

I-496 and US-127

February 13, 2025



Agenda

I-496/US-127 from I-96 to I-69

- Project Overview
- 2024 Completed Work
- 2025 Traffic Impacts



I-496 & US-127 Construction Work

I-496 & US-127 proposed construction work by year:

2023 Construction (**COMPLETE**):

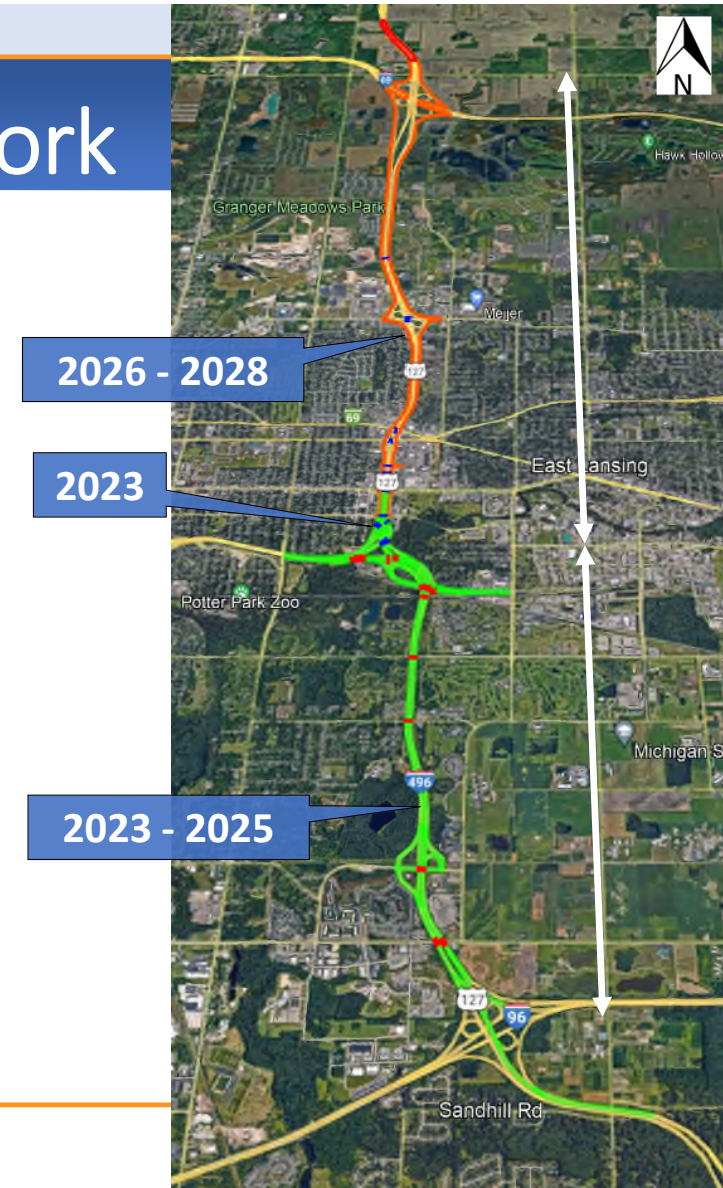
EB I-496 to NB US-127 Ramp and SB US-127 to WB I-496 Ramp bridge and roadway reconstruction

2023 to 2025 Construction (begin work late in 2023):

Reconstruction of I-496/US-127 from I-96 to I-496

2026 to 2028 Construction (begin work early in 2026):

Rehabilitation of US-127 from I-496 to I-69



I-496/US-127 Reconstruct from I-96 to I-496

Project information:

