



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
MERIDIAN TRANSPORTATION COMMISSION
February 17, 2022 6:00 p.m.

1. CALL MEETING TO ORDER
2. APPROVAL OF AGENDA
3. APPROVAL OF MINUTES
 - A. November 18, 2021
4. COMMUNICATIONS
5. PUBLIC REMARKS
6. COMMISSION DISCUSSION
 - A. Pathway User Safety During Construction Projects (Potter)
 - B. MDOT M-43 Project update (Staff)
 - C. Okemos Road Project update (Staff)
 - D. General Commission Comments
7. REPORTS / ANNOUNCEMENTS
 - A. Township Board
 - B. Planning Commission
 - C. Chair
 - D. Staff
8. NEXT MEETING DATES
 - A. Township Board Meeting March 1, 2022
 - B. Transportation Commission Meeting **May 19, 2022**
9. ADJOURNMENT

IN PERSON MEETING
Central Fire Station
Community Room
5000 Okemos Road

Individuals with disabilities requiring auxiliary aids or services should contact Director of Community Planning and Development Mark Kieselbach, 5151 Marsh Road, Okemos, MI 48864 or 517.853.4506 - Ten Day Notice is Required.
Meeting Location: 5000 Okemos Road, Okemos, MI 48864 Central Fire St.

Providing a safe, welcoming, sustainable, prime community.





Charter Township of Meridian
Meridian Transportation Commission
5151 Marsh Road, Okemos, MI 48864
Thursday, November 18, 2021– Minutes – DRAFT

Members Present: Chair Vagnozzi, Vice-Chair Lovell, Commissioners VanCoevering, Robertson,
And Trustee Opsommer

Members Absent: Commissioners Hudson and Potter

Others Present: Community Planning & Development Director Tim Schmitt, Meridian Township
K-9 Officer Blaine Anderson

1. CALL MEETING TO ORDER

Chair Vagnozzi called the meeting to order at 7:00pm

2. APPROVAL OF THE AGENDA

MOTION BY COMMISSIONER VANCOEVERING TO APPROVE THE AGENDA. SUPPORTED BY TRUSTEE OPSOMMER. MOTION PASSES 5-0.

3. APPROVAL OF THE MINUTES – August 19, 2021

MOTION BY VICE CHAIR LOVELL TO APPROVE THE MINUTES. SUPPORTED BY COMMISSIONER ROBERTSON. MOTION PASSES 5-0.

4. COMMUNICATIONS

No communications were received since the last meeting.

5. PUBLIC REMARKS

There were no comments from the public.

6. COMMISSION DISCUSSION

A. Towar/Lake Lansing Intersection

Chairperson Vagnozzi introduced the resolution Staff prepared regarding the Commission's position on the Towar/Lake Lansing intersection and the non-motorized access around the intersection after construction. The Commission discussed potential changes to the resolution and agreed to amend the resolution to ensure that the language clearly state that the Commission's

desire is for fully signalized pedestrian activated crosswalks at all legs of the intersection, after construction. Staff agreed to amend the resolution to meet this intent.

MOTION BY TRUSTEE OPSOMMER TO APPROVE THE MERIDIAN TOWNSHIP TRANSPORTATION COMMISSION'S SUPPORT FOR PEDESTRIAN ACCESS IN THE TOWAR AND LAKE LANSING INTERSECTION REDESIGN. SUPPORTED BY VICE CHAIR LOVELL. MOTION PASSES 5-0.

B. MDOT M-43 Project

The Commission discussed the forthcoming work on Grand River Avenue scheduled for 2022. Staff outlined the work, along with the associated drain work that will occur through the Ingham County Drain Commissioner's office. Substantial conversation occurred around the project and the improvements that will be made. The Commission had two major points to relay to MDOT regarding the project:

- The crosswalk island at Meijer should have a signal for pedestrian access.
- The retaining wall north of Playmakers needs to be extremely solid, so the non-motorized pathway that is being installed can last.

C. Safe Routes to Schools – Kinawa/Chippewa

Director Schmitt updated the Commission on the status of the Safe Routes to Schools program at Kinawa/Chippewa schools. After a recent kick off meeting, the grant administrators from Michigan State University feel as though the application would be successful and school administrators plan on moving forward with the application.

D. 2022 Commission Meeting Dates

The Commission reviewed the proposed meeting dates for 2022. It was agreed that meetings would start at 6:00 PM going forward.

MOTION BY TRUSTEE OPSOMMER TO MERIDIAN TOWNSHIP TRANSPORTATION COMMISSION'S 2022 MEETING SCHEDULE. SUPPORTED BY VICE CHAIR LOVELL. MOTION PASSES 5-0.

E. General Commission Comments

There was no discussion from the Commission at this point.

7. REPORTS/ANNOUNCEMENTS

A. Township Board

Trustee Opsommer updated the Commission on recent actions from the Township Board.

B. Planning Commission

C. Chair

Chair Vagnozzi pointed out that a substantial public information campaign will occur around the M43 construction and the Township should reiterate that we have no roads, this is a project being driven by MDOT and the Okemos Road bridge work is being done by Ingham County. Additionally, substantial outreach regarding the safety in work zones, detours, and timing of the plans will be necessary.

Commissioner Potter brought up the requirement for covered bike parking and the need to specify the cover required and prevent moped parking from taking over the bike parking. He also brought up the chip sealing done by the County Road Department and concerns with the work that was done this year.

D. Staff

Director Schmitt had no update.

8. NEXT MEETING DATES

The next meeting of the Commission will be January 20, 2022.

9. ADJOURNMENT

Vice Chair Lovell adjourned the meeting at 8:19 p.m.

RESOLUTION OF SUPPORT

Towar and Lake Lansing Design

RESOLUTION

At a regular meeting of the Transportation Commission of the Charter Township of Meridian, Ingham County, Michigan, held at the Central Fire Station Community Room, in said Township on the 18th day of November, 2021, at 7:00 p.m., Local Time.

PRESENT: Chairperson Vagnozzi, Vice Chair Lovell, Trustee Opsommer
Commissioner Robertson, Commissioner Van Coevering

ABSENT: Commissioner Potter, Commissioner Hudson

The following resolution was offered by Trustee Opsommer and supported by Vice Chair Lovell.

WHEREAS, the Ingham County Road Department is currently working on designs for the reconstruction of the intersection of Towar Avenue, Lake Lansing Road, and Birch Row Drive; and

WHEREAS, the intersection is an area where the boundaries of the City of East Lansing and Meridian Township are contiguous, putting the intersection in both municipalities; and

WHEREAS, the current design is unsafe for non-motorized traffic; and

WHEREAS, pedestrians generally take the shortest path to their destinations and intersections with vehicular traffic need to be designed to make that as safe as possible; and

WHEREAS, the Transportation Commissions for both East Lansing and Meridian Township met and agreed that redesign of the intersection needs to make the intersection safer for non-motorized traffic.

NOW THEREFORE, BE IT RESOLVED THE TRANSPORTATION COMMISSION OF THE CHARTER TOWNSHIP OF MERIDIAN supports redesign of the Lake Lansing/Towar/Birch Row intersection with audible, fully signalized pedestrian crosswalks at all four legs of the intersection, due to the retail businesses in the area, and

BE IT FURTHER RESOLVED, the Commission further supports a crosswalk on the east side of the Towar and Birch Row intersection for the same reason.

