

12 MILE ROAD DIVERGING DIAMOND INTERCHANGE PUBLIC MEETING

I-75 Modernization Project

June 17, 2021



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.

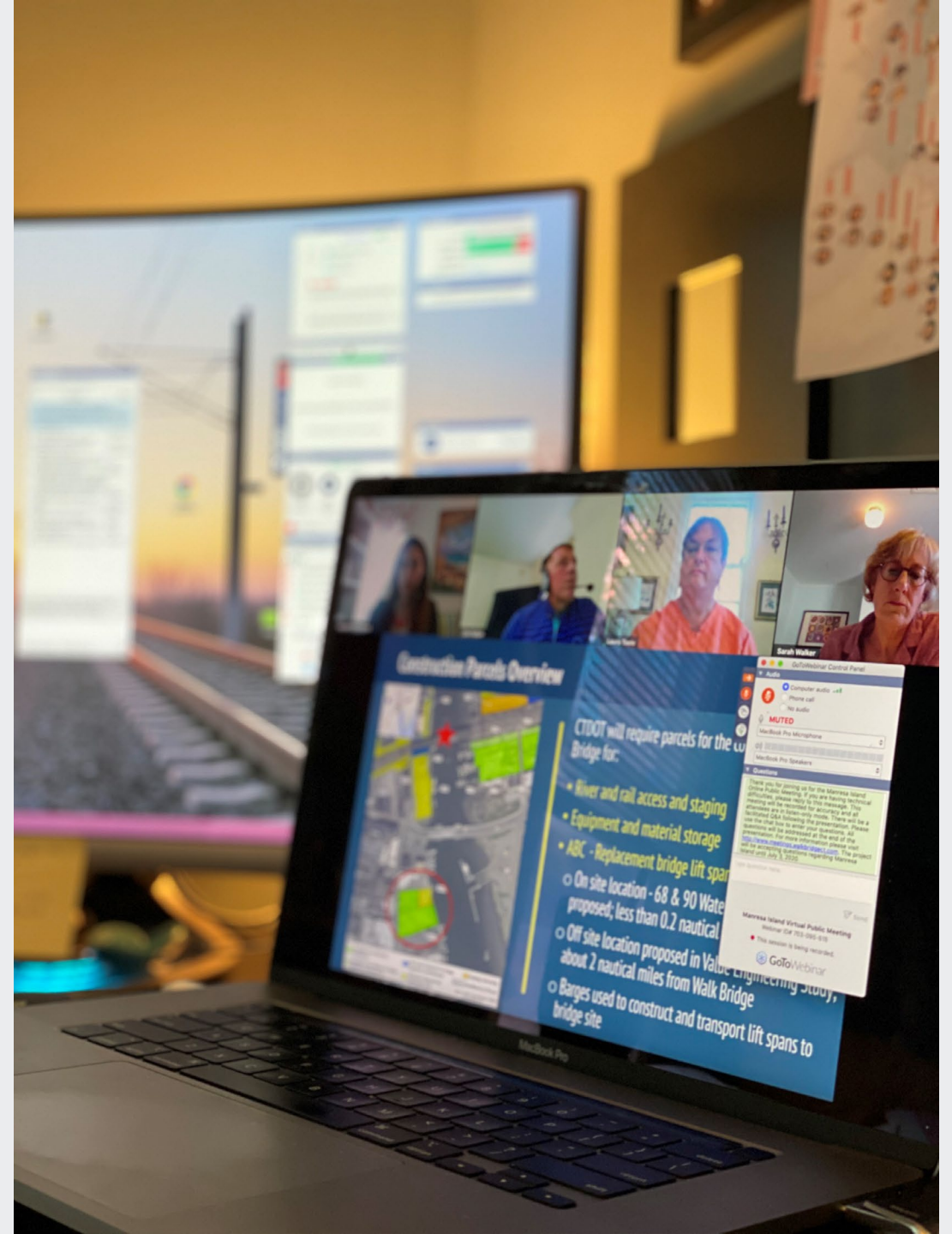
You can help MDOT comply with Title VI and related statutes, which require the collection of statistical data to aid in assessing MDOT's outreach efforts among those who are affected or interested in this project.

HOUSEKEEPING

Please stay muted during the presentation.

There will be a Q&A at the end of the meeting.

Please feel free to use the chat function if you have comments or questions.





AGENDA

- Welcome & Housekeeping
- Introductions
- Project Overview
- Video
- Interchange Features
- Construction Staging
- Q&A
- Adjourn

MEET THE PRESENTERS

Kristin Shaw, Moderator, WSP

Sean Kelsch, OCP Project Manager, AECOM

David Nachman, CEO, Oakland Corridor

Partners (OCP)



MODERNIZE **75** Construction Segments

I-75 PROJECT LIMITS

I-75 Segment 1

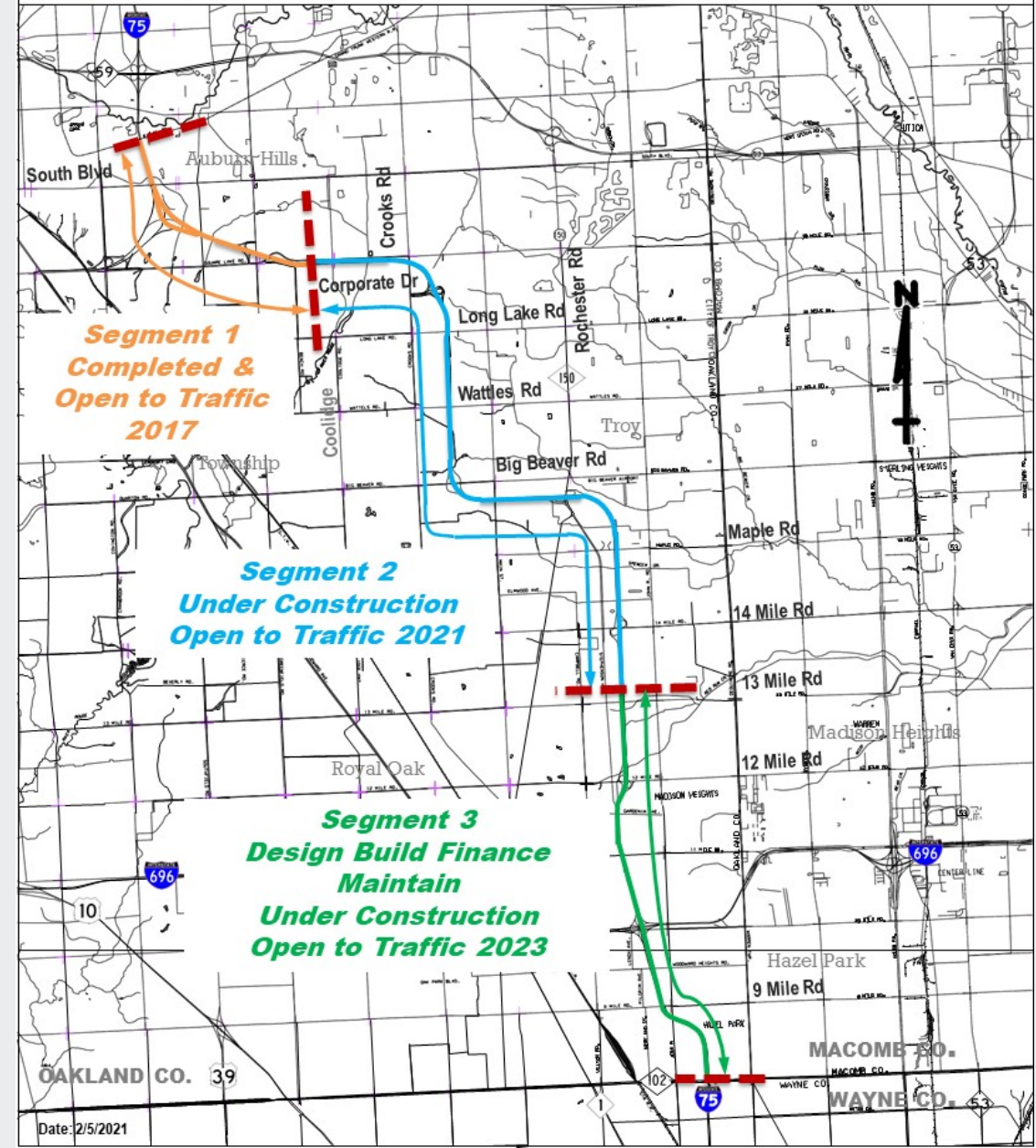
- North of Coolidge to North of South Boulevard (3.1 miles)

I-75 Segment 2

- North of 13 Mile Road to North of Coolidge Highway (8.6 miles)

I-75 Segment 3

- 8 Mile Road to North of 13 Mile Road (5.5 miles)



