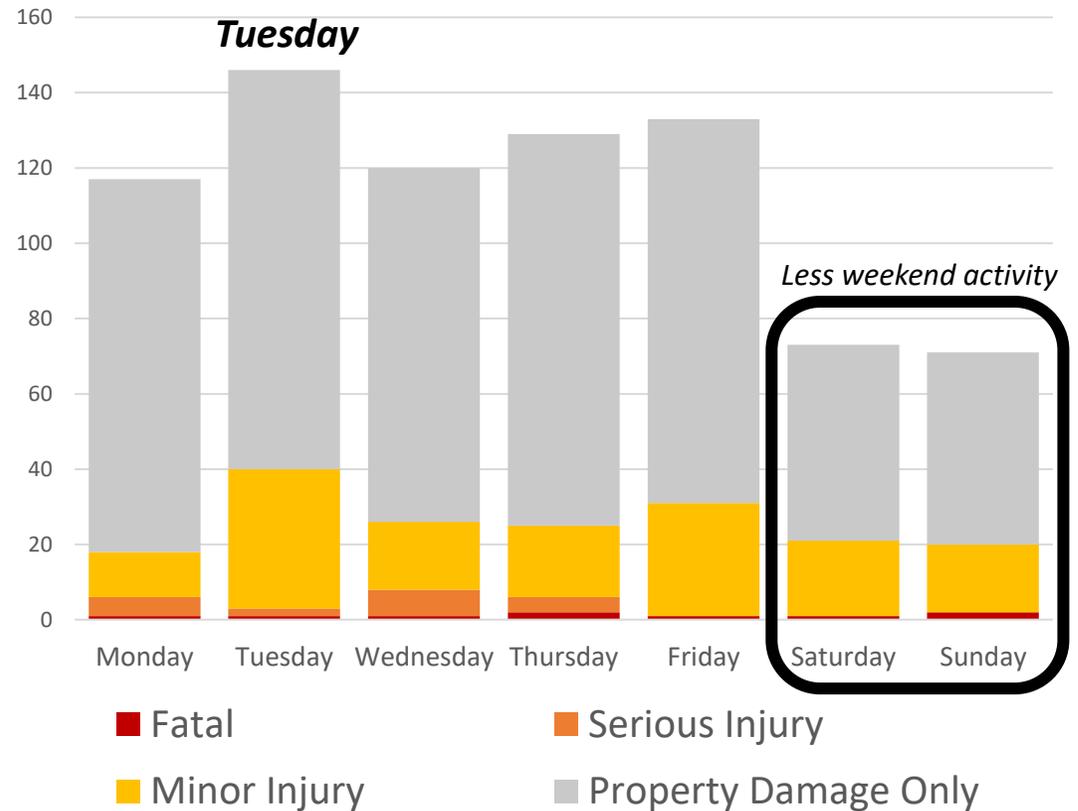


# Crash Data

## Crash Trends (20-years)



