



# Revive275

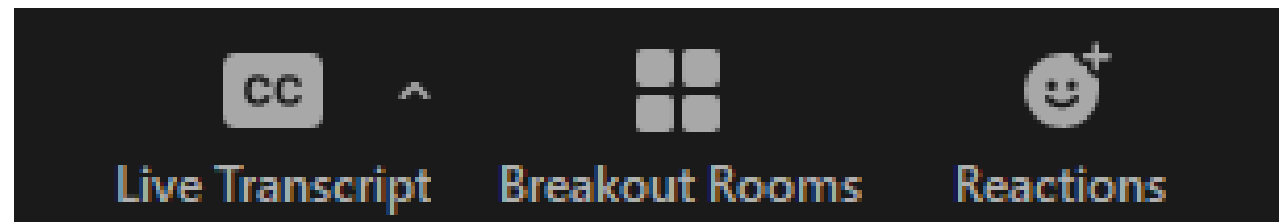
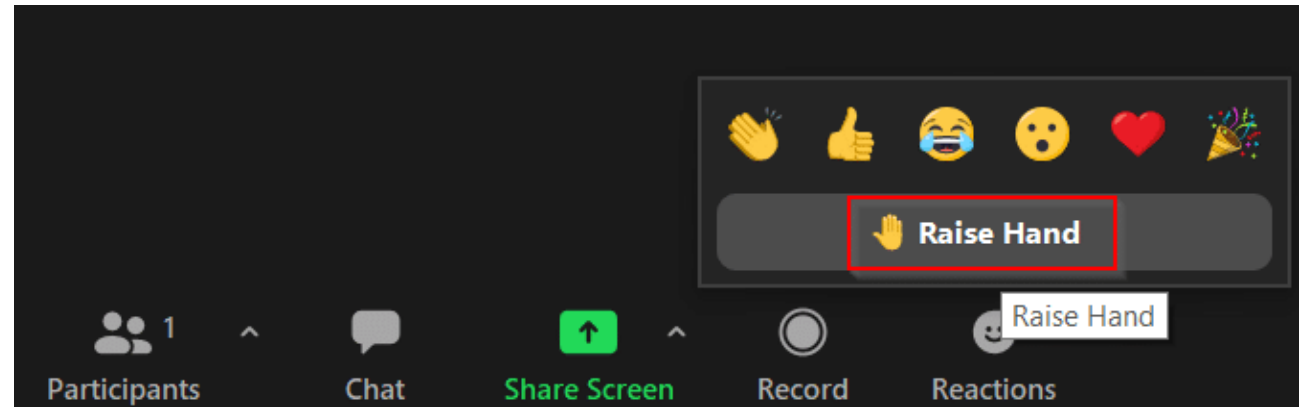
Will Carleton Road to 6 Mile Road

THIS SESSION WILL BEGIN SOON AND IS BEING RECORDED.



# Introductions

- If you would like to speak when we open the floor to comments and questions, please use the "Raise Hand" feature
- Closed Captioning is available throughout the presentation through the "Live Transcript" feature



# Title VI of the Civil Rights Act

Title VI of the Civil Rights Act of 1964 requires MDOT to provide the opportunity for everyone to comment on transportation programs and activities that may affect their community.

Please take the three-question survey found in the chat box.

You can help MDOT comply with Title VI and related statutes, which require the collection of statistical data to aid in assessing MDOT's outreach efforts among those who are affected or interested in this project.

# Introductions

- Jeff Horne – MDOT Project Manger
- Sean Kerley – Assistant MDOT Project Manager
- Mikki Taylor-Hendrix – Moderator