I-75/12 MILE ROAD INTERCHANGE

Existing Partial Cloverleaf Interchange

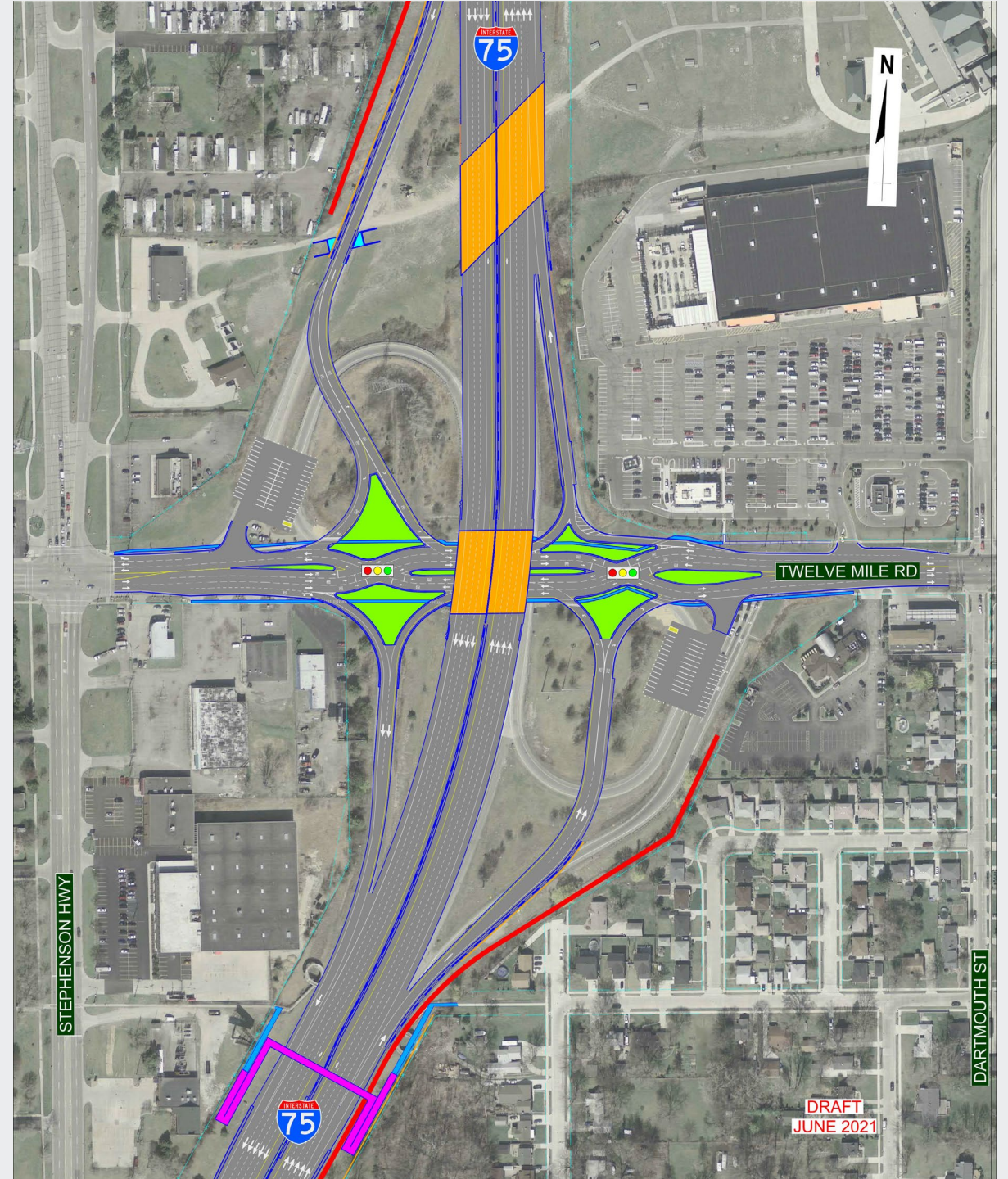
- Aging infrastructure
- Outdated roadway geometry



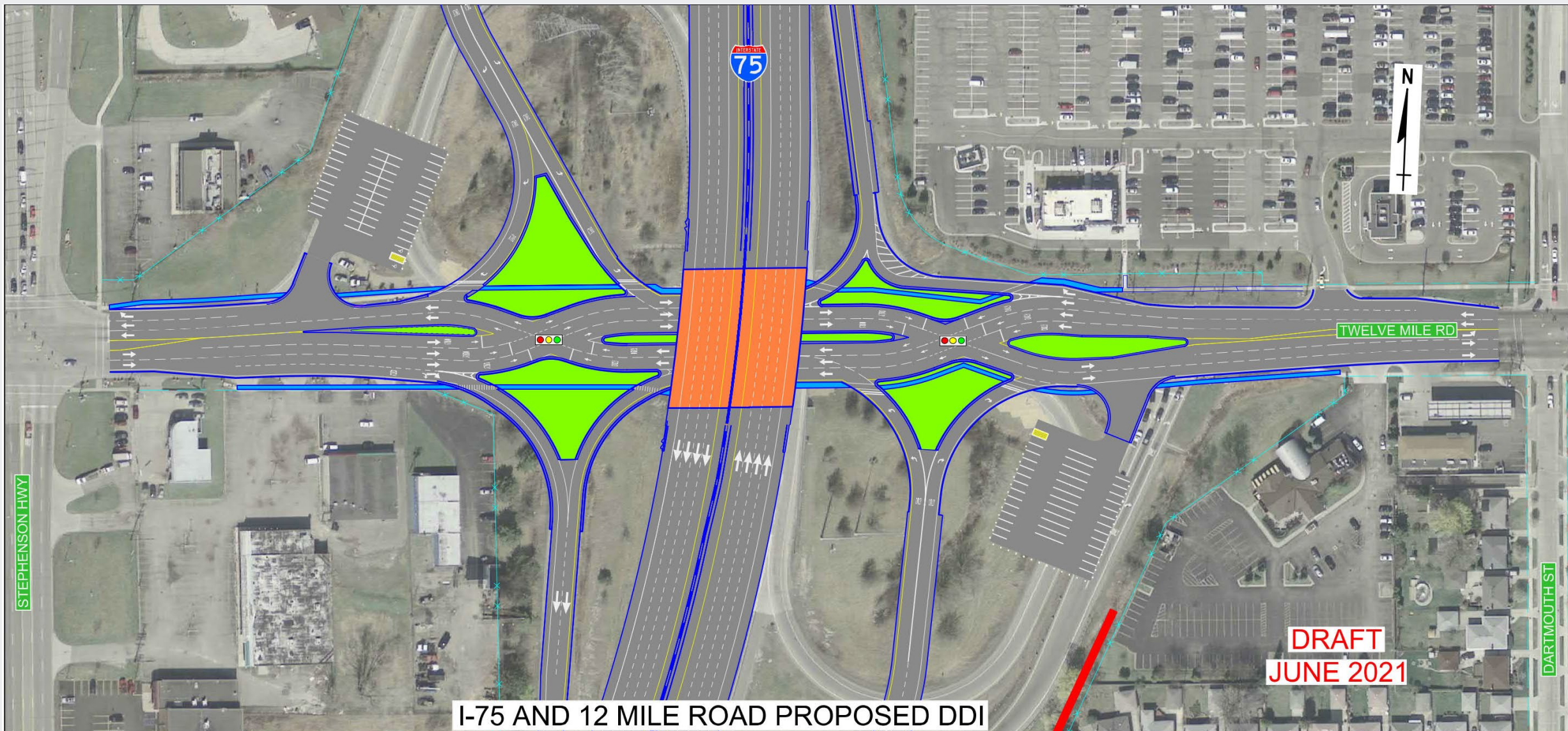
I-75/12 MILE ROAD INTERCHANGE

Proposed Diverging Diamond Interchange (DDI)

- Modern interchange that matches corridor interchanges at I-75/University Drive; I-75/Big Beaver Road; and I-75/14 Mile Road
- Smaller footprint as compared to existing interchange (no additional right-of-way)
- Improved operations and safety with upgraded roadway geometry
- Reduces interchange conflict points as compared to a traditional diamond interchange
- Crash reductions have been observed at other DDI locations in Michigan