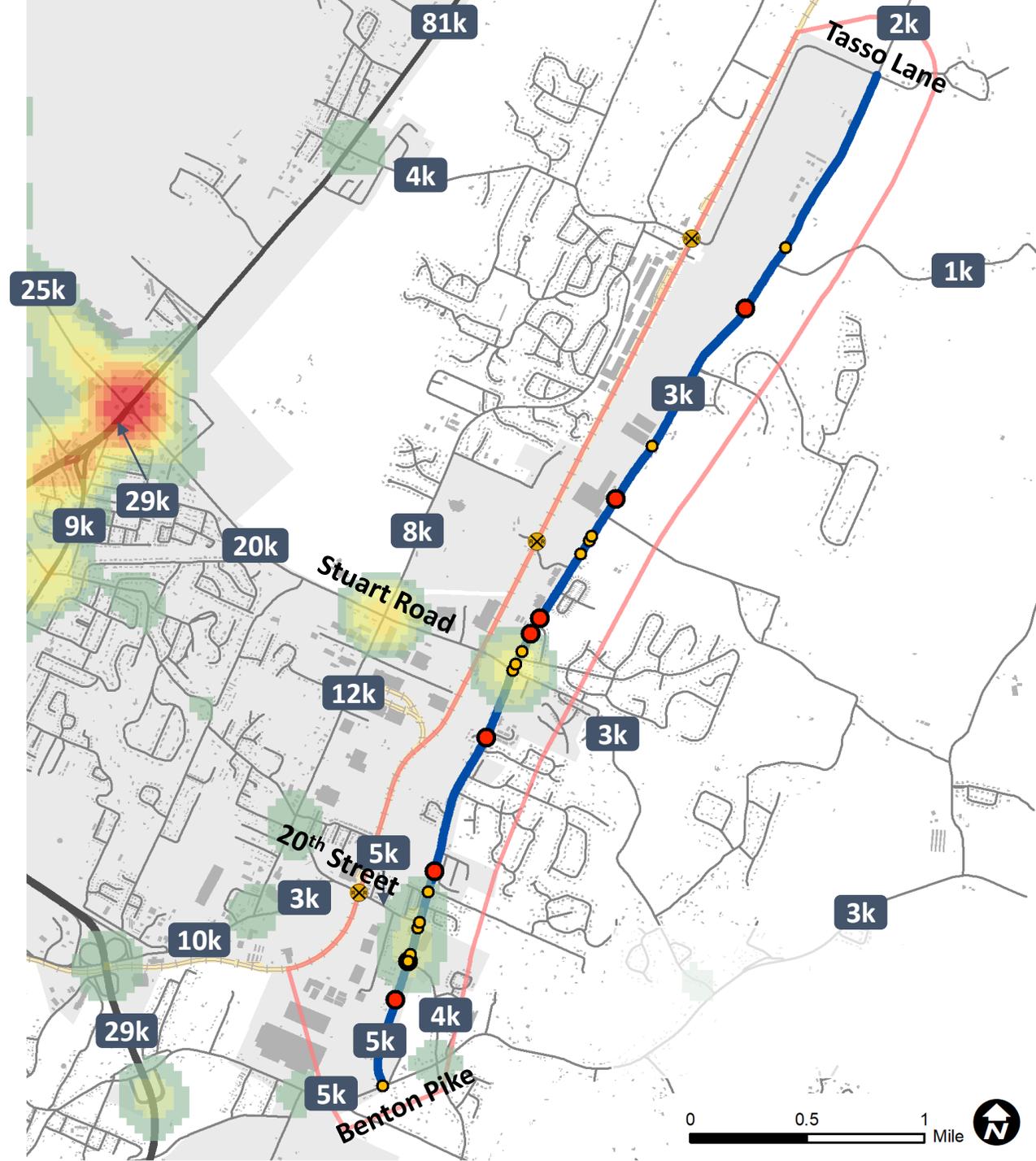
## Crashes by Day of the Week



# Corridor Background

How well does it *function*?