ADOPTED: YEAS: Chairperson Vagnozzi, Vice Chair Lovell, Trustee Opsommer
Commissioner Robertson, Commissioner Van Coevering

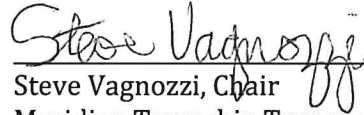
NAYS: None

**RESOLUTION OF SUPPORT
Page 2**

Towar and Lake Lansing Design

STATE OF MICHIGAN)
) ss
COUNTY OF INGHAM)

I, the undersigned, the duly qualified Chairperson of the Transportation Commission of the Charter Township of Meridian, Ingham County, Michigan, DO HEREBY CERTIFY that the foregoing is a true and a complete copy of a resolution adopted at a regular meeting of the Transportation Commission on the 18th day of November, 2021.



Steve Vagnozzi, Chair
Meridian Township Transportation Commission

Title VI of the Civil Rights Act

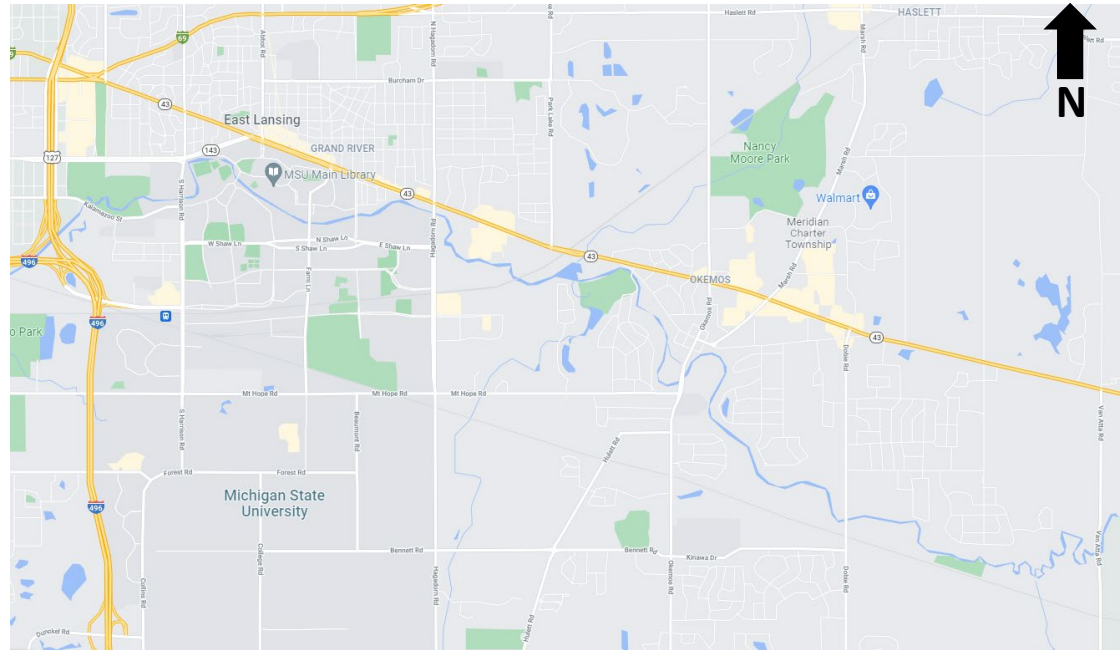
Title VI of the Civil Rights Act of 1964 requires MDOT to provide the opportunity for everyone to comment on transportation programs and activities that may affect their community.

Please take the three-question survey found in the back of the room.

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.

M-43 (Grand River) Corridor

- Urban five-lane
- 16,400 - 25,600 vehicles per day
- 3.2 miles long
- 0.45 miles of full roadway reconstruction
- Estimated cost: \$12,000,000
- Road work occurs 2022-2023



Project Improvements

M-43 (Grand River) Mainline

Roadway milling and multiple course asphalt resurfacing
with Concrete Base repairs

Two areas of reconstruction-

1200' Concrete Reconstruction of M-43 at Nakoma Dr

1030' Concrete Reconstruction of M-43 at Okemos Road

- Both reconstruction areas will raise the grade of M-43 above the 10 year flood elevation
- Drainage improvements in the reconstruction areas will minimize future flooding events

ADA Ramp Improvements

Pedestrian Islands

Traffic signal improvements

Pavement Markings

Project Improvements

MDOT partnering

- Meridian Township to relocate 1085' of 16-inch Water Main
- Meridian Township provided the floodplain mitigation site
- Ingham County Drain Commissioner will be upgrading the Okemos Drain and Grettenberger Drain within the limits of MDOT's reconstruction.
- Ingham County Drain Commissioner has future plans to upgrade the the Grettenberger and Okemos Drains as part of the new Okemos Consolidated Drain

M-43 @ Nakoma

Known Flooding

May 19, 2020



M-43 at Nakoma

Known Flooding- lane closures required

May 21, 2020



Flooding

Known Flooding- Red Cedar River at Nakoma Bridge over the Red Cedar the Red Cedar May 21, 2020



Flooding

Known Flooding- Indian Hills Golf Course May 21, 2020



Red Cedar River Information

FEMA Flood Insurance Study

August 16, 2011

Upstream area of the Red Cedar River Watershed at Nakoma Drive
337.9 square miles ~216,240 Acres

MDOT Contributing Area to Grand River trunk sewer (Mohawk to crest east of
Marsh) ~ 24 Acres

Effective: August 16, 2011



Federal Emergency Management Agency

**FLOOD INSURANCE STUDY NUMBER
26065CV000A**

Grade Raise

Flood Elevations at Nakoma were obtained from the FEMA Flood Study.

<u>Storm Event</u>	<u>Elev</u>	<u>Grade Raise (low point Grand River)</u>
500 Year	846.0	10 feet
100 Year	842.5	5 feet
50 Year	841.0	3.5 feet
10 Year	838.5	~2 feet

MDOT only could reasonably accommodate a ~2' grade raise without major impacts to the floodplain and adjacent properties. This in combination with the upgrades to the storm system will minimize flooding of the low areas. When the River is in flood conditions flooding may still occur.