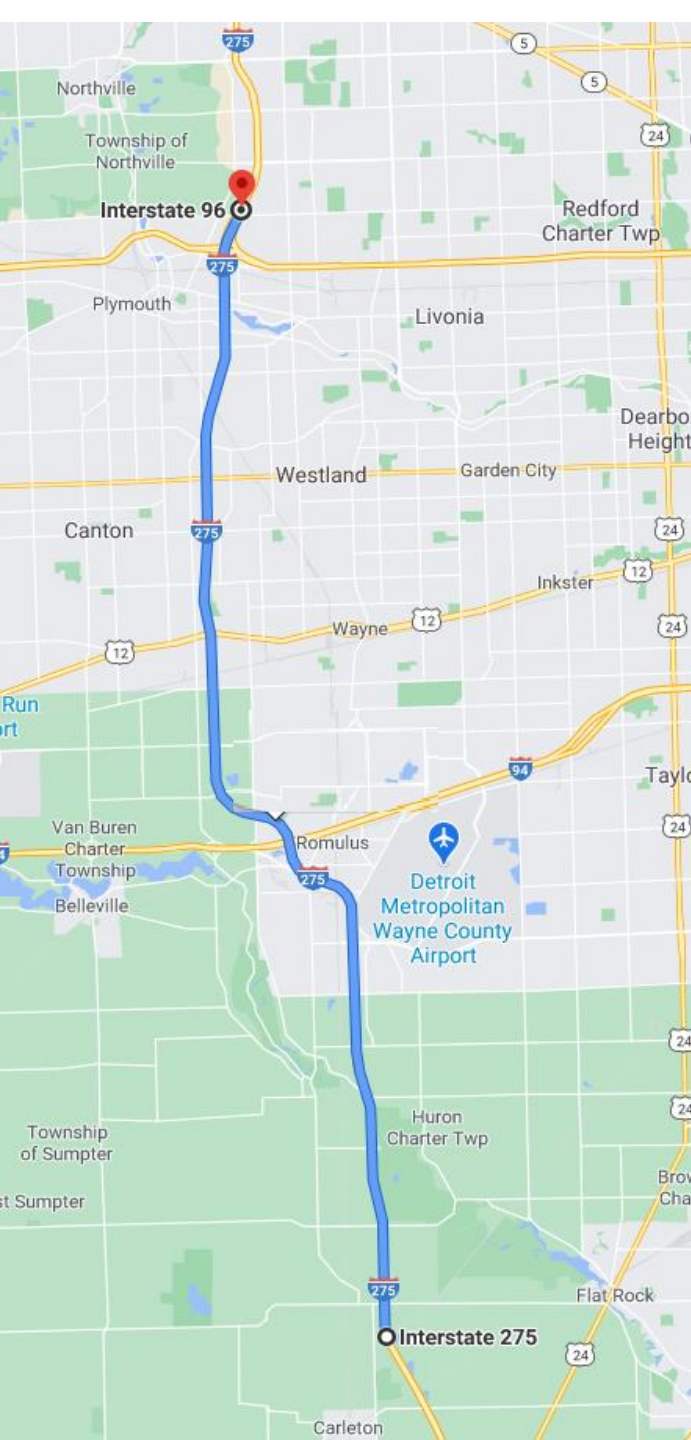
# Rebuilding Michigan Corridors

## I-275 (from Will Carlton Road to 6 Mile Road) is a Rebuilding Michigan corridor

- Rebuilding Michigan corridors are part of the Rebuilding Michigan bond program focused on state highways and bridges that are critical to our economy and carry the most traffic.
- Rebuilding Michigan corridors will be designed and constructed as a single project.
- MDOT will environmentally review these corridors as single projects to identify any potential cumulative impacts.

For more information, visit [www.Michigan.gov/MDOT5YearPlan](http://www.Michigan.gov/MDOT5YearPlan) or contact MDOT Public Involvement Officer Monica Monsma at [MonsmaM@Michigan.gov](mailto:MonsmaM@Michigan.gov).





# I-275 Corridor

Will Carlton Road to Six Mile Road

- Up to 190,000 vehicles per day
- 24 mile project
- 65 bridges
- \$262 million
- Four-year project (2021 to 2024)



# Existing Roadway Conditions



I-275 is almost 50 years old.

Original concrete pavement has been paved over with asphalt.