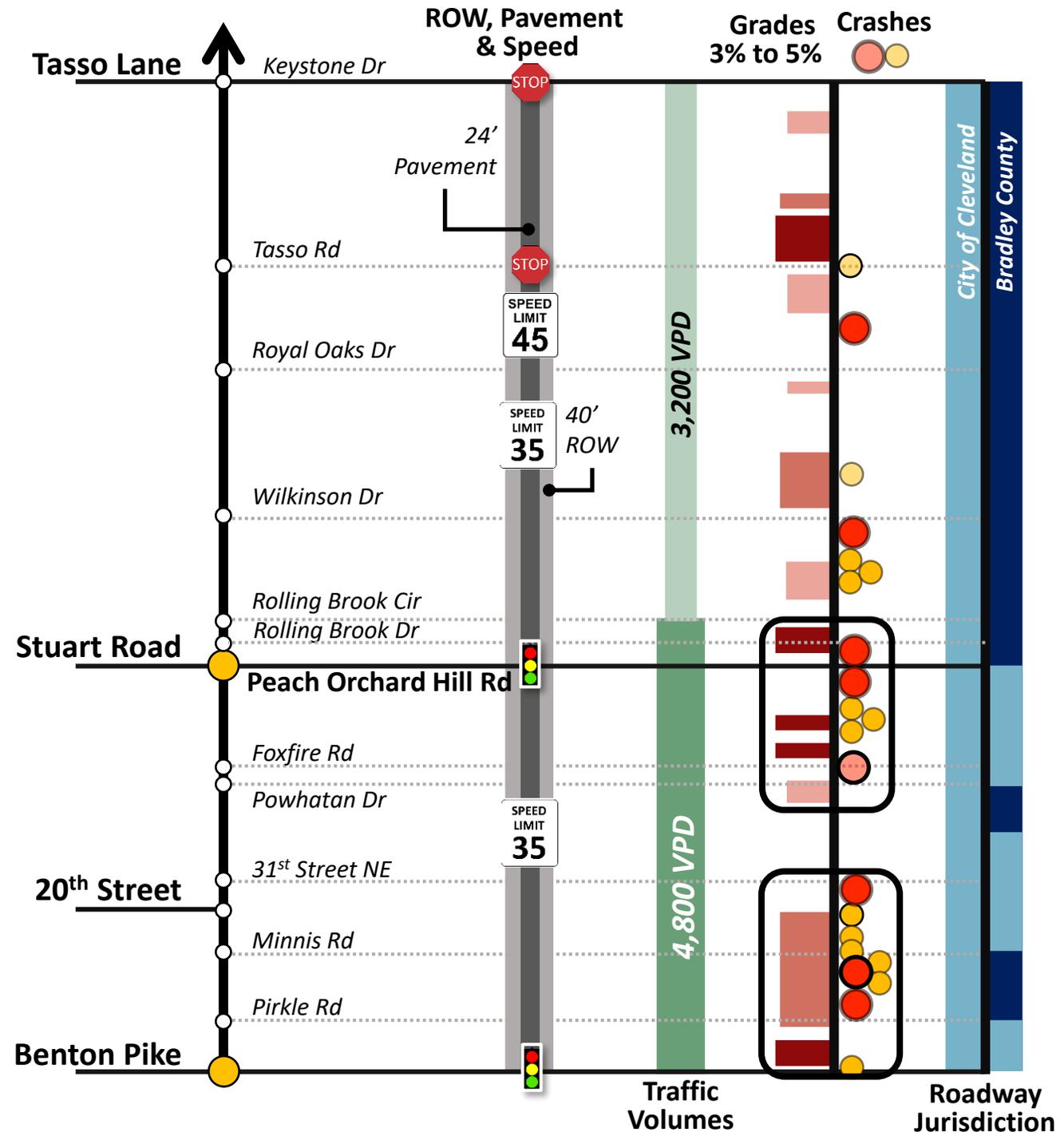
- Traffic volumes
  - 3,200 to 4,800 vehicles per day
- Crashes
  - Clusters of crashes near **20<sup>th</sup> Street, Stuart Road**



# Summary

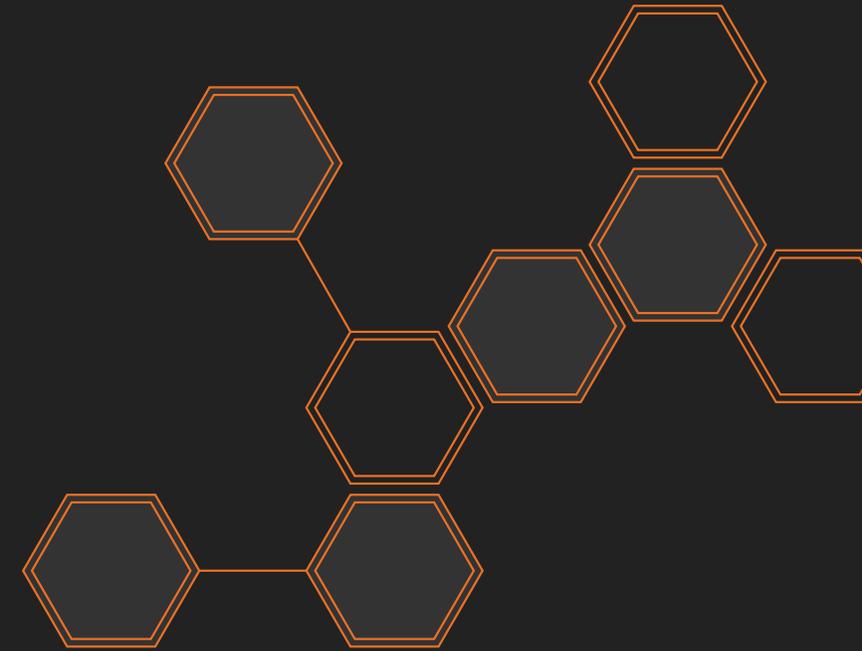
## Major constraints

- **No shoulders**
- Narrow right-of-way (40-42')
- **Topography challenges**
  - *Grades +5%*
  - *Visibility issues*
- **Electrical utilities**
  - Transmission line (Stuart Rd)
  - Substation (Jetport)





# WHAT DO THE PEOPLE TELL US?





# You've Told us About...

- 33** Intersection Safety Issues
- 16** Roadway Safety Issues
- 11** Pedestrians / Bicycle Issues
- 21** Other Comments