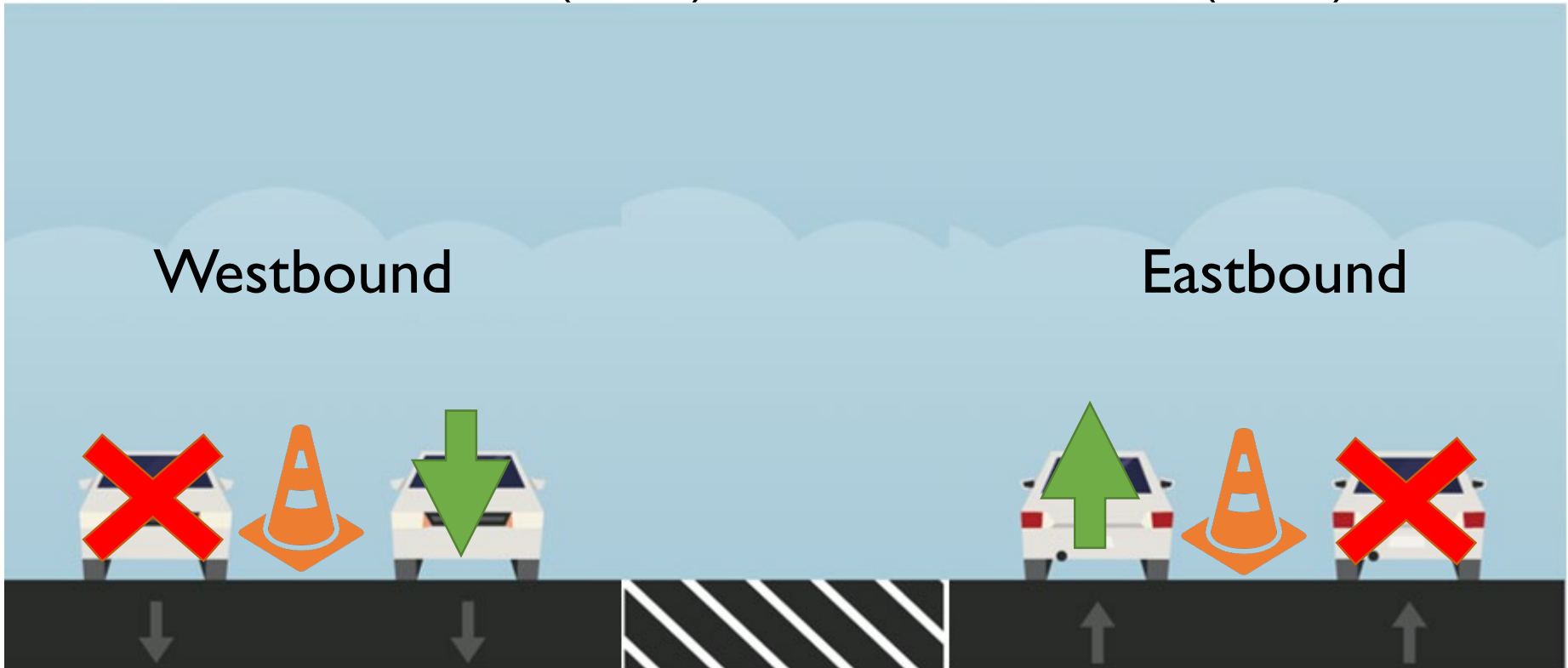
M-43 Construction Traffic Pattern

Stage 1 - 2022

Park Lake Rd (POB) to Oak Pointe Ct (POE)*

Westbound

Eastbound



* Gapping the reconstruction areas

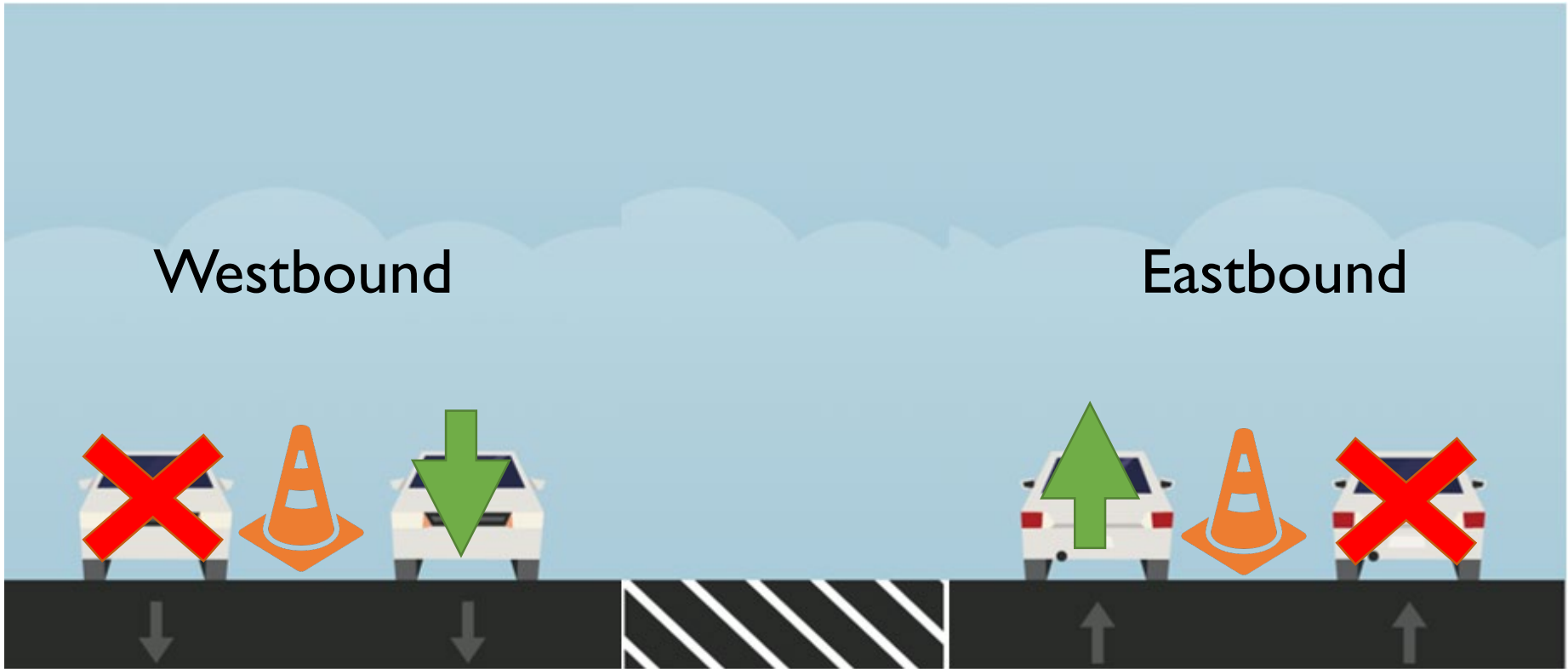