Reconstruction of 3.7 miles of roadway from I-96 to I-496

Reconstruction of the Dunckel Rd and Trowbridge Rd interchange ramps

Work on 18 bridges

Reconstruction of Trowbridge Rd

Addition of freeway lighting from Dunckel Rd to Trowbridge Rd

Rebuilding to occur from late 2023 through the end of 2025

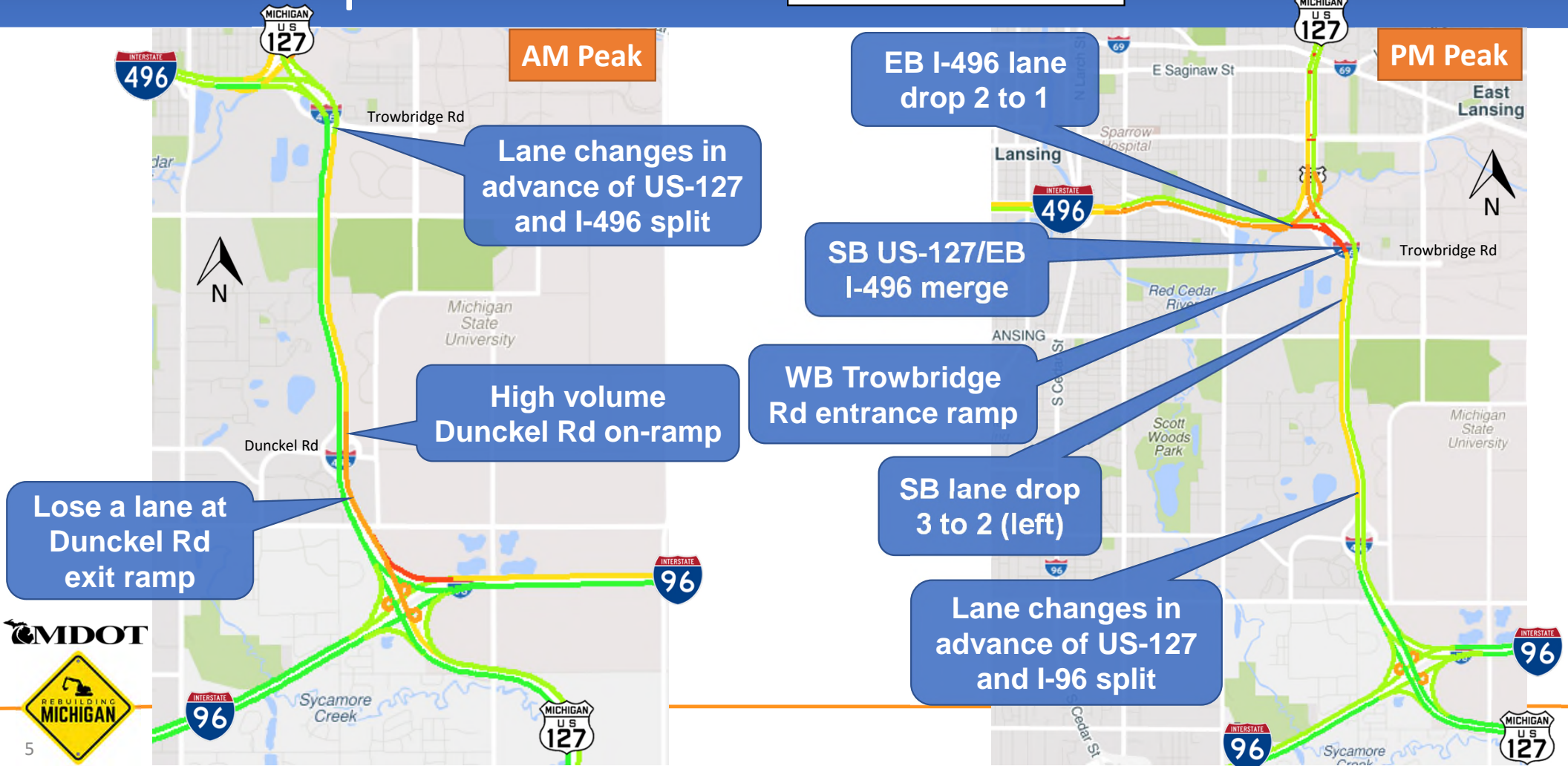


2019 Operations

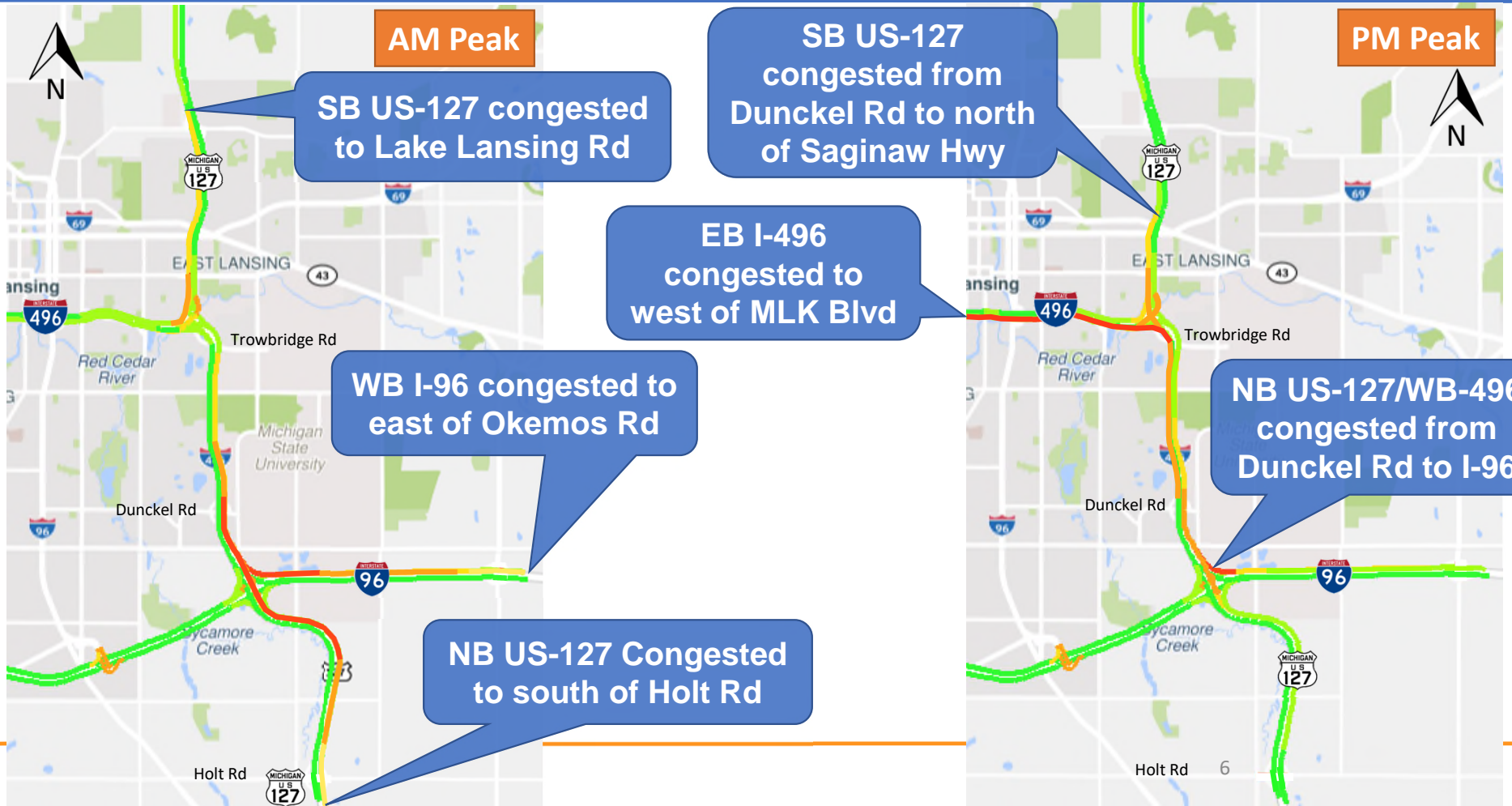
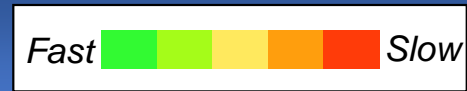