## Existing Bridge Conditions



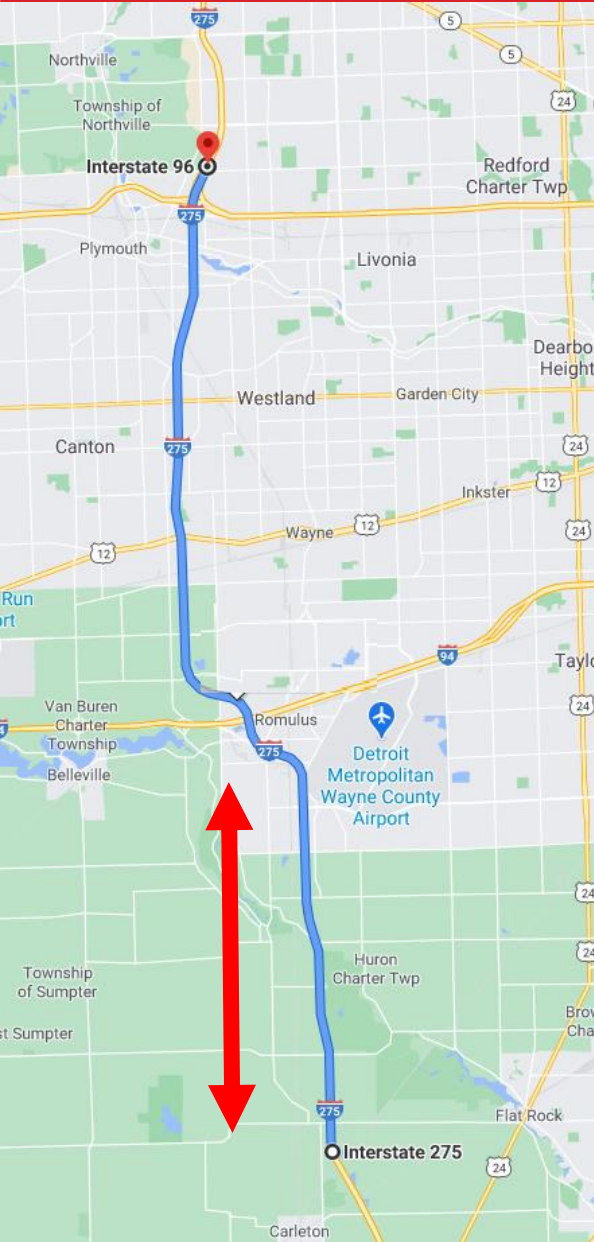
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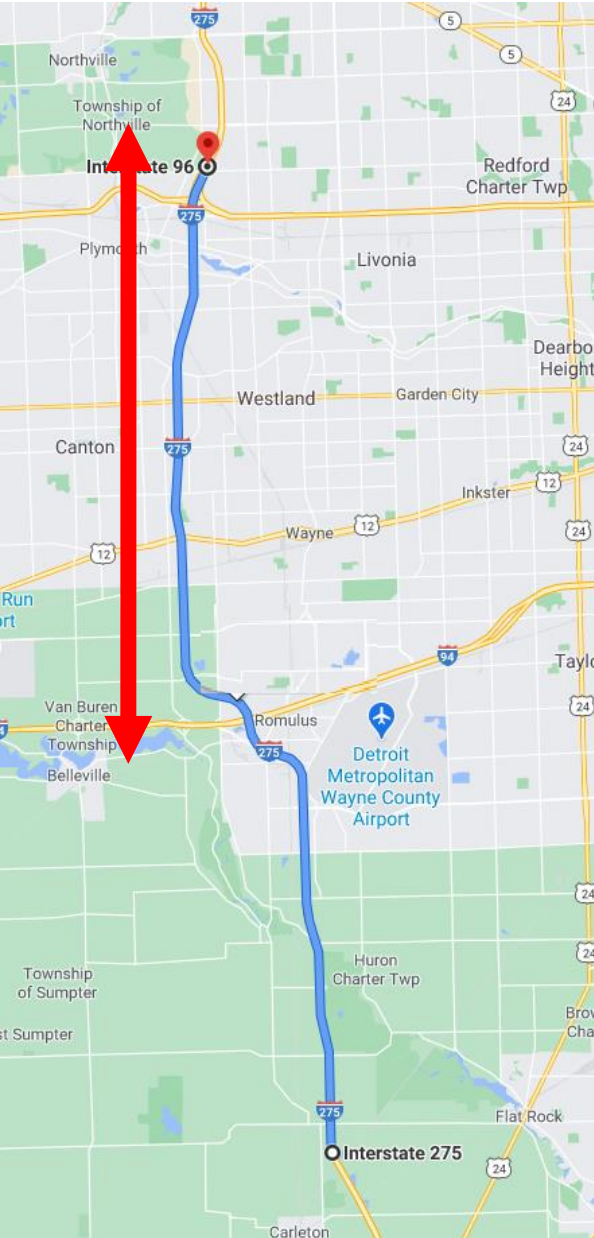
# Project Improvements - 2021 - 2023