M-43 Construction Traffic Pattern

Stage 2A - 2022

150 ft West of Marsh Rd to Cornell Rd

Westbound

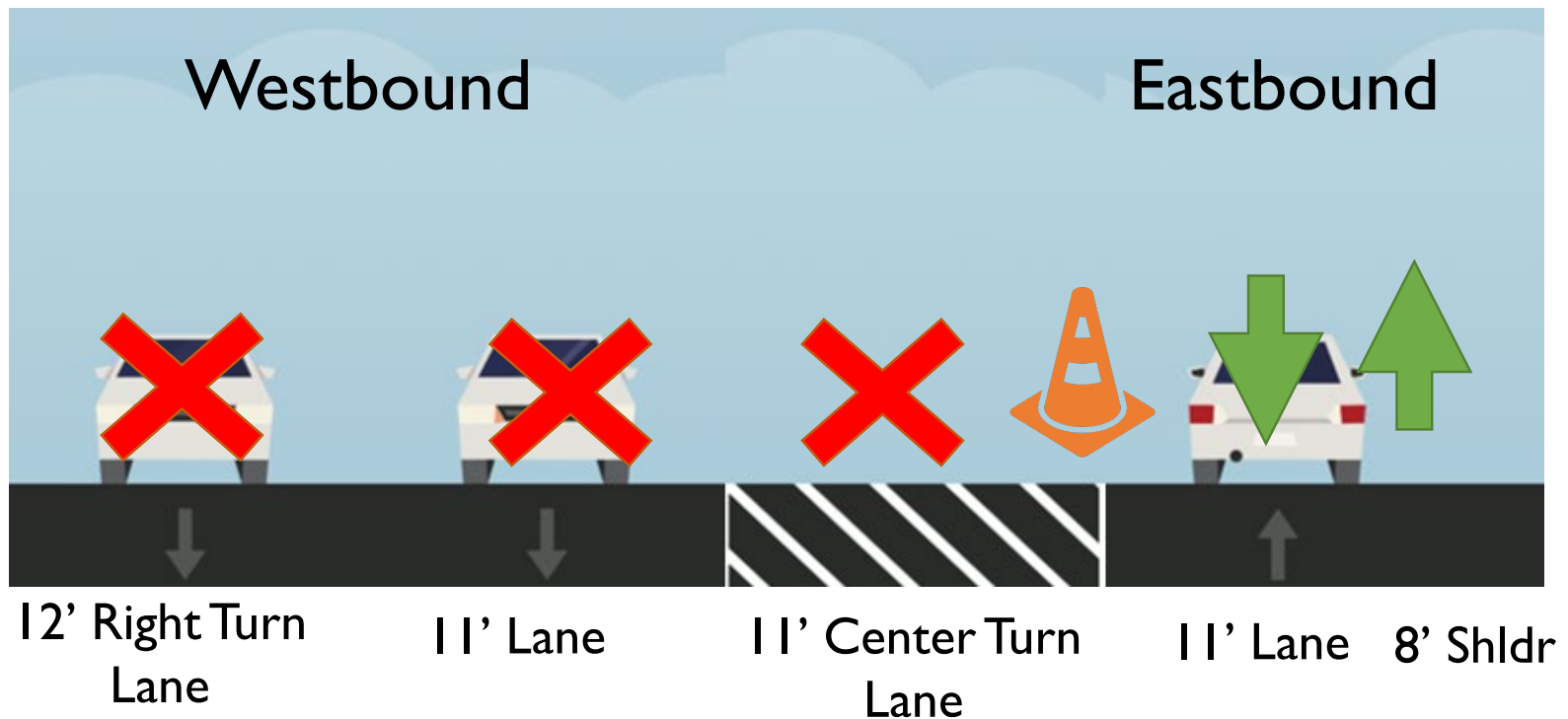
Eastbound



M-43 Construction Traffic Pattern

Stage 2B - 2022

Cornell Rd to Oak Point Ct (POE)