I-75/12 MILE ROAD DDI

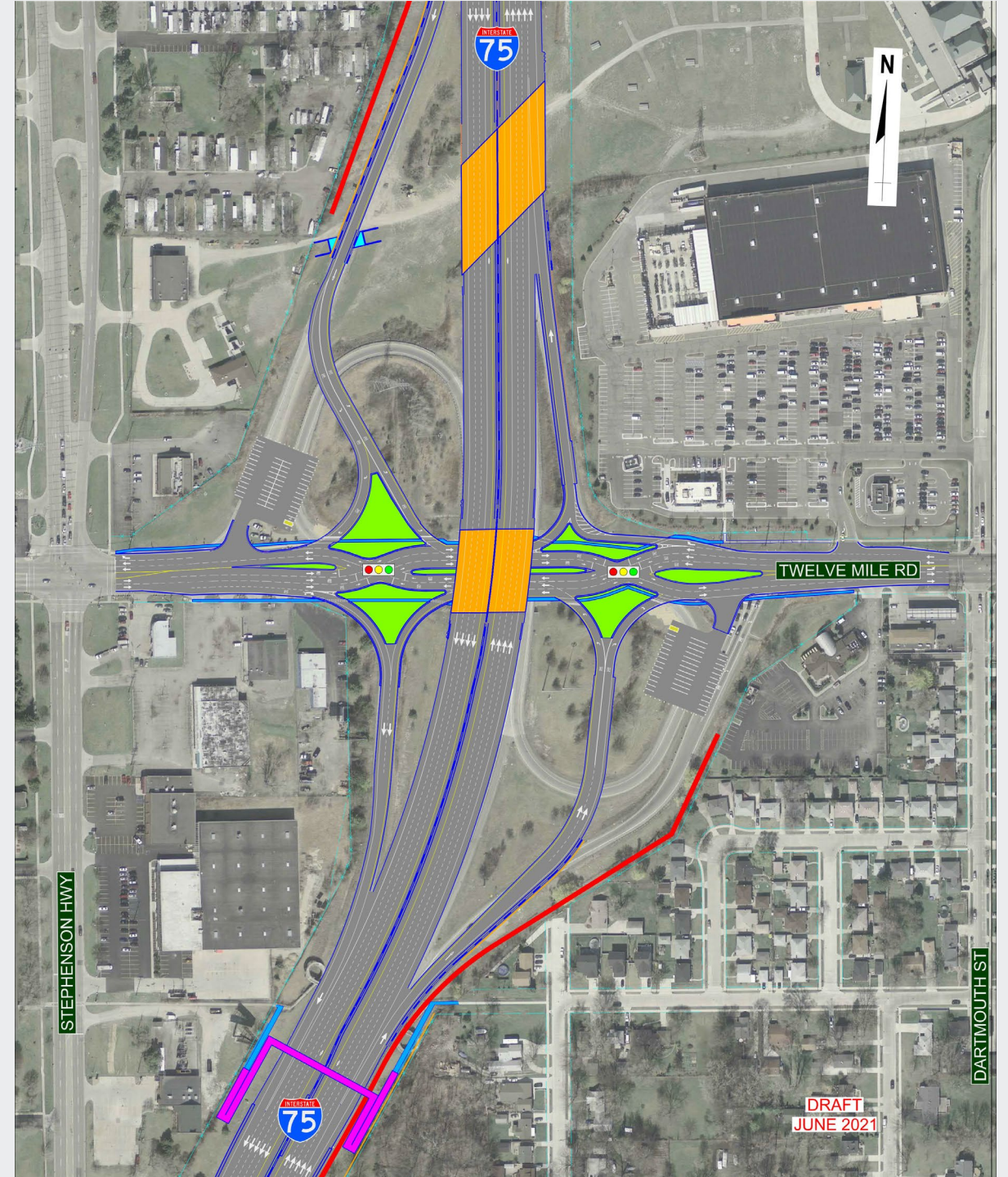


HOW TO DRIVE DDI VIDEO

I-75/12 MILE ROAD DDI

Interchange Features

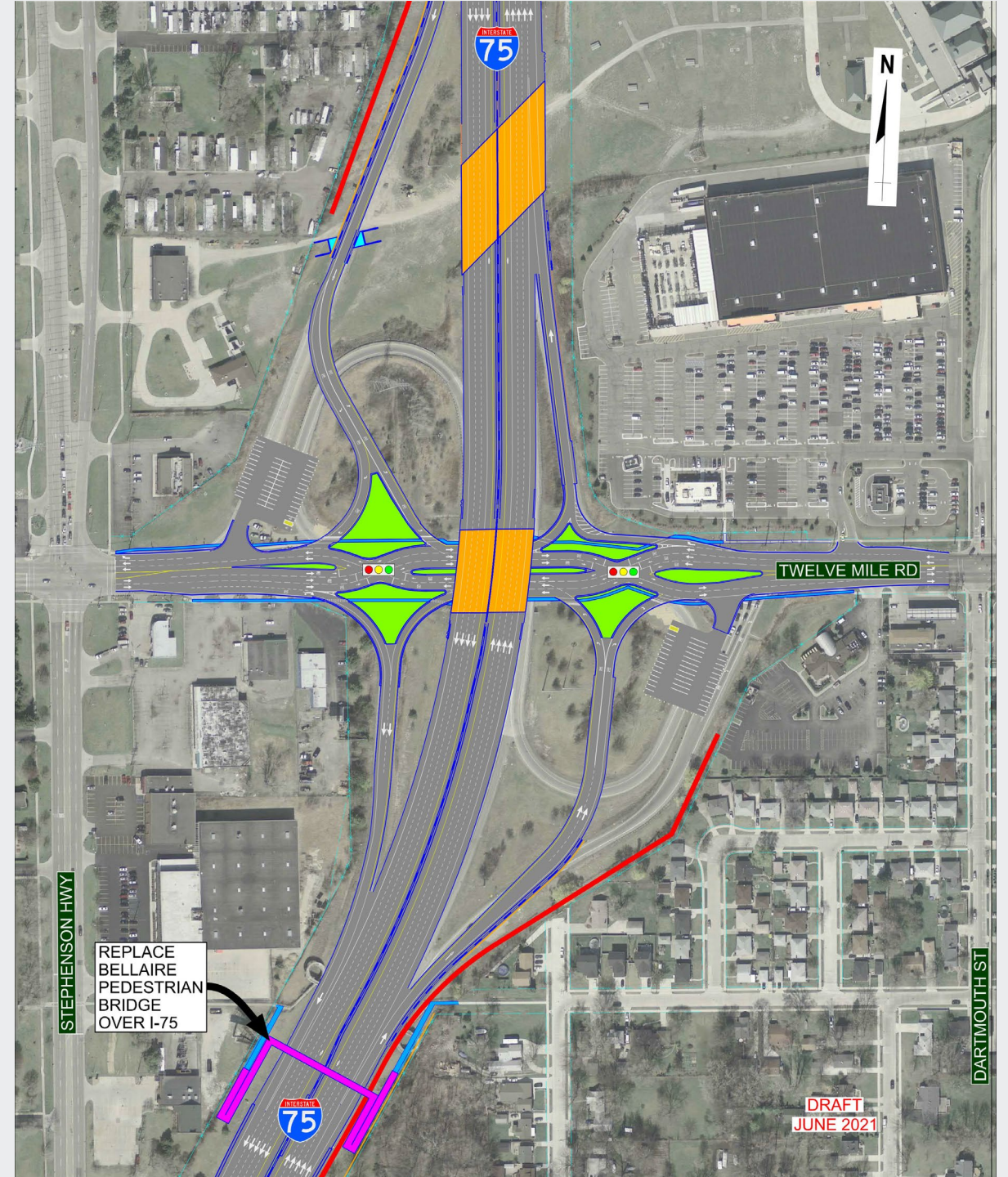
- Bellaire Pedestrian Bridge
- Carpool Lot
- Soundwall along SB Exit Ramp
 - ▶ Wall is realigned to accommodate new ramp
- Soundwall along NB Exit Ramp
 - ▶ Wall design is in progress and wall will be constructed, pending approval by benefited residents (5 dba reduction)
- Access Structure under SB Exit Ramp
- Sidewalk Connectivity