AM Peak

PM Peak



2045 Operations (No-Build)

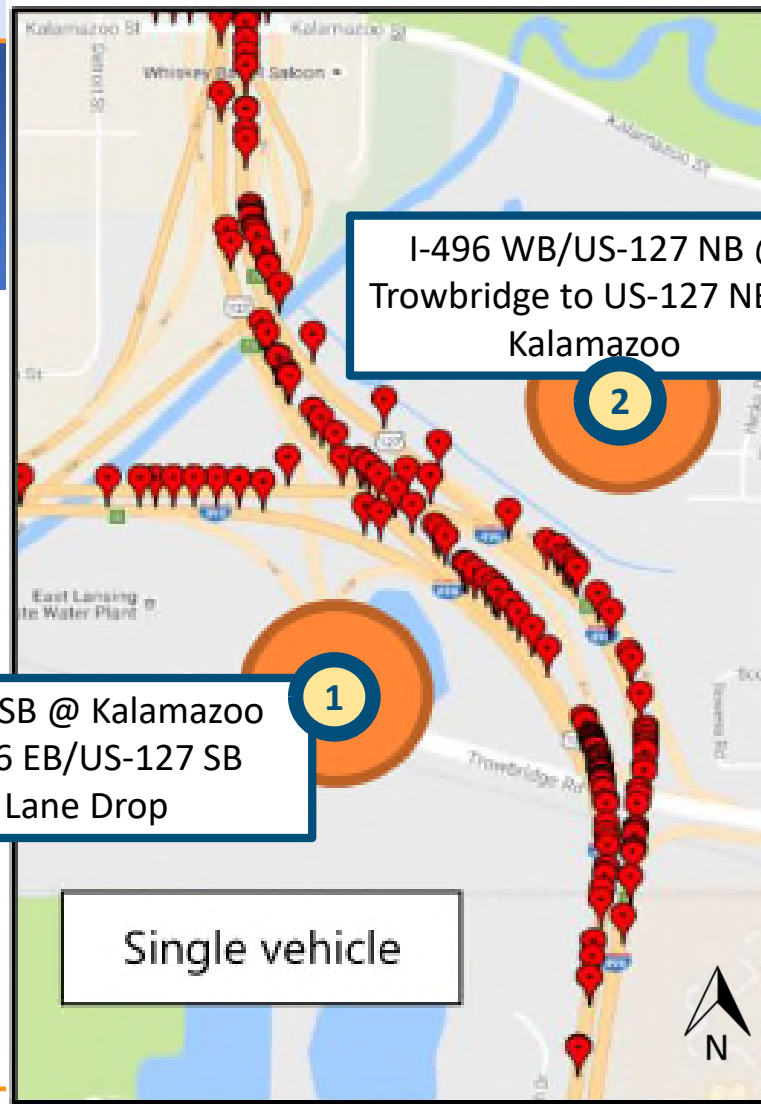


Crash Analysis

Details

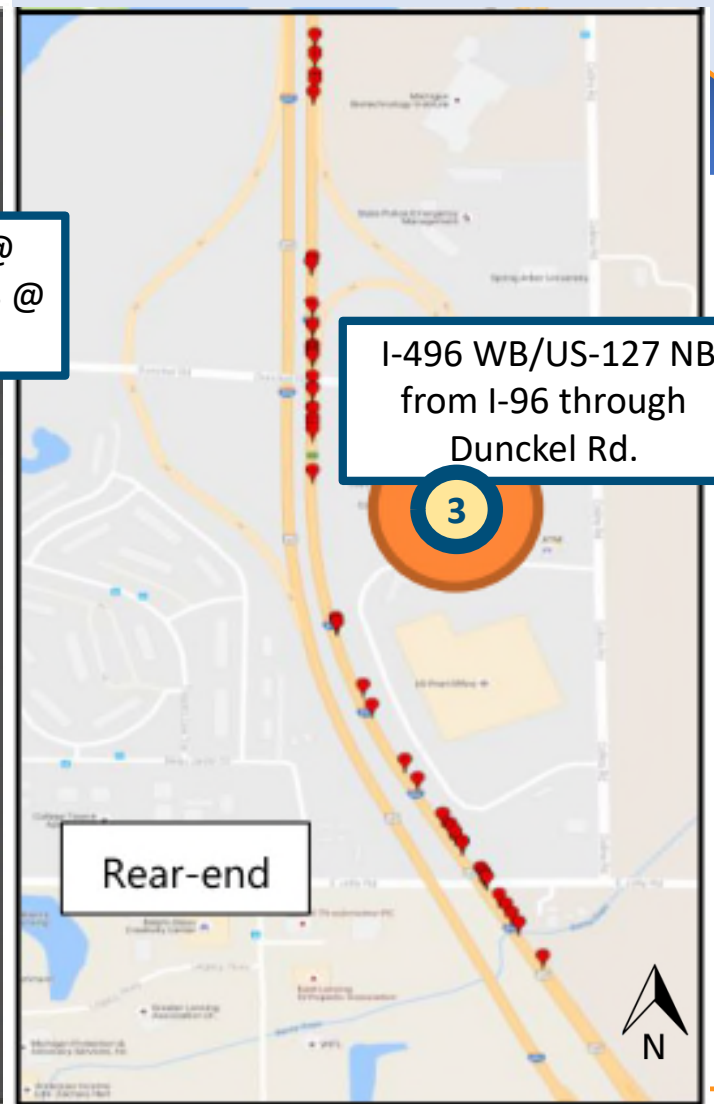
5-year review period

Does not include the Covid-19 timeframe



I-496 WB/US-127 NB @
Trowbridge to US-127 NB @
Kalamazoo

2



I-496 WB/US-127 NB
from I-96 through
Dunckel Rd.