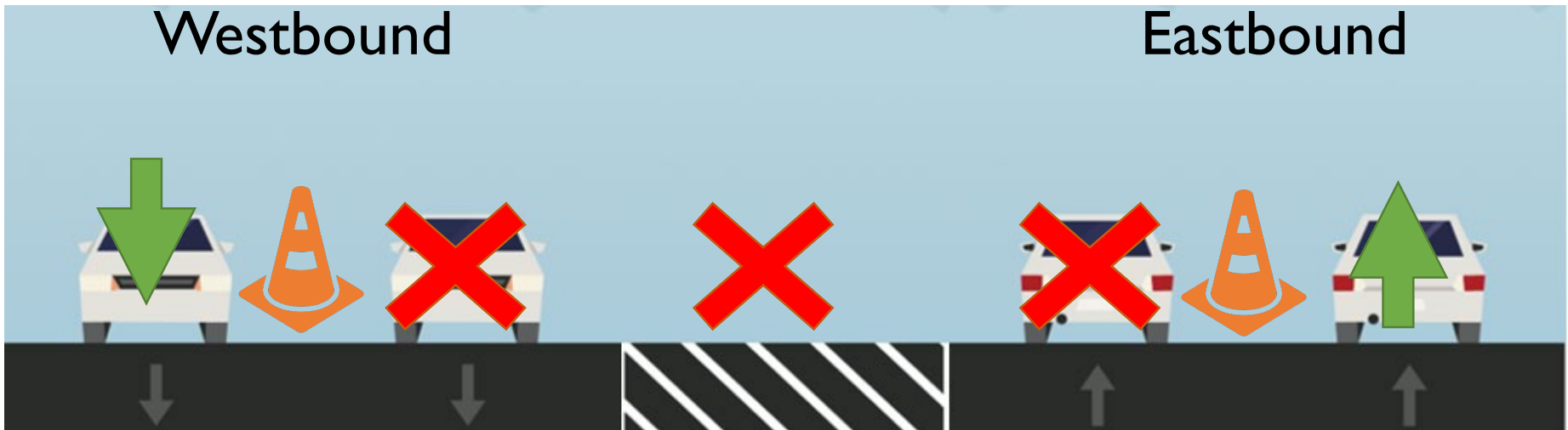
M-43 Construction Traffic Pattern

Stage 3A - 2022

150 ft West of Marsh Rd to Cornell Rd

Westbound

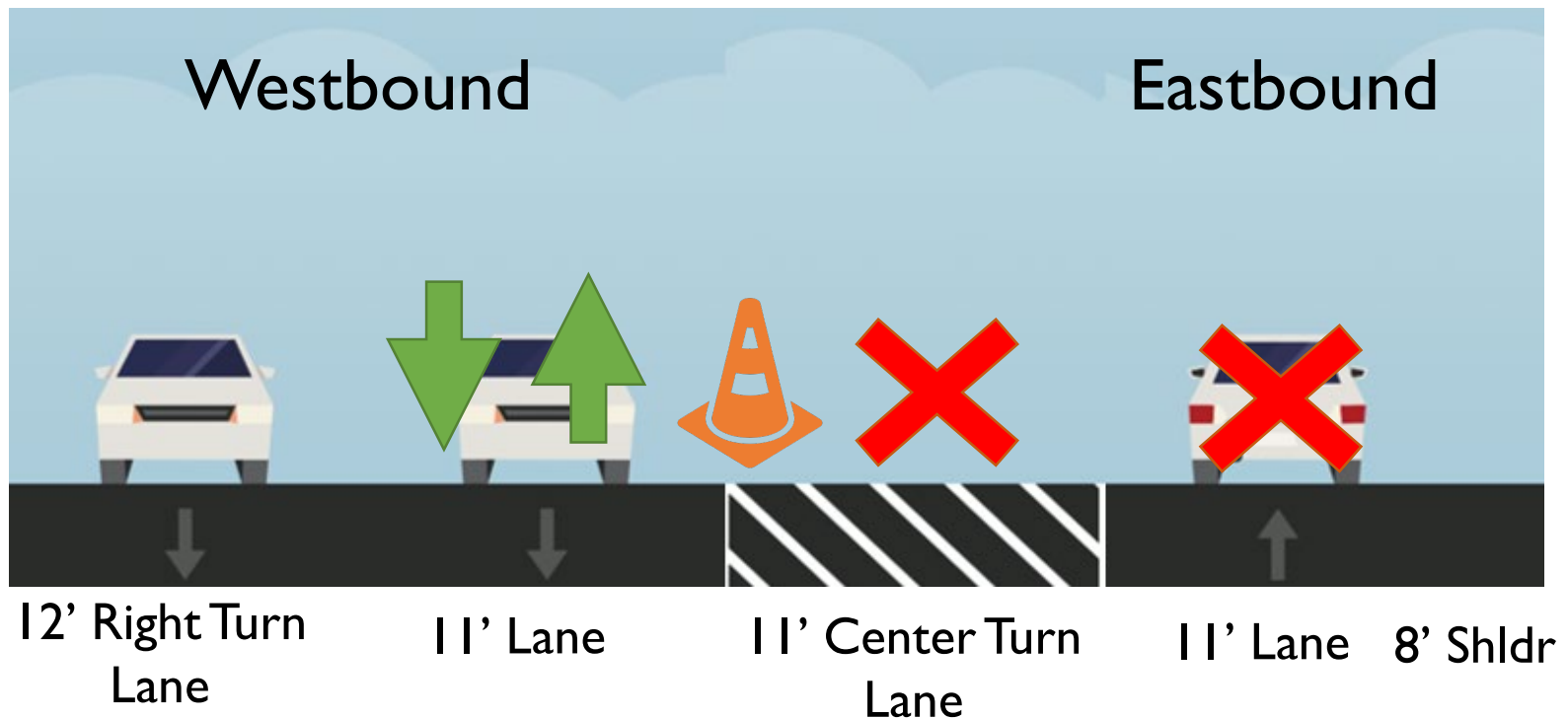
Eastbound



M-43 Construction Traffic Pattern

Stage 3B - 2022

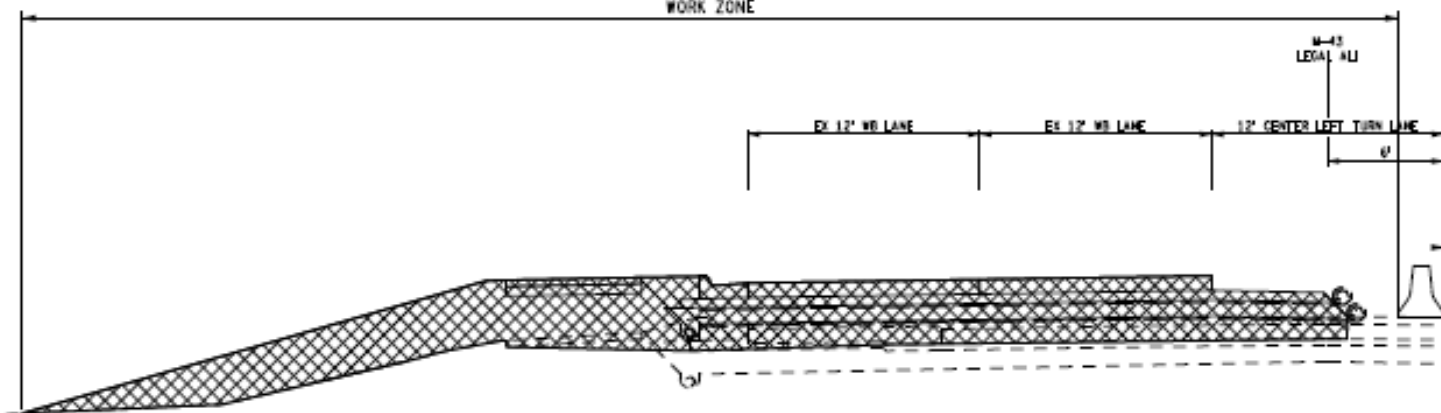
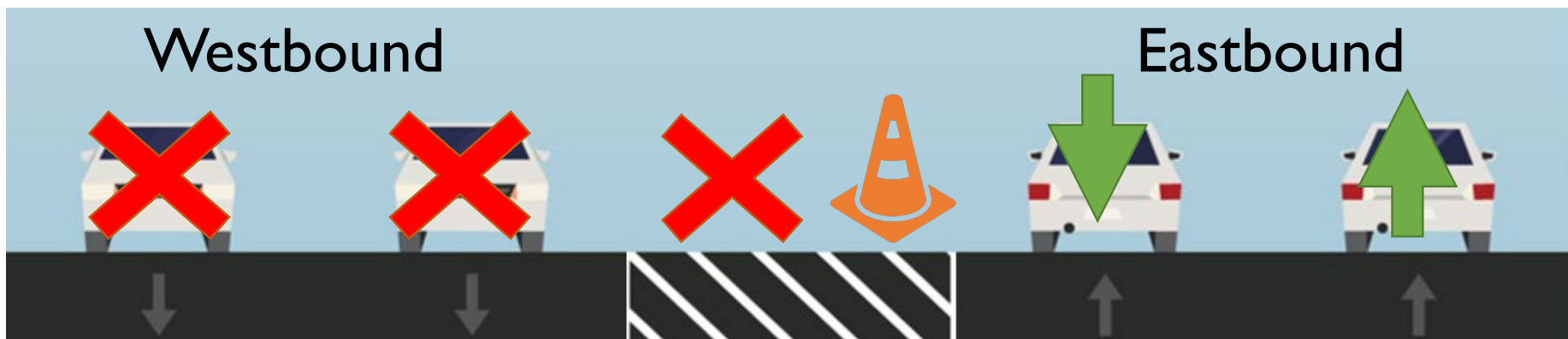
Cornell Rd to Oak Point Ct (POE)