I-75/12 MILE ROAD DDI

Interchange Features

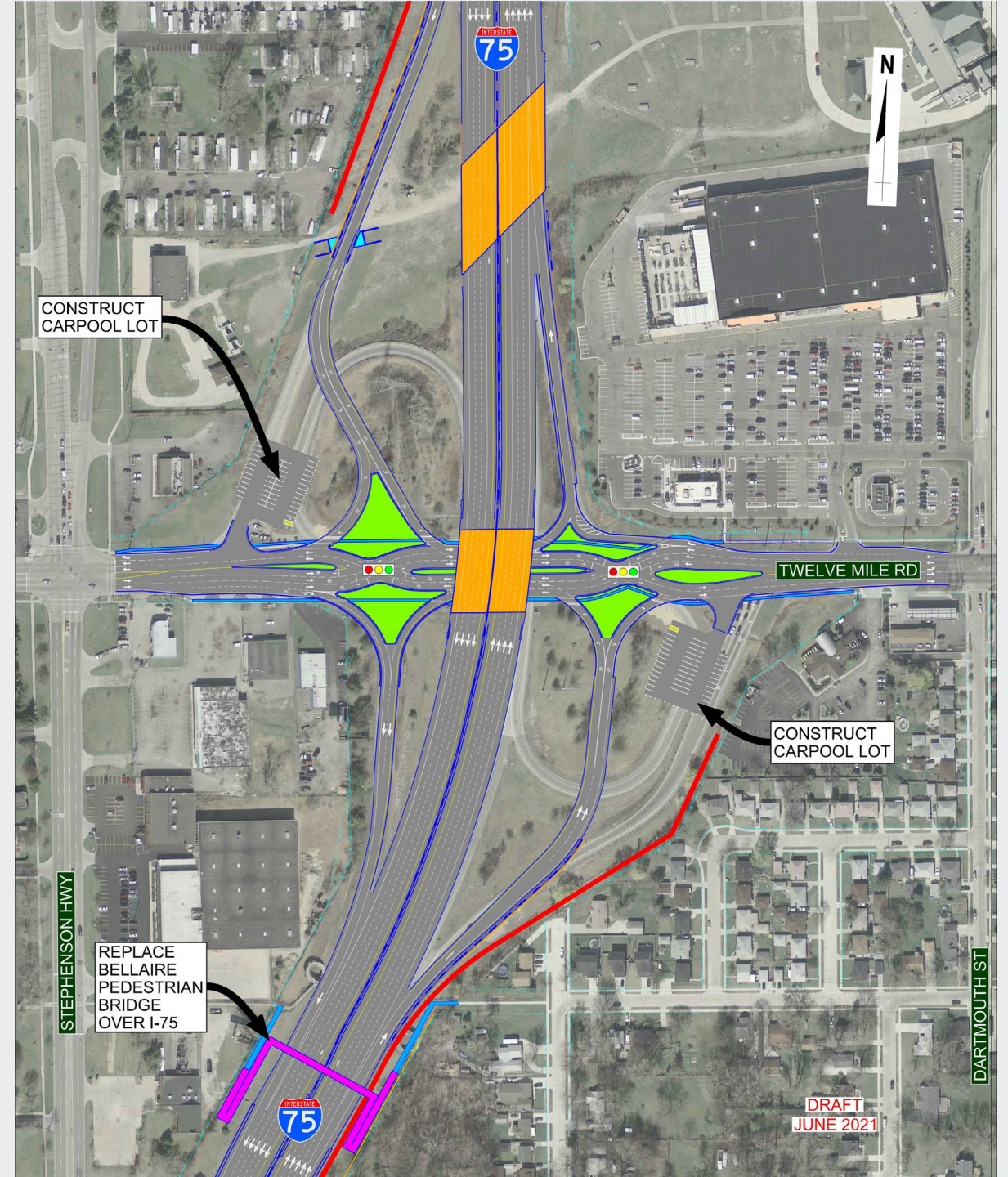
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I-75/12 MILE ROAD DDI

Interchange Features

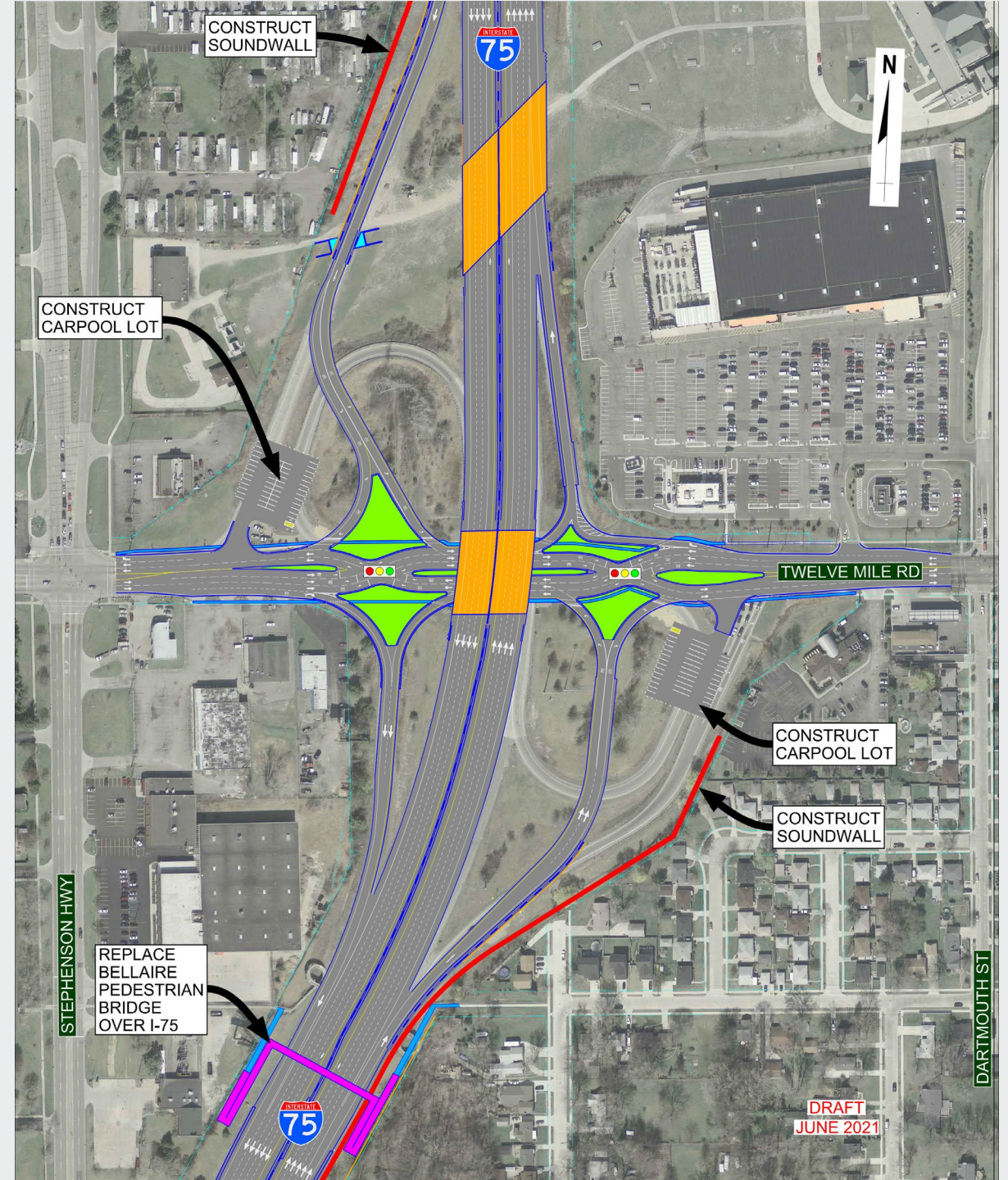
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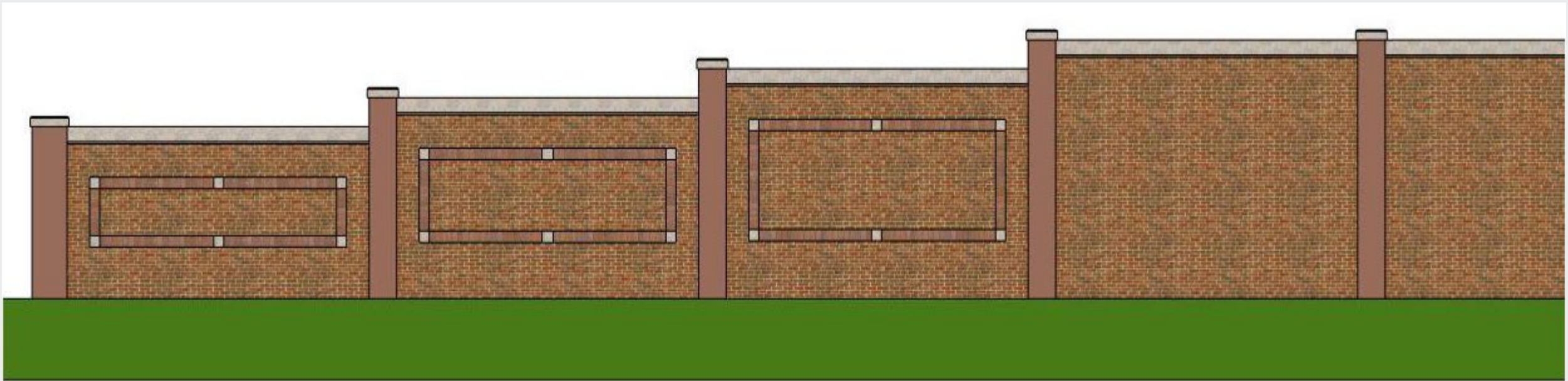
I-75/12 MILE ROAD DDI