- I-275 - Will Carlton Road to Northline Road
- NB and SB concrete pavement repairs
- Interchanges
  - Concrete pavement repairs
  - Asphalt resurface
- Bridge repairs for nine bridges



# Project Improvements 2021 - 2024

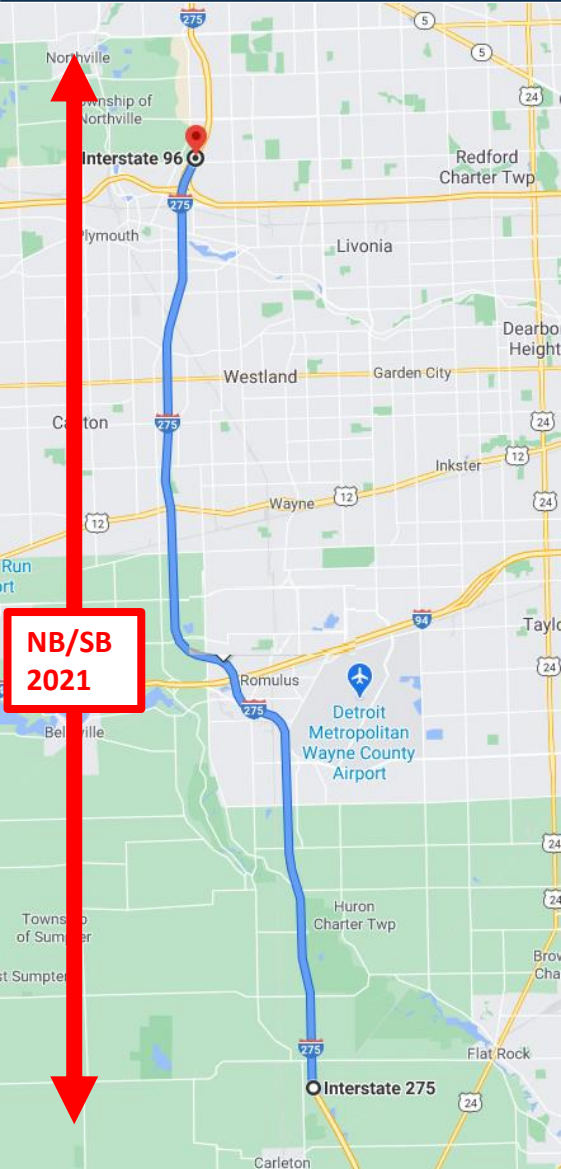


## I-275 - Northline Road to Five Mile Road

- Concrete pavement
- Drainage
- Signs
- Guardrail and cable barrier
- Intelligent transportation system (ITS)
- Traffic signals
  