M-43 Construction Traffic Pattern

Stage 4 - 2022

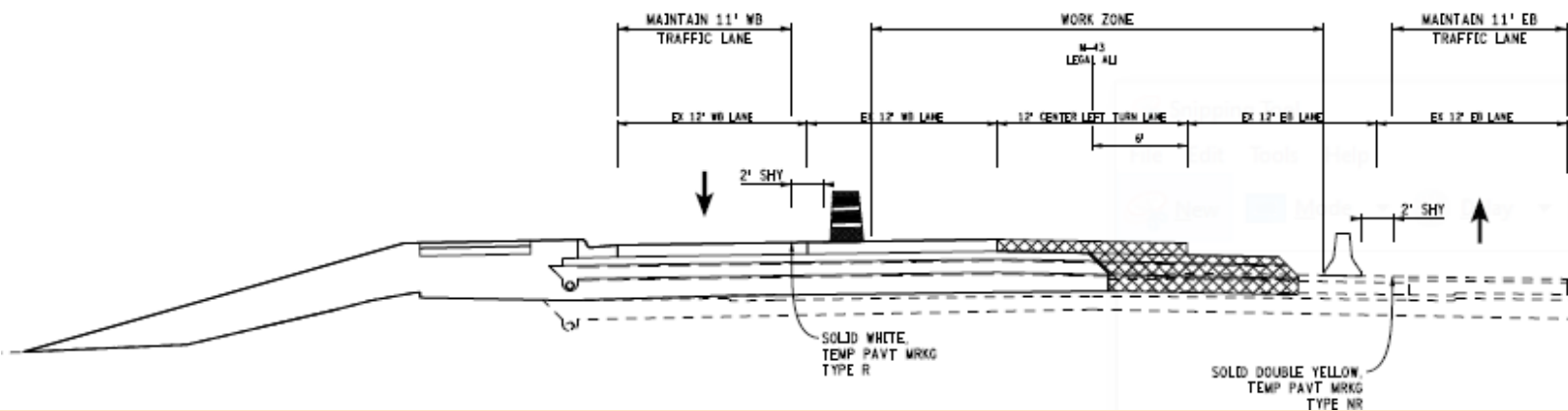
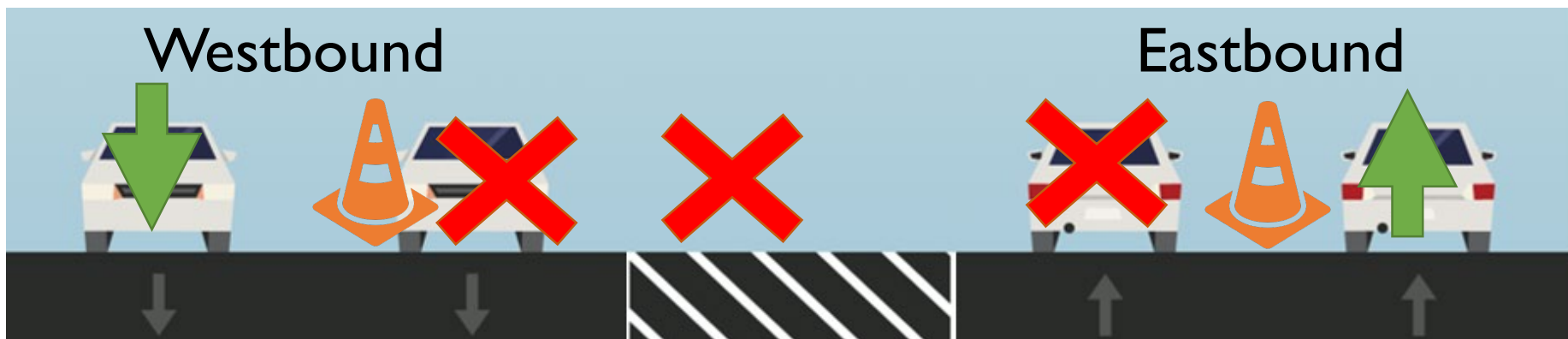
Reconstruct North half of M-43 from Mohawk Rd to Montrose Ave and from Hillcrest Ave to 650 East of Okemos Rd



M-43 Construction Traffic Pattern

Stage 5 - 2022

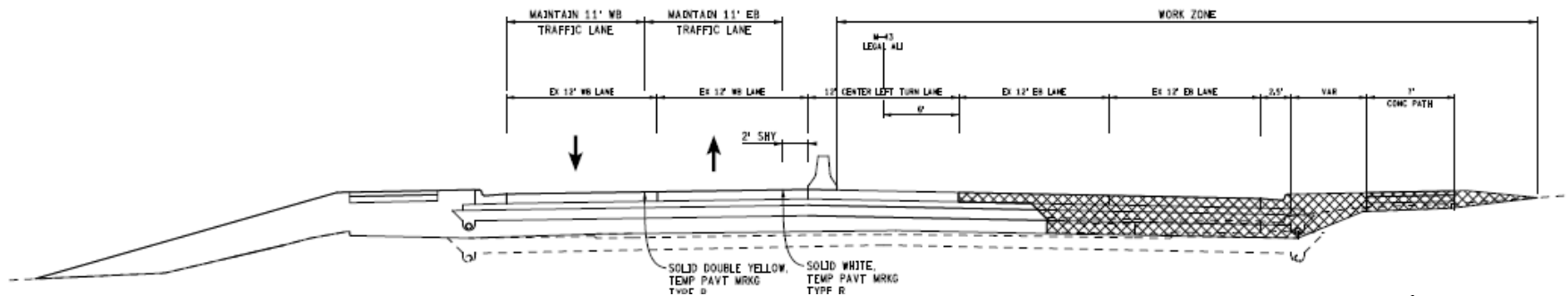
Reconstruct Center Lane of M-43 from Mohawk Rd to Montrose Ave and from Hillcrest Ave to 650 East of Okemos Rd



M-43 Construction Traffic Pattern

Stage 6 - 2022

Reconstruct South half of M-43 from Mohawk Rd to Montrose Ave and from Hillcrest Ave to 650 East of Okemos Rd