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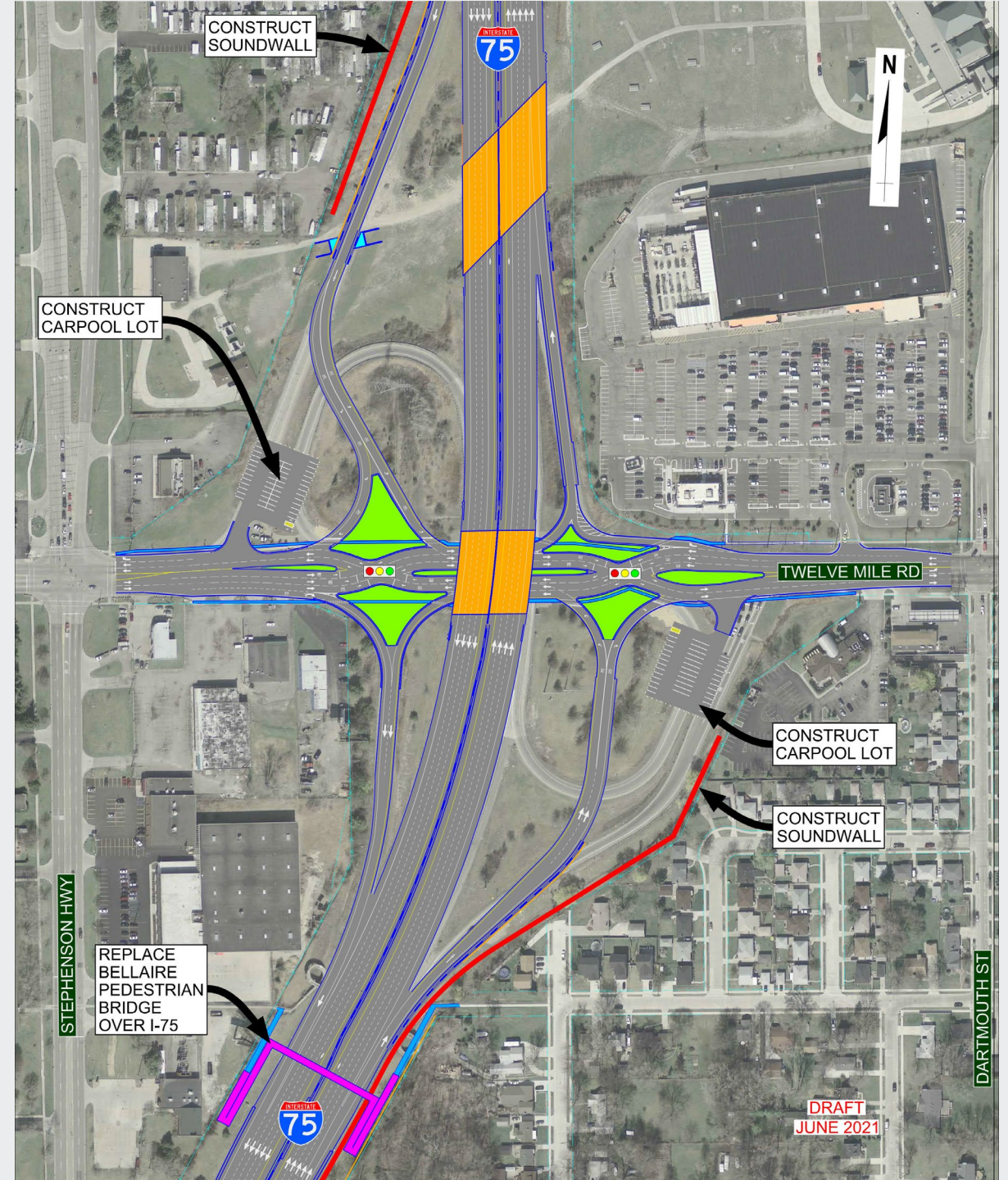
PROPOSED SOUNDWALL AESTHETICS



I-75/12 MILE ROAD DDI

Interchange Features

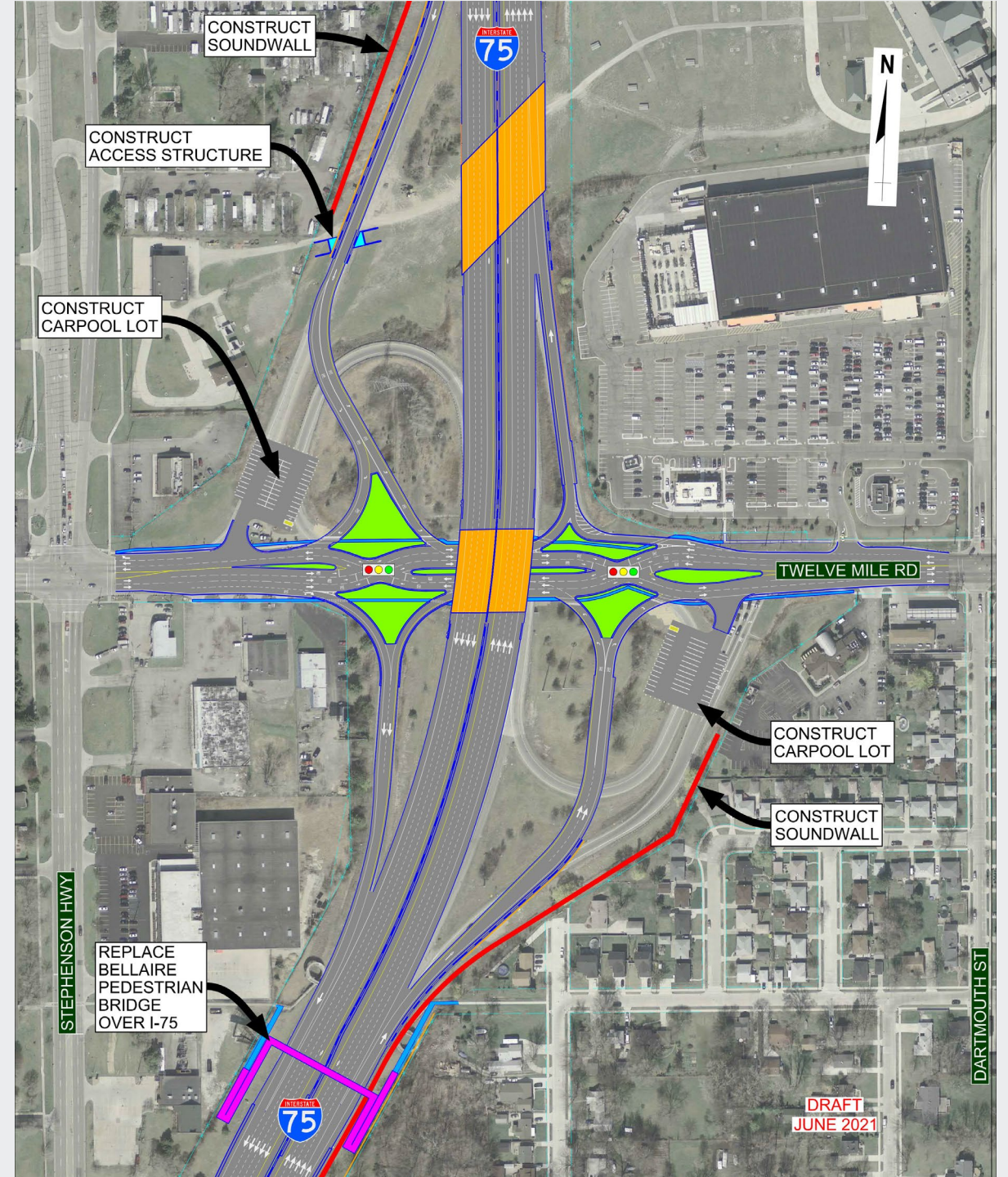
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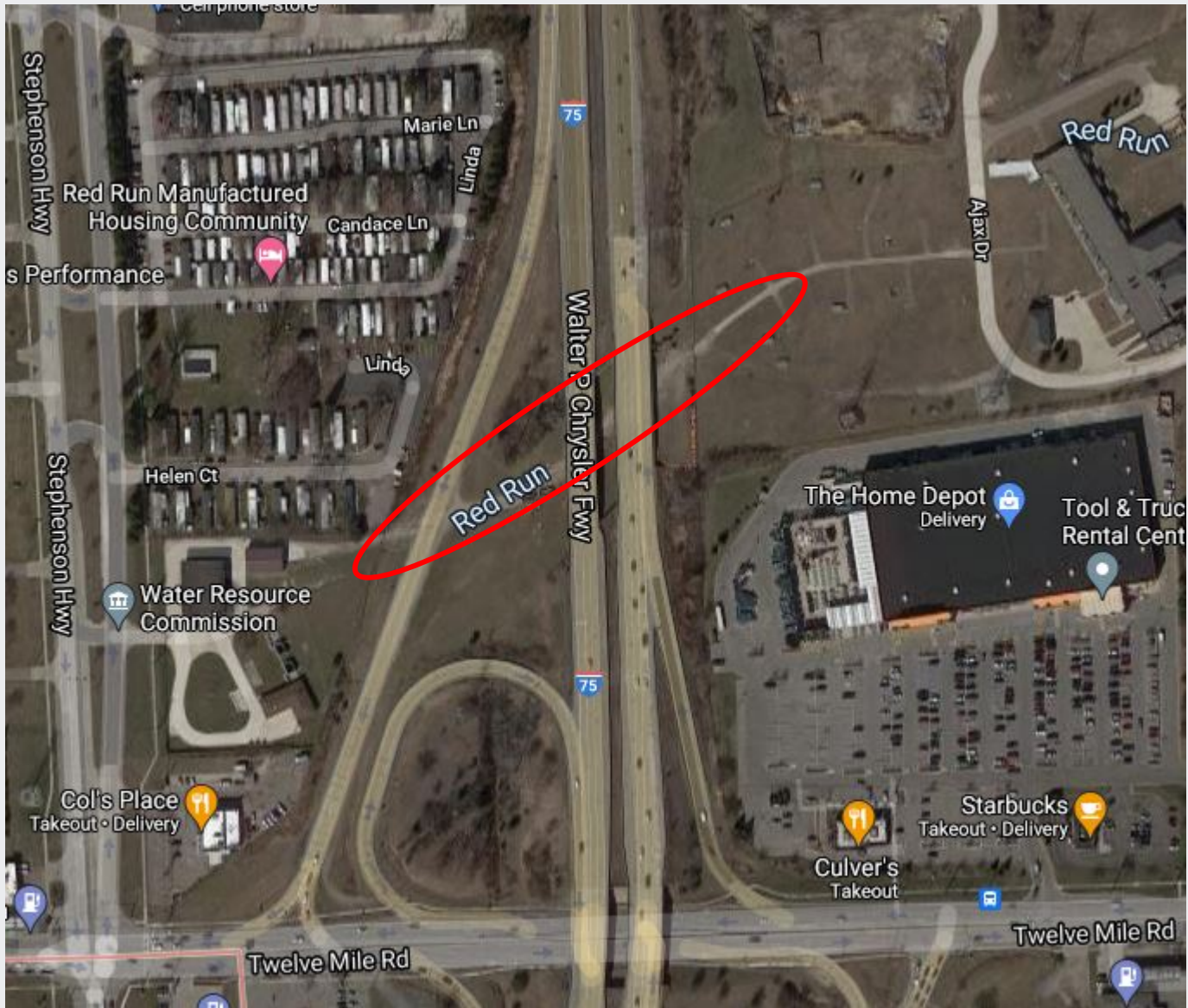