- Bridge repairs for 56 bridges



# I-275 Corridor Timeline

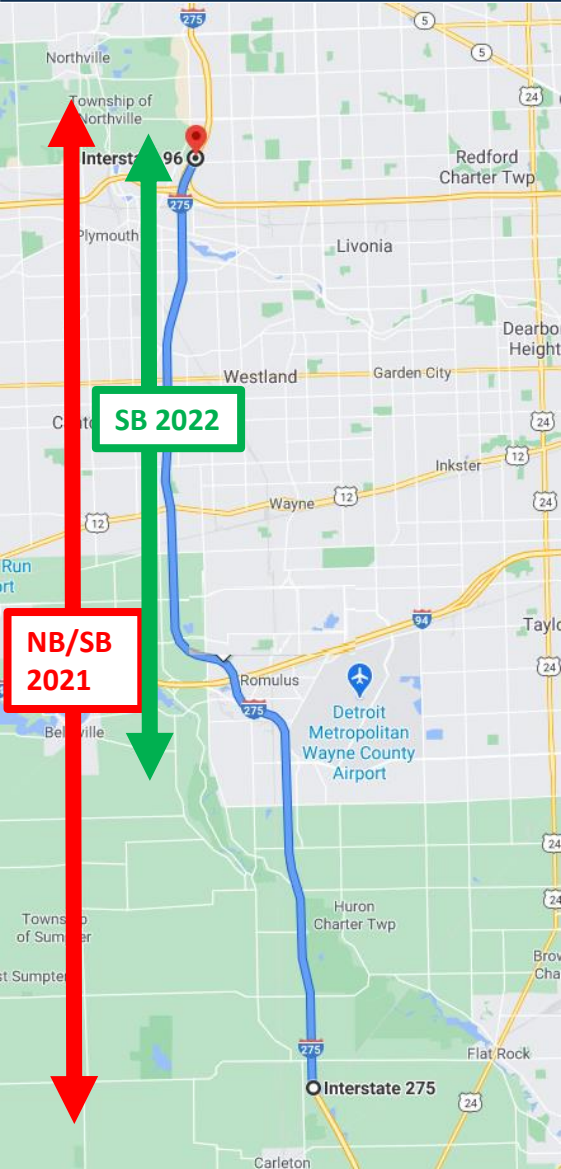


- **2021**

- I-275 (Will Carlton Road to Northline Road)
  - Repaired 10 miles of concrete pavement
  - Repaired 9 bridges
- I-275 (Northline Road to Five Mile Road)
  - Built 27 median cross overs
  - Widened NB I-275 shoulder
  - Repaired 8 bridges



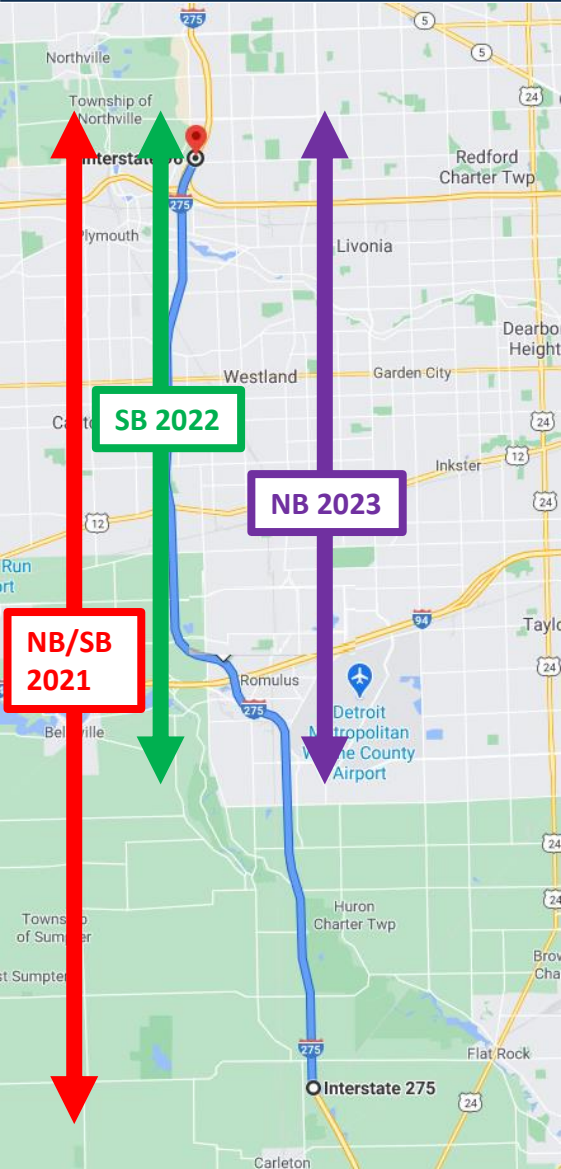
# I-275 Corridor Timeline



- **2021**
  - I-275 (Will Carleton Road to Northline Road)
    - Repair 10 miles of concrete pavement
    - One lane of I-275 open in each direction
  - I-275 (Northline Road to Five Mile Road)
    - Culvert replacements and temporary pavement
    - Two lanes of I-275 open in each direction
- **2022**
  - SB I-275 (Northline Road to Five Mile Road)
    - Rebuild 14 miles
    - Two lanes of I-275 open in each direction