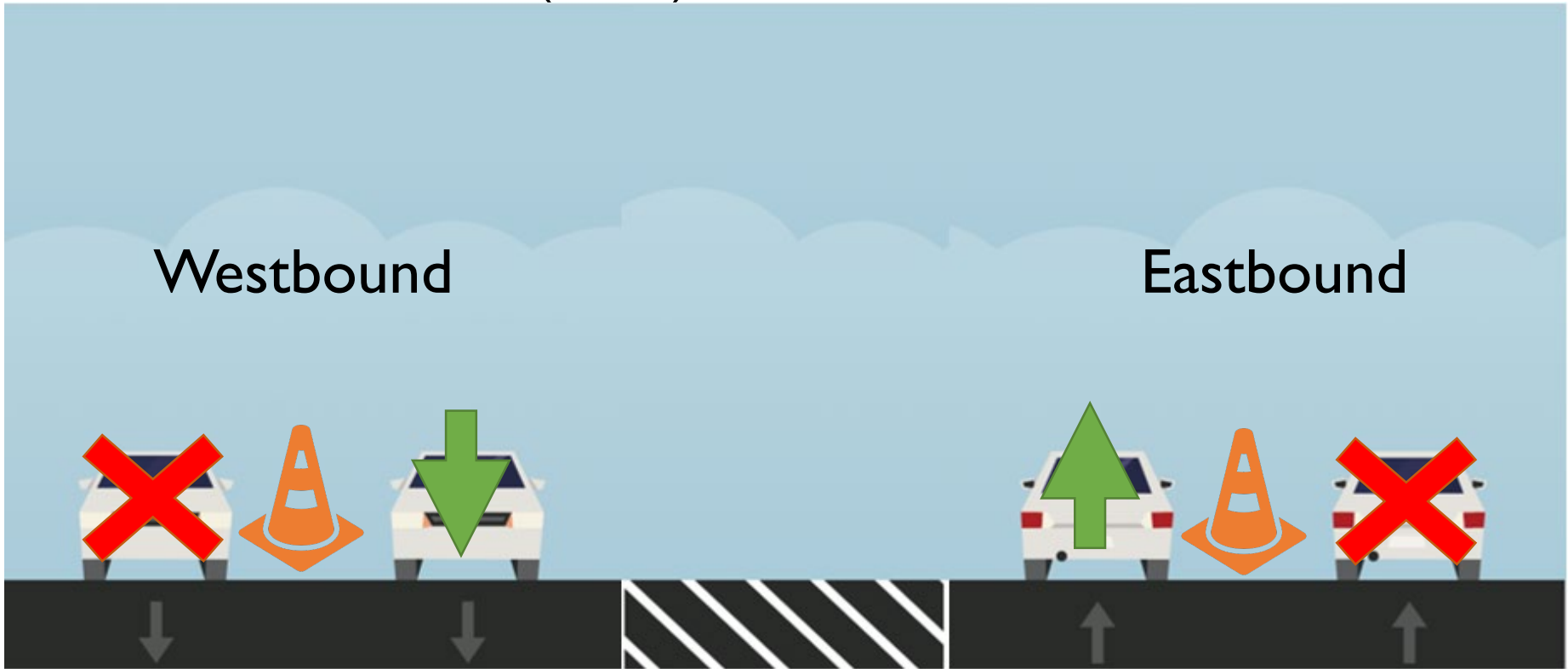
M-43 Construction Traffic Pattern

Stage 7 - 2023

Park Lake Rd (POB) to 150' West of Marsh Rd*

Westbound

Eastbound



* Gapping the reconstruction areas

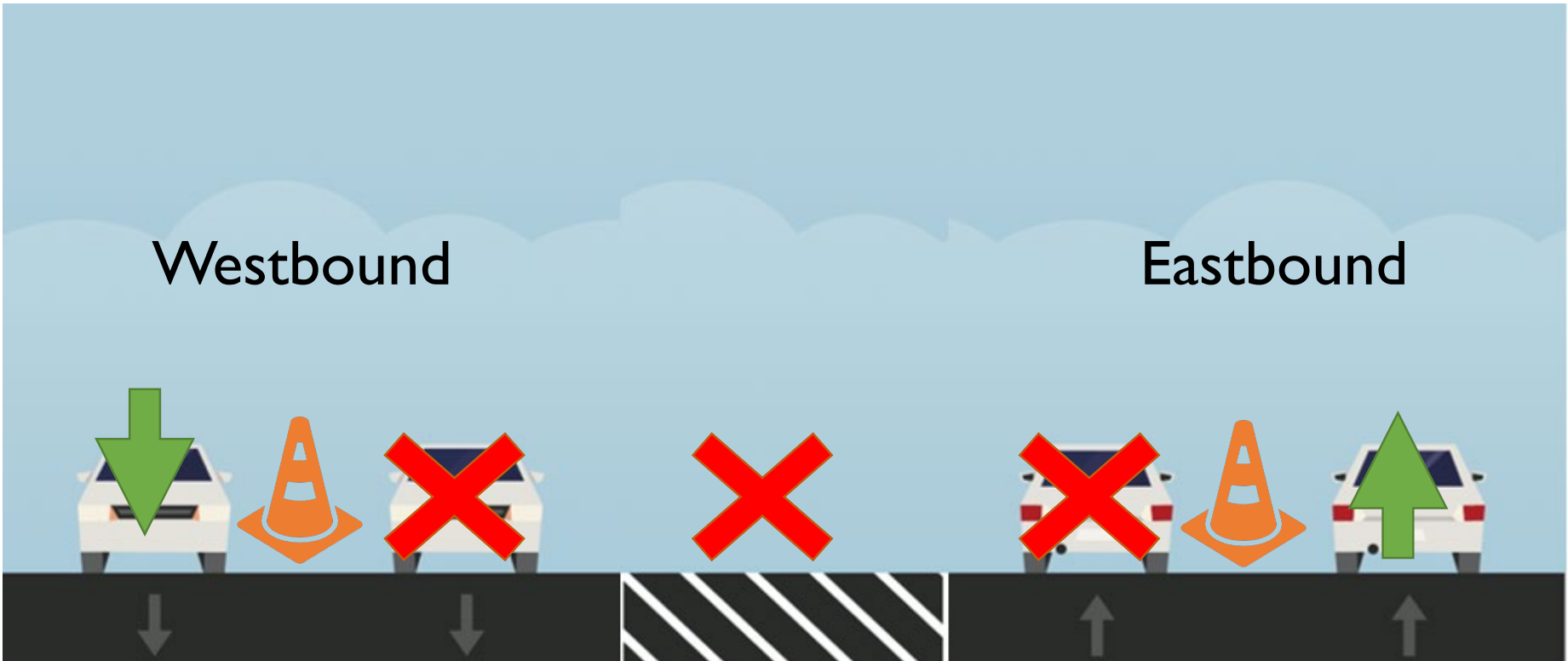
M-43 Construction Traffic Pattern

Stage 8 - 2023

Park Lake Rd (POB) to 150' West of Marsh Rd*

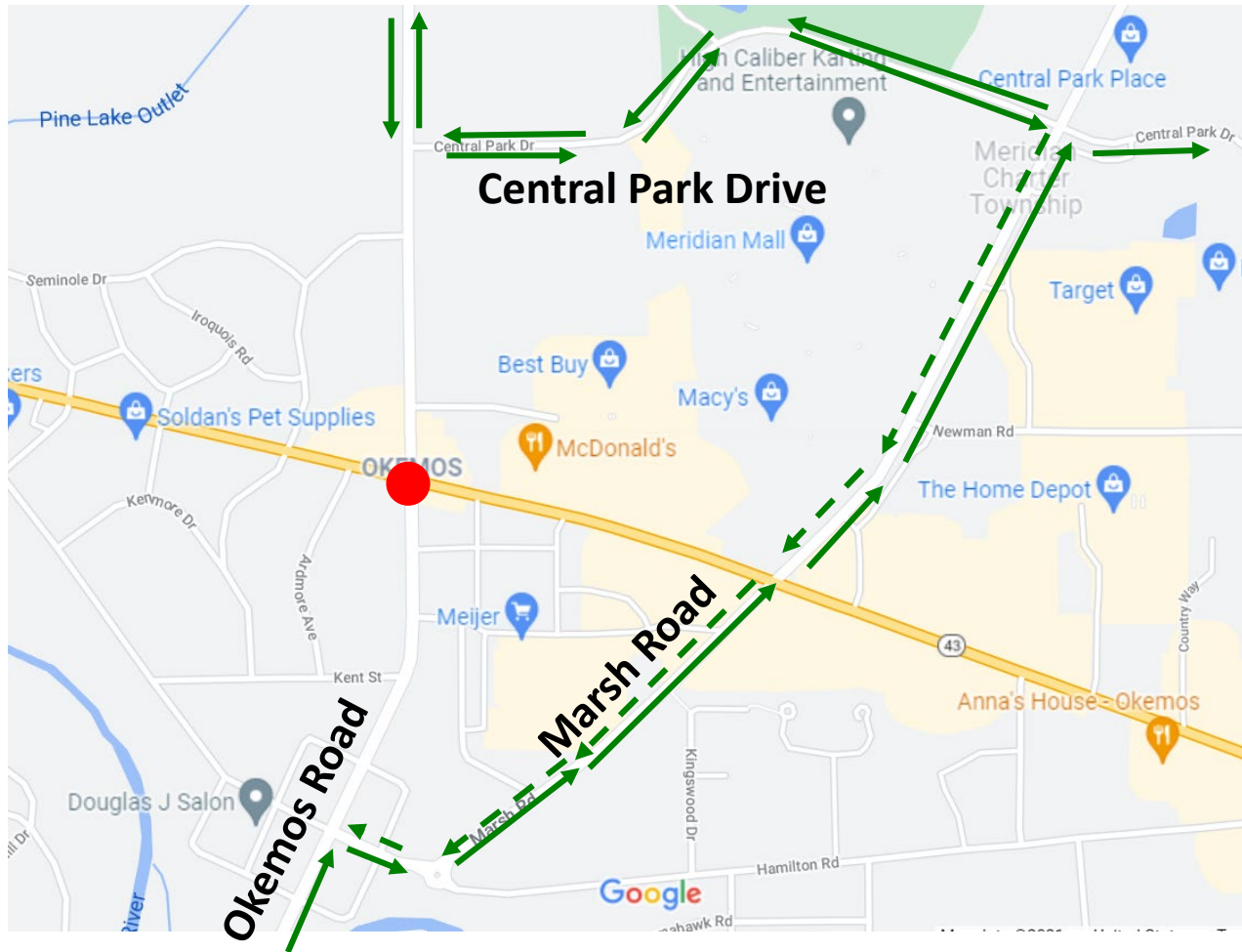