I-75/12 MILE ROAD DDI

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PROPOSED ACCESS STRUCTURE – EXISTING CROSSING

Oakland County Water Resource
Commission (OCWRC)
maintenance access

- Existing at-grade crossing at SB Exit Ramp
- Maintenance vehicles have to cross live traffic on ramp without traffic signal
- Authorized Vehicles only

PROPOSED ACCESS STRUCTURE – EXISTING CROSSING



PROPOSED ACCESS STRUCTURE



BEFORE

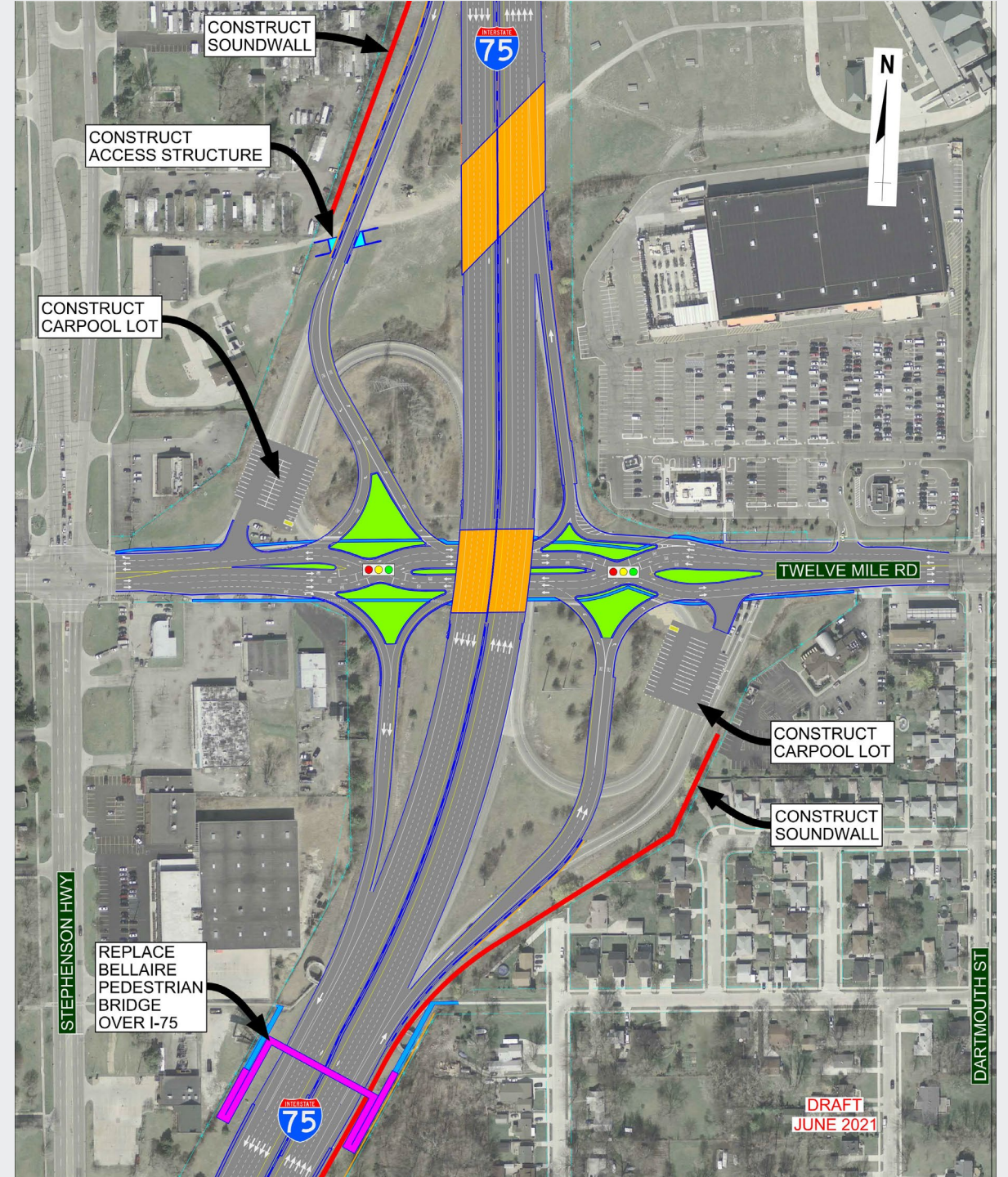


AFTER

I-75/12 MILE ROAD DDI

Interchange Features

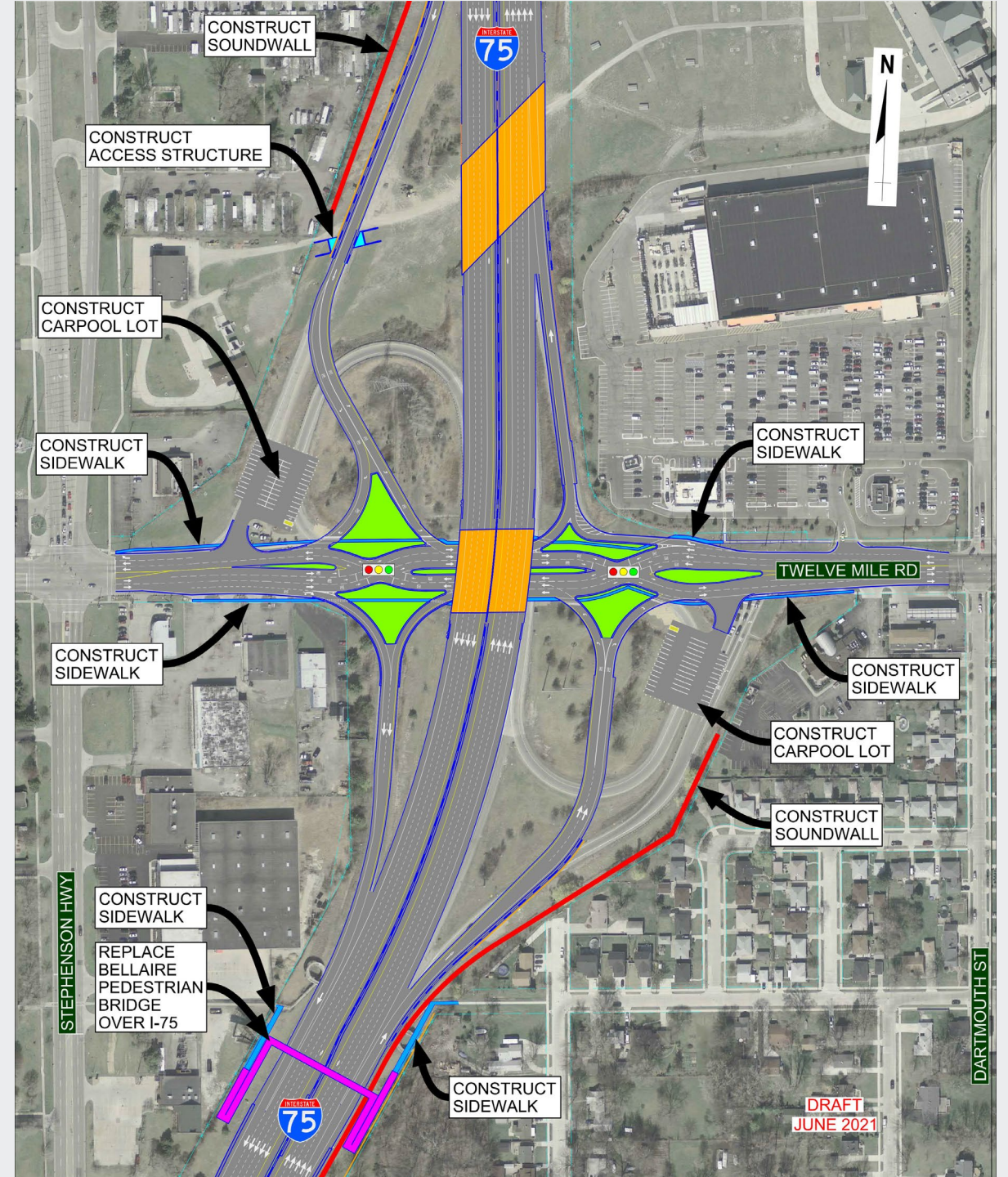
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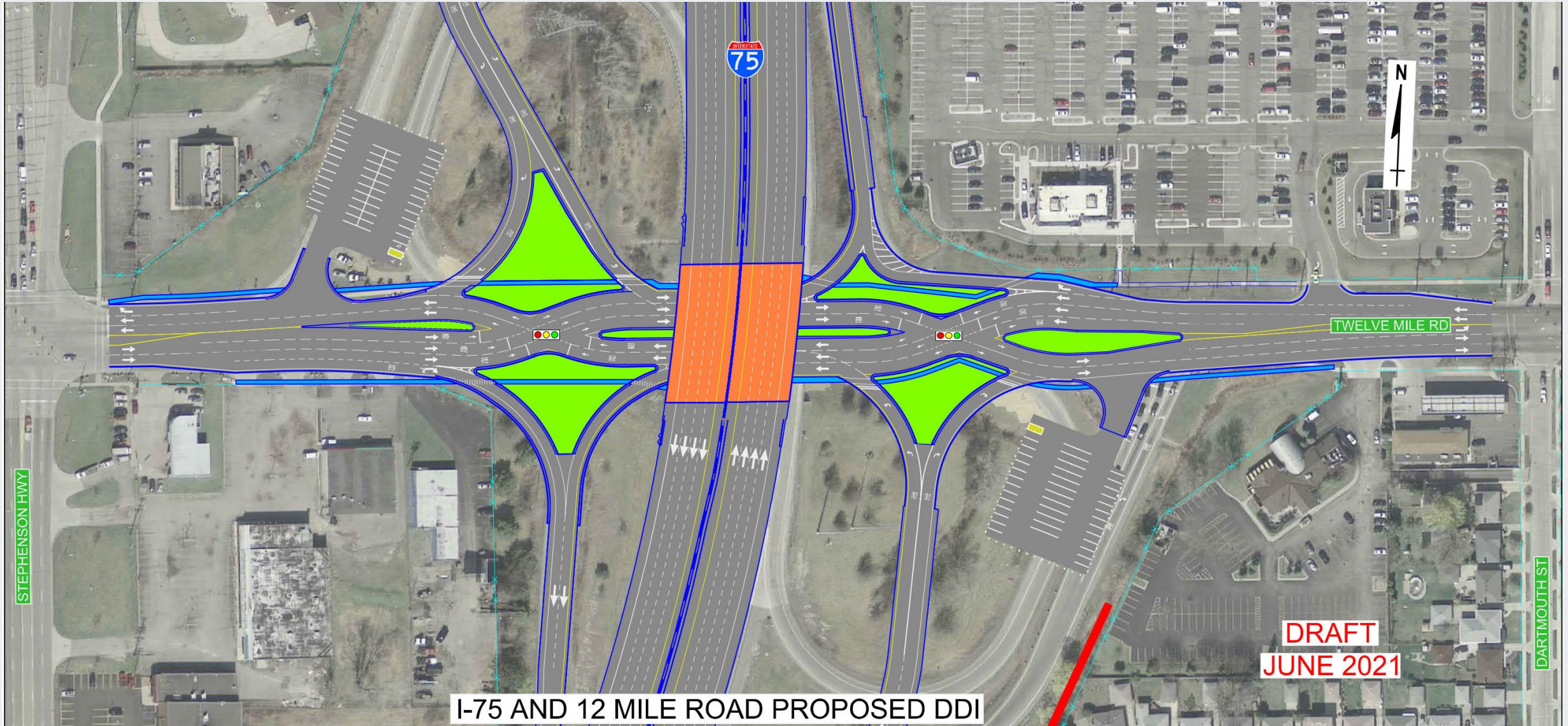
I-75/12 MILE ROAD DDI

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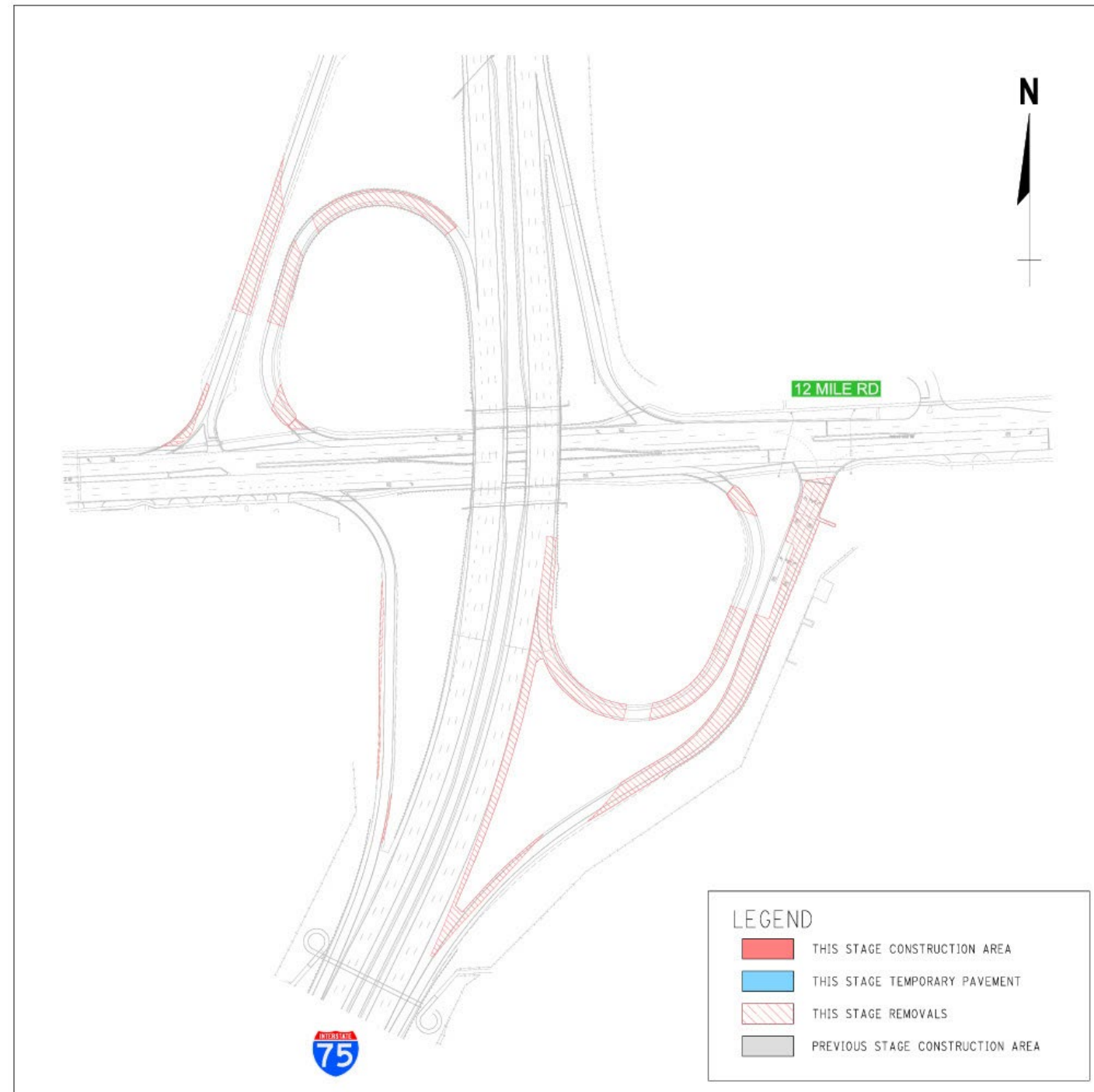
SIDEWALK CONNECTIVITY