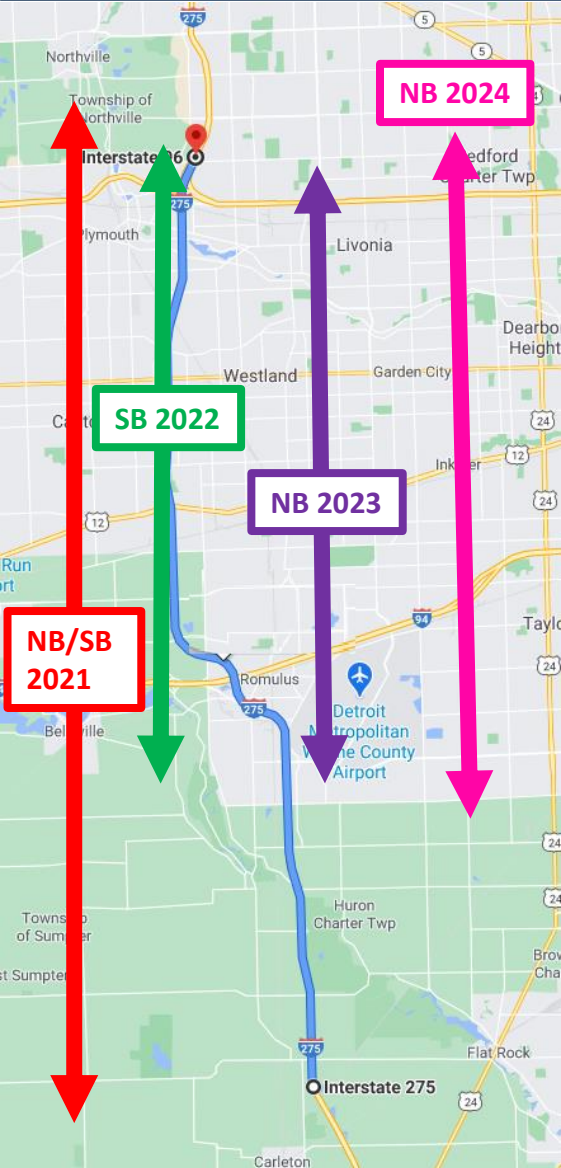
# I-275 Corridor Timeline



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  - NB I-275 (Northline Road to 5 Mile)
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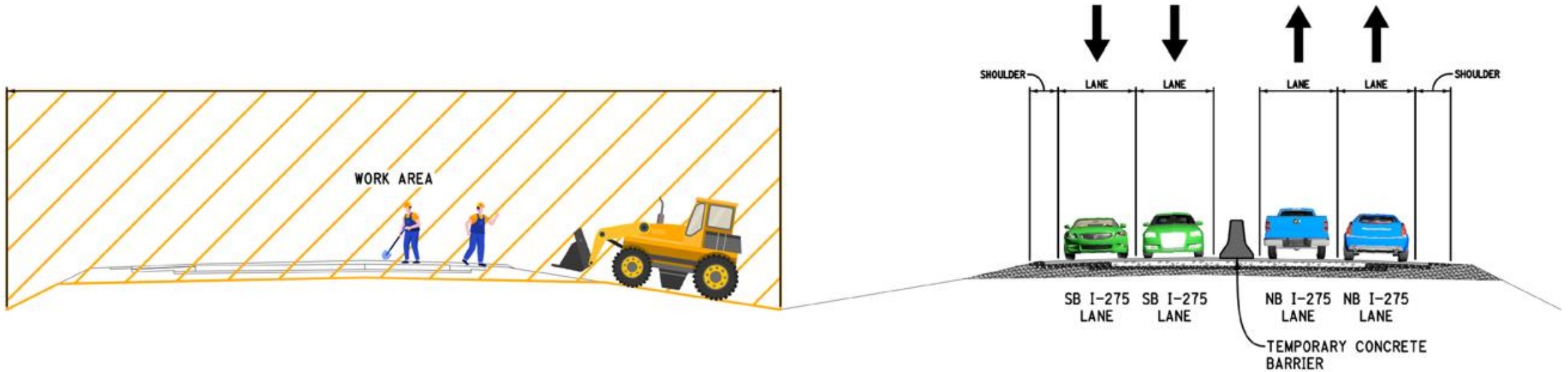
# I-275 Corridor Timeline



- **2021**
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  - I-275 (Northline Road to Five Mile Road)
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- **2022**
  - SB I-275 (Northline Road to Five Mile Road)
    - Rebuild 14 miles
    - Two lanes of I-275 open in each direction
- **2023**
  - NB I-275 (Northline Road to 5 Mile)
    - Rebuild 14 miles
    - Two lanes of I-275 open in each direction
- **2024**
  - NB I-275 (Northline to 5 Mile)
    - Remove all median x-overs
    - Landscaping & Restoration
    - Two lanes of I-275 open in each direction



# Maintaining Traffic – Full bound



- Full bound construction – Traffic is separated from the workers by 70’.
- This will be used in 2022 and 2023, except during winter shutdown.
- Access to all ramps will be maintained, except during construction
  - 2 - 60 days.