3



Proposed Roadway Fix

Roadway fix based on Operational Analysis

WB I-496 / NB US-127:

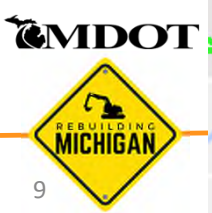
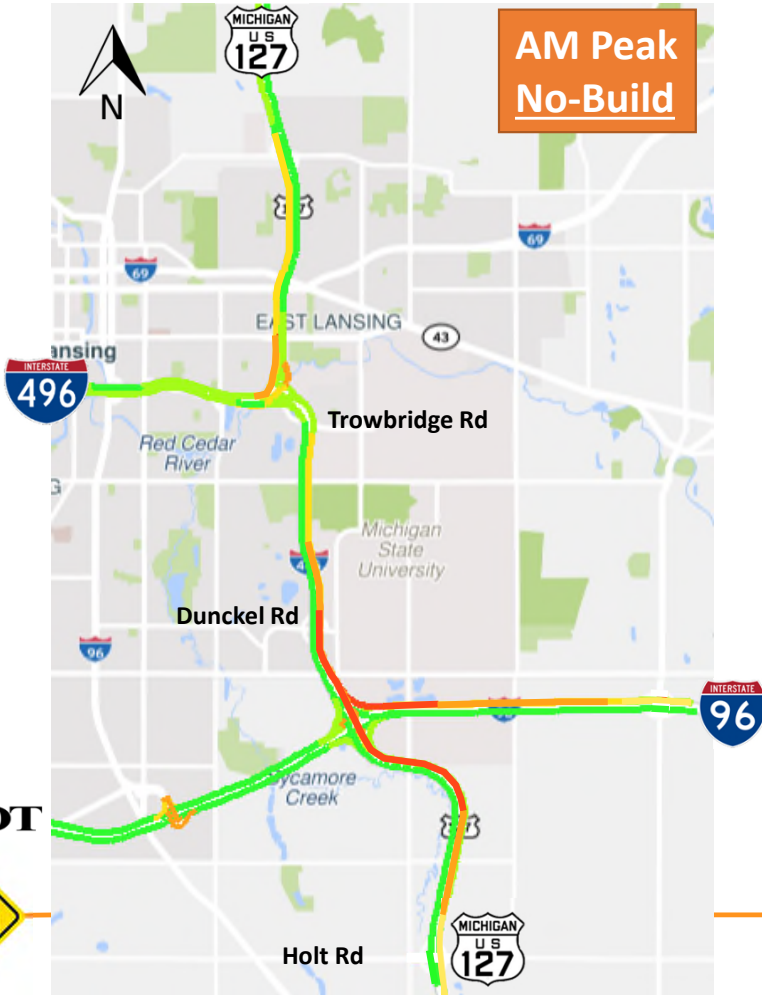
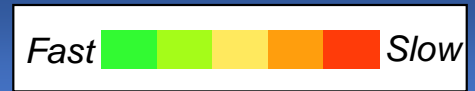
- Add a 3rd lane from Dunckel Rd to I-496
- Extend the NB Dunckel on-ramp acceleration lane
- 2 dedicated lanes to both NB US-127 & WB I-496

EB I-496 / SB US-127:

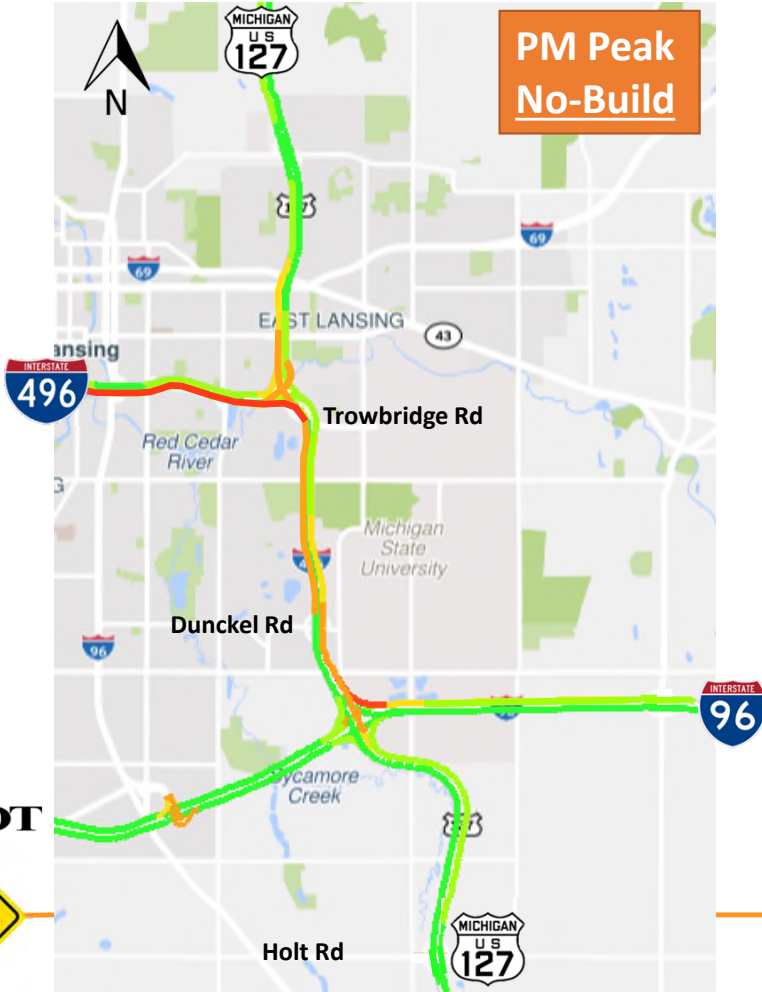
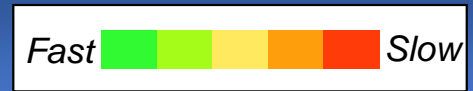
- Add a 3rd lane from EB I-496 to Dunckel Rd
- Extend the SB US-127 median lane drop
- 2 dedicated lanes to both SB US-127 & EB I-96



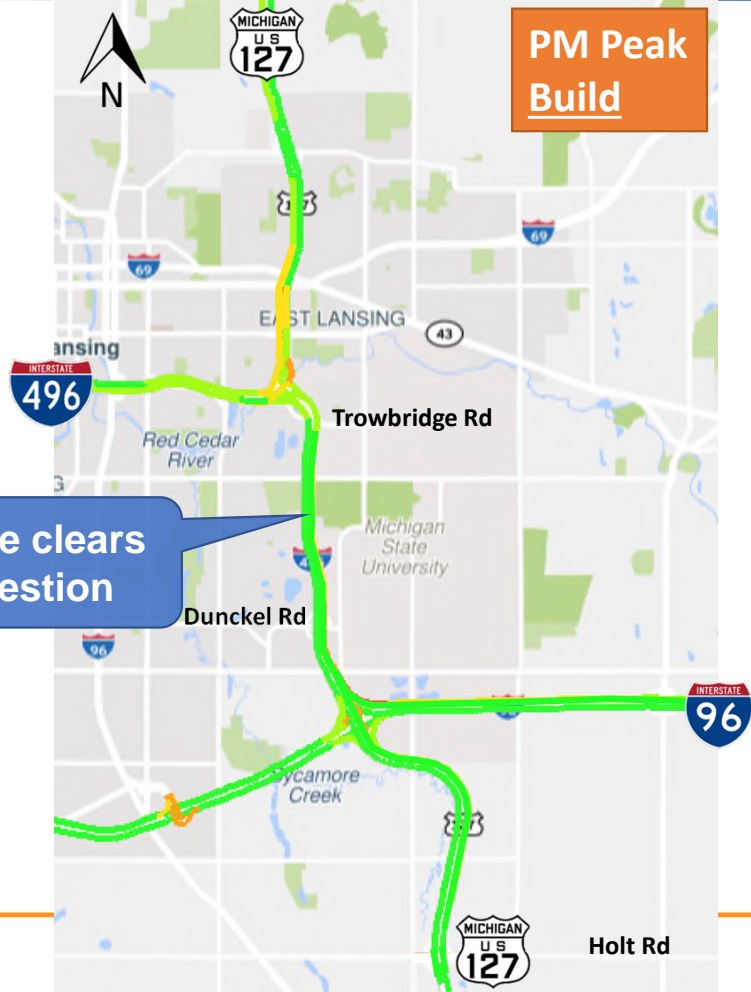
2045 Operations (No-Build vs Build)