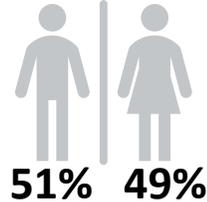
**81** *Comments total*



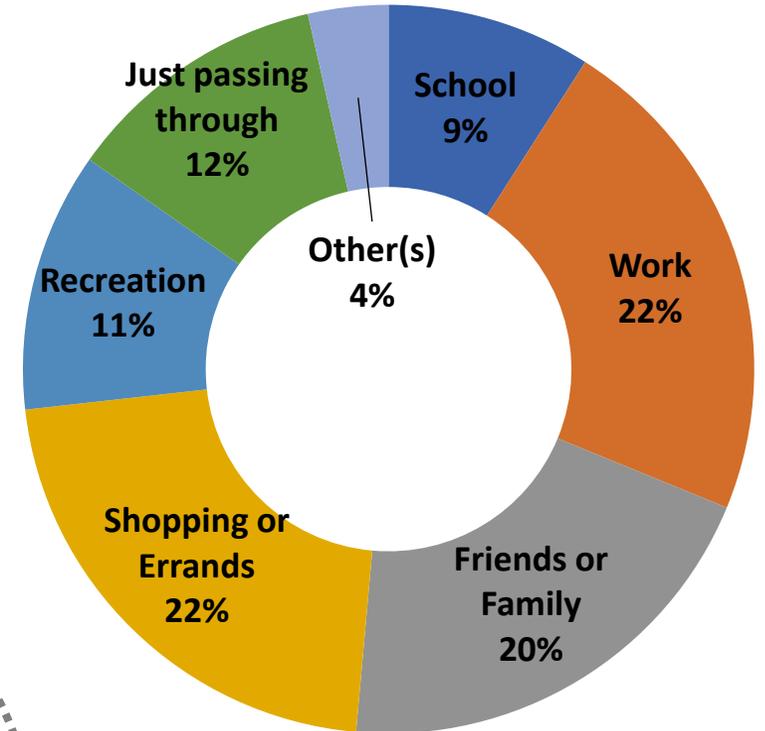
# Online Survey



Survey respondents to date



## What destinations are you visiting?



## Do you have access to...



100%



49%

## Primary Issues for this corridor

1. No shoulders
2. Narrow lanes
3. Traffic congestion
4. Lack of turn lanes
5. Poor sight distances

## How frequently do you travel Michigan Ave Rd?

- 61% Daily
- 36% Often (1-4 times per week)
- 3% Infrequently

How SAFE do you feel while...	Very Unsafe	Unsafe	Neutral	Safe	Very Safe
Driving during the day	5%	29%	39%	22%	5%
Driving at night	16%	37%	29%	15%	2%
Walking during the day	78%	15%	4%	1%	2%
Walking at night	92%	4%	1%	0%	2%
Biking during the day	70%	20%	8%	1%	2%
Biking at night	88%	5%	5%	0%	2%

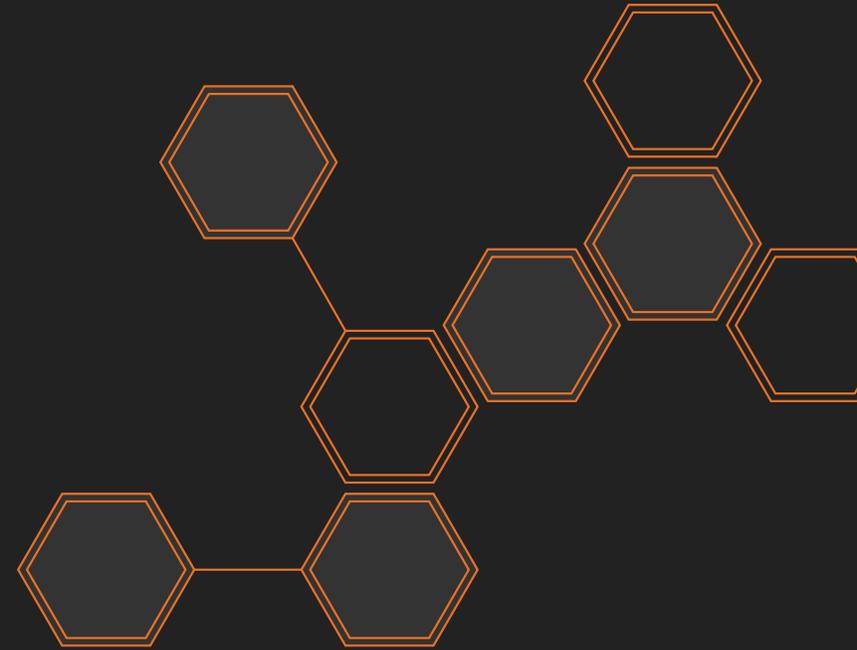
How Important are the Following Improvements...	Low	Neutral	High
Adding / widening shoulders	7%	15%	78%
Adding more lanes	16%	28%	57%
Traffic signals at intersections	15%	28%	56%
Sidewalks (or sidepaths)	27%	28%	45%
Slowing traffic	27%	39%	34%
Adding curb & gutter to improve drainage	23%	48%	30%
Bicycle facilities (bike lanes)	34%	36%	30%