# Maintaining Traffic - Ramp Detours

- I-275 will remain open and will not be detoured.
- All interchange ramps will close for a period of time.
  - 2 days – 60 days.
- MDOT's intent is to maintain interchange access as much as possible.



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# Example of a median cross over



Example of a median cross over built to maintain ramp access

- SB I-275 to I-94
- Ramp is for 2022 only



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# Metro Trail – Retaining Wall



- Metro Trail retaining wall will be replaced.
- Segments of Metro Trail will be closed intermittently.
- Signs will be posted for closures.

# Contractor's Information



- Engineer's estimate = \$279 Million
- Low Bid = \$257 Million
- Dan's Excavating, Inc. is Prime Contractor
- Approximately 40 sub contractors



# Project schedule

- Now – February 25: Signs, pavt markings, clearing, signal work, etc.
- February 25 – early March: Move concrete barrier, pavement markings
  - 1 lane open on NB I-275
- Early March – December: reconstruction of SB I-275



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# Frequently Asked Questions

- Project warranties – 5 years
- Incentive/disincentive
- Concrete pavement
  - Mainline = 12” thick
  - Ramps = 10” thick



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# Communication with Project Staff

[www.Revive275.org](http://www.Revive275.org)

Project Ombudsman

- (248) 275-8375
- [MDOT-275Feedback@michigan.gov](mailto:MDOT-275Feedback@michigan.gov)



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# THANK YOU!



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# Q & A

## Options

- Type your question, or
- Use “raise hand” icon to speak

Call-in attendees will have an opportunity to unmute and speak.

Raise hand to request to ask questions.

Email: [MDOT-275Feedback@michigan.gov](mailto:MDOT-275Feedback@michigan.gov)

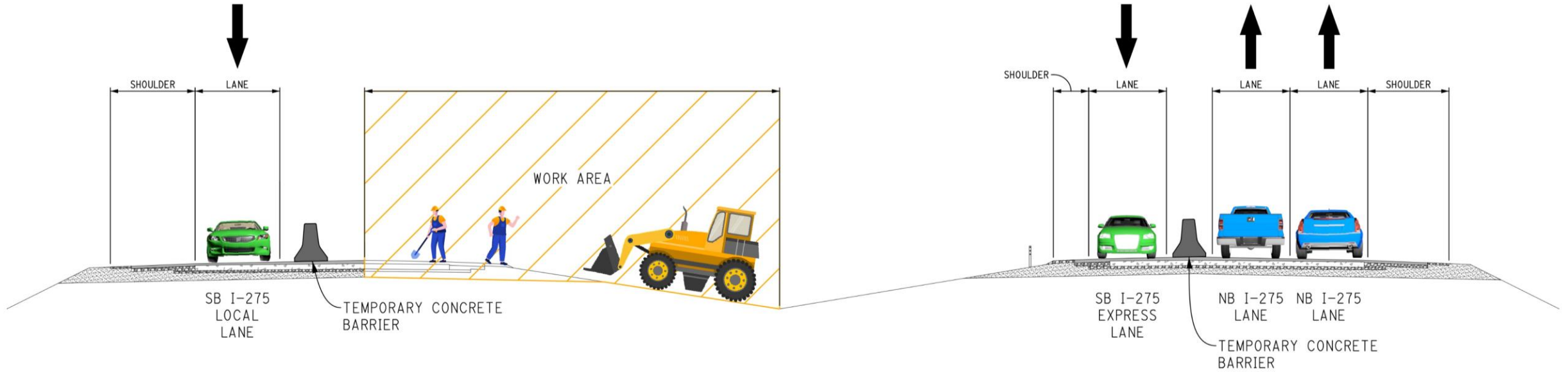
Phone: (248) 275-8375

[www.Revive275.org](http://www.Revive275.org)





# Maintaining Traffic - Split Merge



- Split merge could be used from Northline Road to Five Mile Road during 2021, 2022, and 2023 construction seasons.
- One direction of traffic will have a **local** lane and an **express** lane.
- **Local** lane will be used for ramp access.