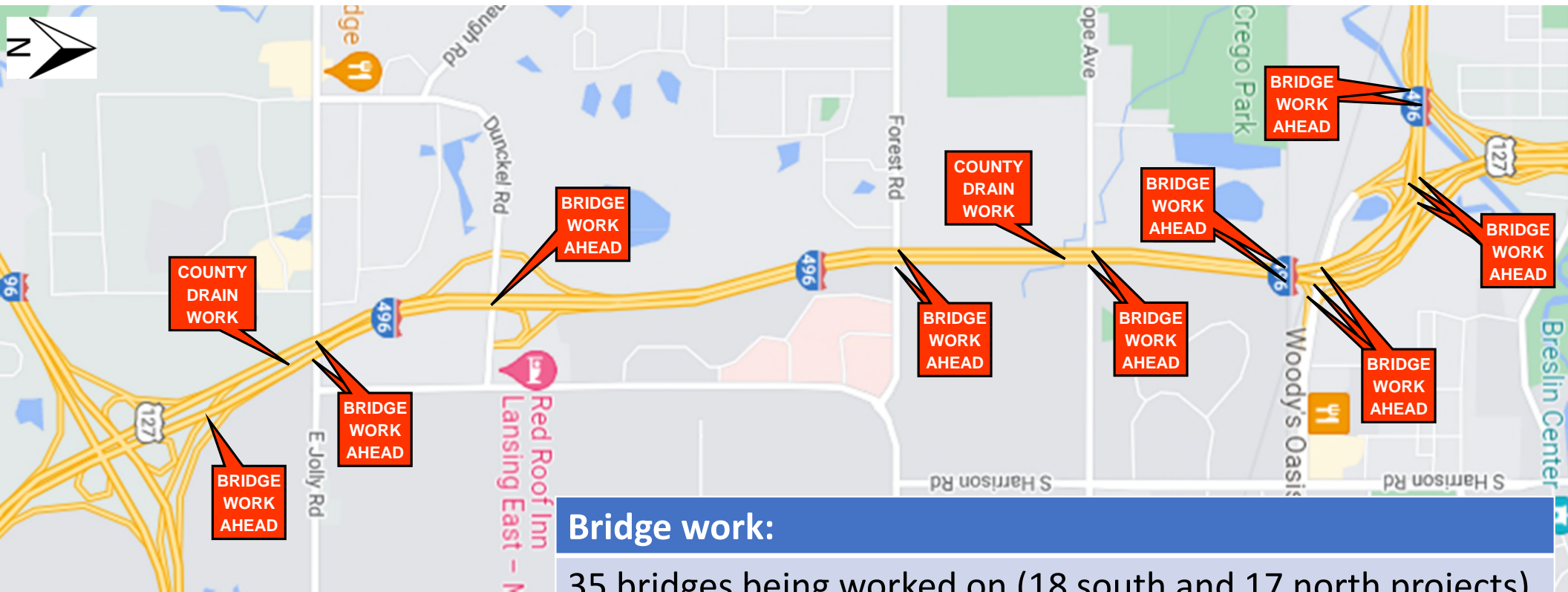
2045 Operations (No-Build)



Additional lane clears SB/NB congestion



Bridge Work



Bridge work:

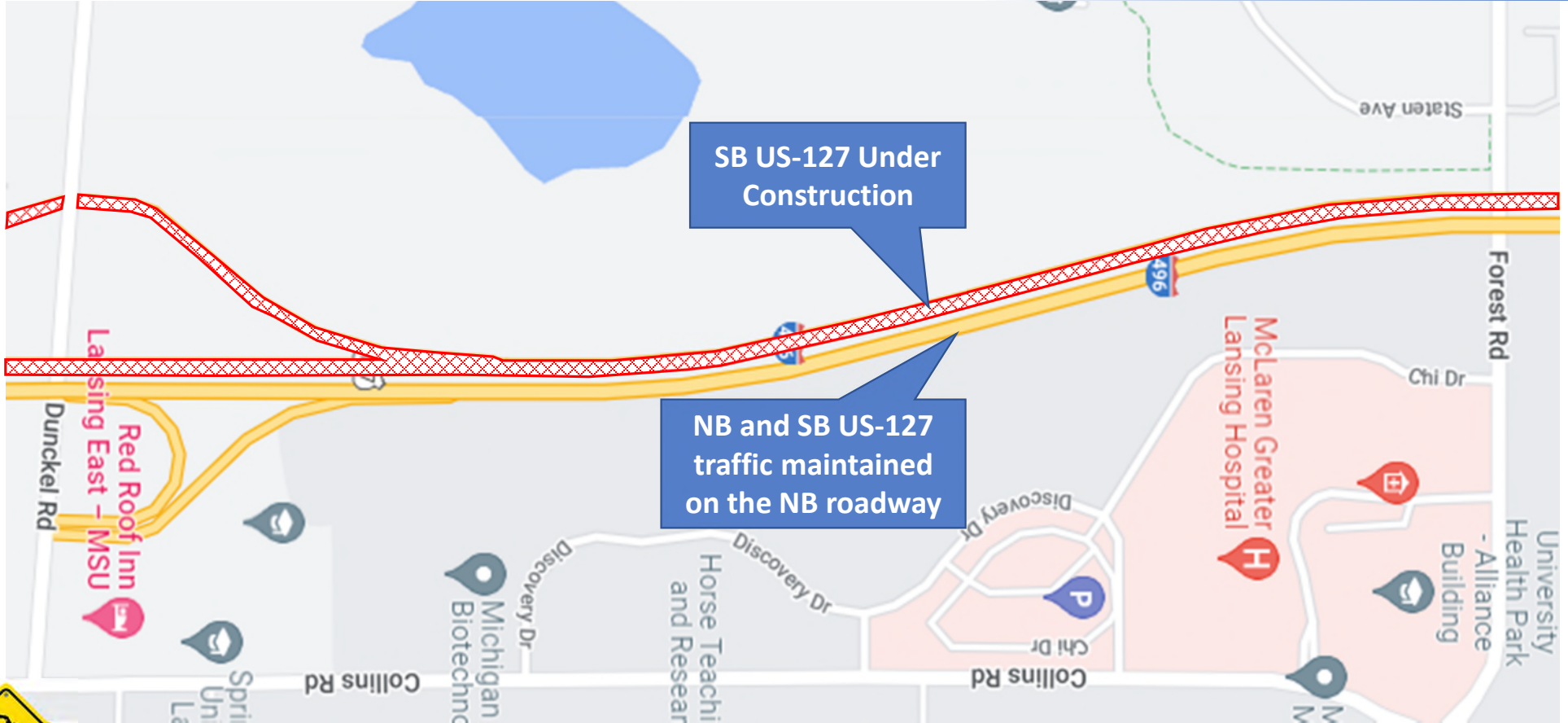
35 bridges being worked on (18 south and 17 north projects)

Fix types vary from full reconstruction to rehabilitation

2 drain crossings are being replaced



Maintenance of Traffic during Construction



Maintenance of Traffic during Construction



2025 Traffic Impacts

Closures from mid-March to mid-June:

- WB I-96 to SB US-127
- SB US-127 to WB I-96
- SB US-127 to EB I-96
- Dunckel Road to SB US-127
- NB US-127 to WB I-496
- EB I-496 to Trowbridge Road
- SB US-127 to Trowbridge Road
- Trowbridge Road to SB US-127
- Kalamazoo / Howard to SB US-127



2025 Traffic Impacts

Closures from mid-June to October/November:

- NB US-127 to WB I-496
- EB I-496 to Trowbridge Road
- SB US-127 to Trowbridge Road
- Trowbridge Road to SB US-127
- Kalamazoo / Howard to SB US-127



2025 Traffic Impacts

Additional impacts to note:

- March 3 – around March 17
 - Closed lanes and ramps for switching traffic
- Forest Road
 - Closed under US-127 for 90 days mid-season
- Lansing River Trail
 - Closed for 4 weeks, tentatively late-May to late-June



Outreach

Future Public Outreach:

- Additional meetings as-needed/requested throughout the project and based on the proposed construction schedule.
- Public meeting scheduled for February 18 at the Foster Center
- Website: <https://www.michigan.gov/127Corridor>
 - Check website for updates, presentation slides, future meeting links, dates and times, and
 - Subscribe to US-127 updates on the website above



Questions?

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