I-75/12 MILE ROAD CONSTRUCTION STAGING

2022 Construction Staging

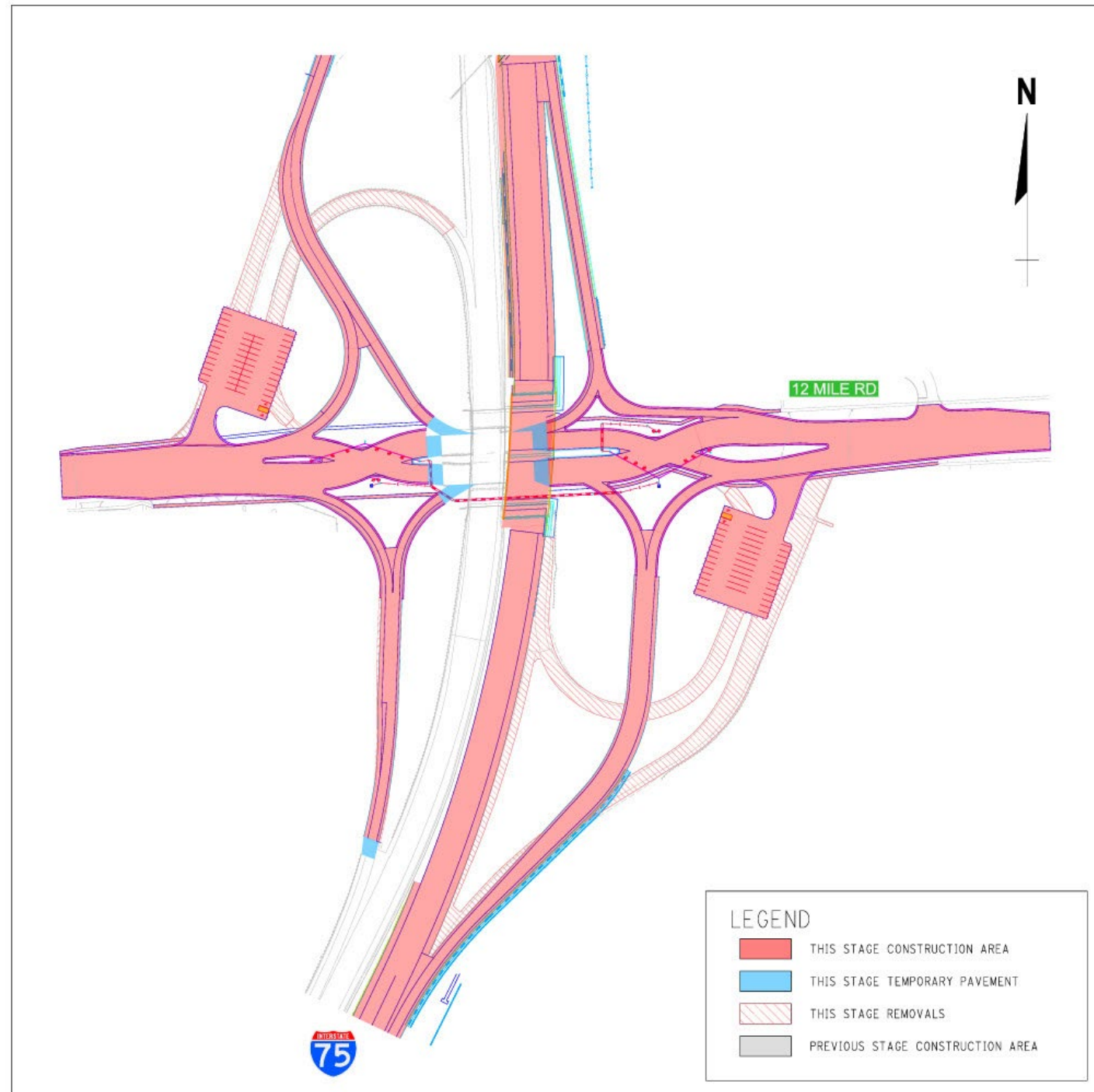
- Remove existing interchange ramps
- Remove existing 12 Mile Road



I-75/12 MILE ROAD CONSTRUCTION STAGING

2022 Construction Staging

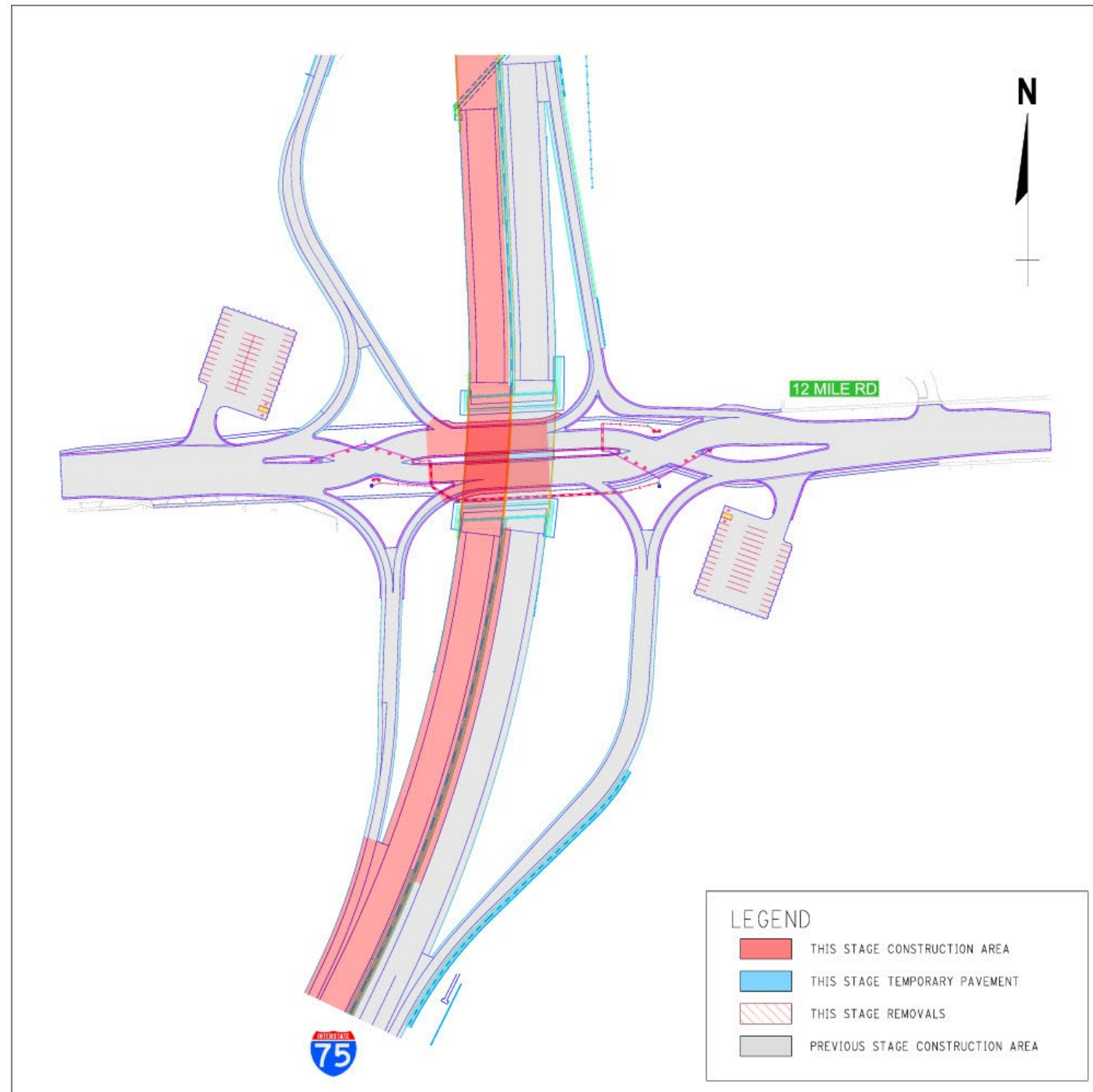
- 12 Mile Road will be closed and detoured to through traffic
- Access to businesses will be maintained at all times
- Pedestrian traffic will be detoured to Bellaire Pedestrian Bridge
- Bus routing will be reviewed and mitigated with SMART
- Emergency response routing and will be reviewed and mitigated with the appropriate agencies
- All lanes and ramps will reopen before seasonal shutdown (November to March)



I-75/12 MILE ROAD CONSTRUCTION STAGING

2023 Construction Staging

- 12 Mile Road will be closed and detoured to through traffic for portion of 2023 Construction Season (March to August)
- Access to businesses will be maintained at all times
- Pedestrian traffic will be detoured to Bellaire Pedestrian Bridge
- Bus routing will be reviewed and mitigated with SMART
- Emergency response routing and will be reviewed and mitigated with the appropriate agencies
- I-75/12 Mile Road Interchange will be completely open to traffic (Late Summer/Early Fall 2023)



I-75/12 MILE ROAD CONSTRUCTION STAGING

Other Issues

- Night work and associated noise will be minimized and only allowed for essential short term work items such as bridge removal and bridge deck pours
- Air quality and dust control measures will be implemented during construction including regular watering
- Closure and construction updates will be provided to public



Q & A

Project Website: www.modernize75.com

Facebook: www.facebook.com/modernize75

Twitter: www.twitter.com/modernize75

E-mail: info@ocp-i75.com

Phone: 586-486-3626

THANK YOU!



Q&A