# NOW ITS YOUR TURN





**Who our audience is**



**Issues you experience**



**Suggestions for improvement**



# Describe YOURSELF.

Choose all that apply.

18%

A. **Resident** on or near corridor

-

B. **Business owner** on or near corridor

5%

C. An **employee** who works on or near corridor

36%

D. Interested **citizen**

32%

E. **Elected official** or policy-maker

9%

F. Other(s) (chat box)



# How LONG have you lived here?

Choose one (1).

- A. Less than a year
- B. 1 to 5 years
- 8% C. 6 to 10 years
- 75%** D. 11 years or more
- 17% E. I'm a Cleveland native
- F. n/a – I don't live here!



# How **OFTEN** do you use Michigan Ave Rd?

Choose one (1).

25%

A. Daily

33%

B. Weekly

42%

C. Monthly

-

D. Yearly

-

E. I never use Michigan Ave Rd



# What are the PROBLEMS facing Michigan Ave Rd?

Choose up to three (3).

32%

A. Safety (speeding & crashes)

8%

B. Traffic congestion

3%

C. Pavement maintenance

24%

D. Narrow lanes & missing shoulders

16%

E. Missing sidewalks &/or biking facilities

16%

F. Development

-

G. Other(s) (Chat Box!)



# What's the biggest SAFETY issue along the corridor?

Choose up to three (3).

- 22% A. Speeding vehicles
- 3% B. Freight traffic (big trucks)
- 3% C. Poor lighting
- 25% D. Poor sight distances
  - (tight turns, steep grades)
- 3% E. Crashes
- 14% F. Dangerous / No turn lanes
- 14% G. Walk / Bike along the road
- 11% H. Missing shoulders
- 6% I. Other(s) (Chat Box!)



Thinking more long term...

# By 2040, Michigan Ave Rd will have **MORE...**

Choose up to three (3).

- 26% A. Freight / manufacturing
- 31% B. Residential / mixed use
  - o (medium density)
- 6% C. Neighborhood retail
  - o (grocery, pharmacy)
- D. Restaurants
- 11% E. Single-family residential
- 26% F. Recreation activities / parks
- G. Other(s) (Chat box!)



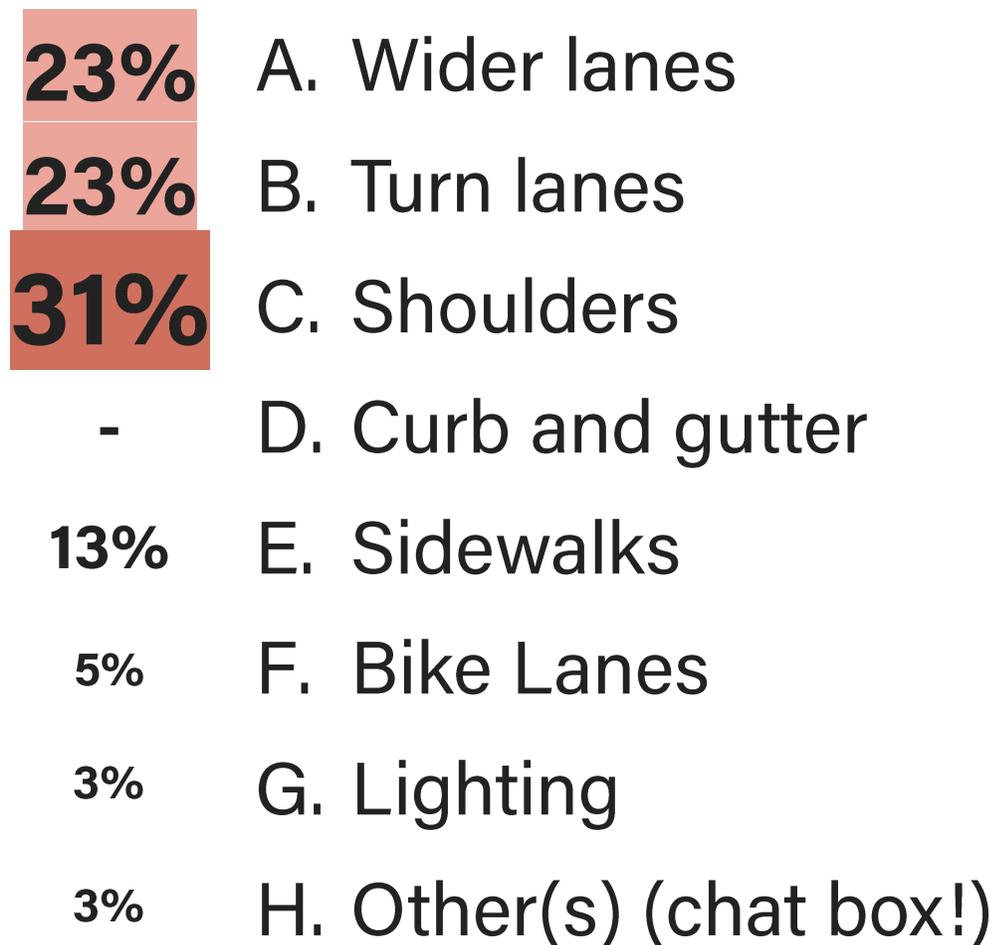
Which  
*strategies* are  
**MOST**  
important to  
you?

Choose up to three (3).

- 31% A. Reducing **crashes**
- 20% B. Slowing **speeds**
- 9% C. Reducing **congestion**/delay
- 3% D. Improving pavement **maintenance**
- 14% E. Making the corridor **safer for walking and biking**
- 20% F. Making it safer to **turn**
- 3% G. Improving **traffic signals**
- H. Other(s) (Chat Box!)

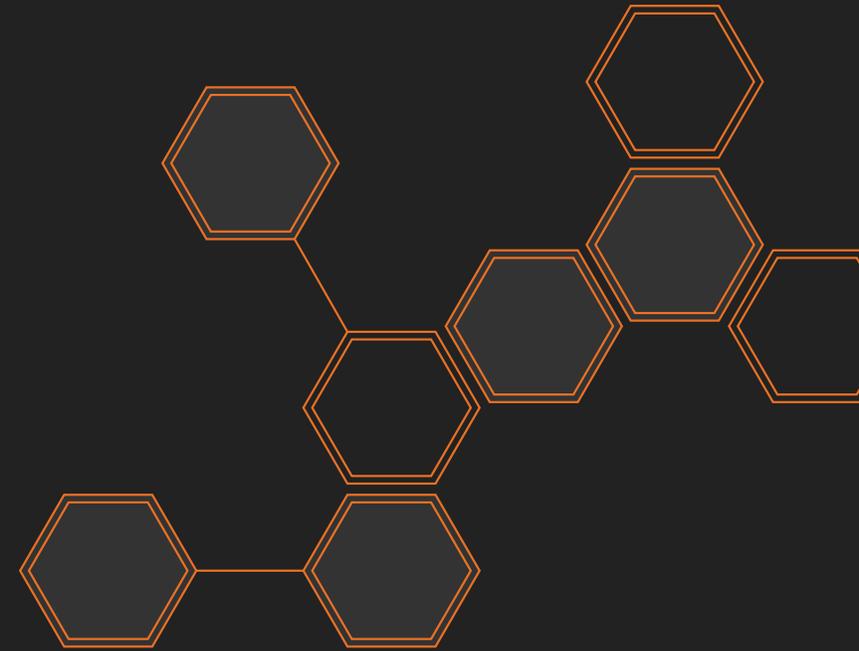


If we asked *future residents*, what would they be most thankful for?  
Choose up to three (3).





# ANYTHING WE'VE MISSED?



# Reminder

## **Project Website:**

[www.clevelandtn.gov/703/Michigan-Avenue-Road-Corridor-Study](http://www.clevelandtn.gov/703/Michigan-Avenue-Road-Corridor-Study)

- Online Survey
  - Interactive Map
- 
- Share this link with your friends, family, and colleagues

**THANK YOU**



# CLOSING REMARKS?