Westbound

Eastbound



M-43 Okemos Road Construction Detour

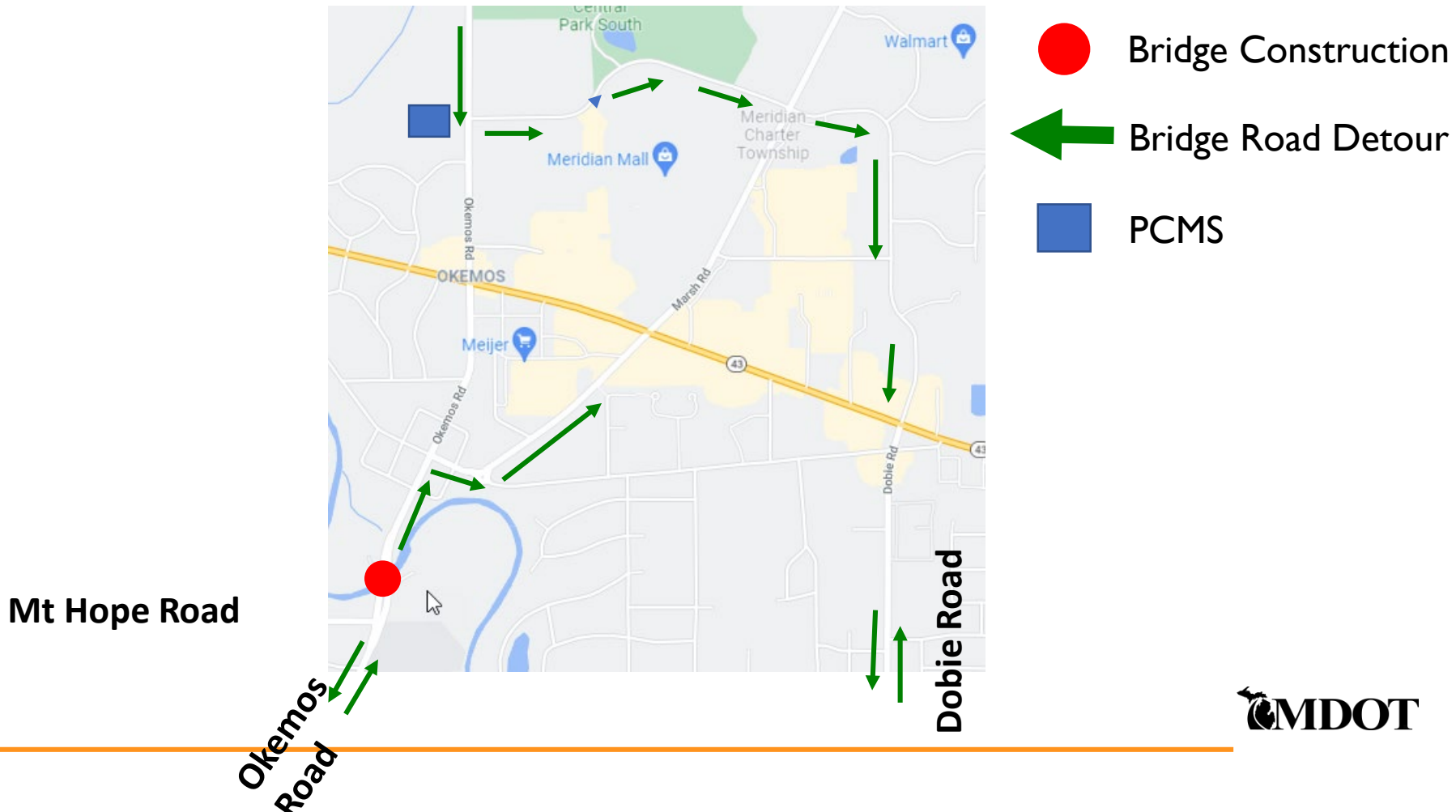
Okemos Road Intersection Detour



- Intersection Construction
- ← Road Detour
- ← Local Access

Okemos Rd Bridge Construction ICRD

Okemos Road Bridge Detour



M-43 Project Global Signing



Static Signs

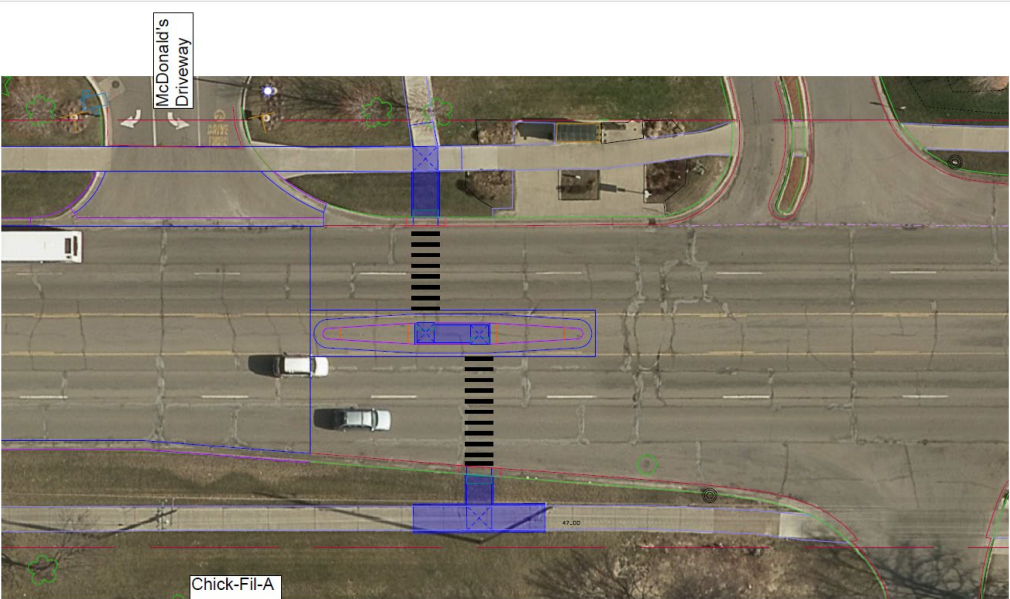
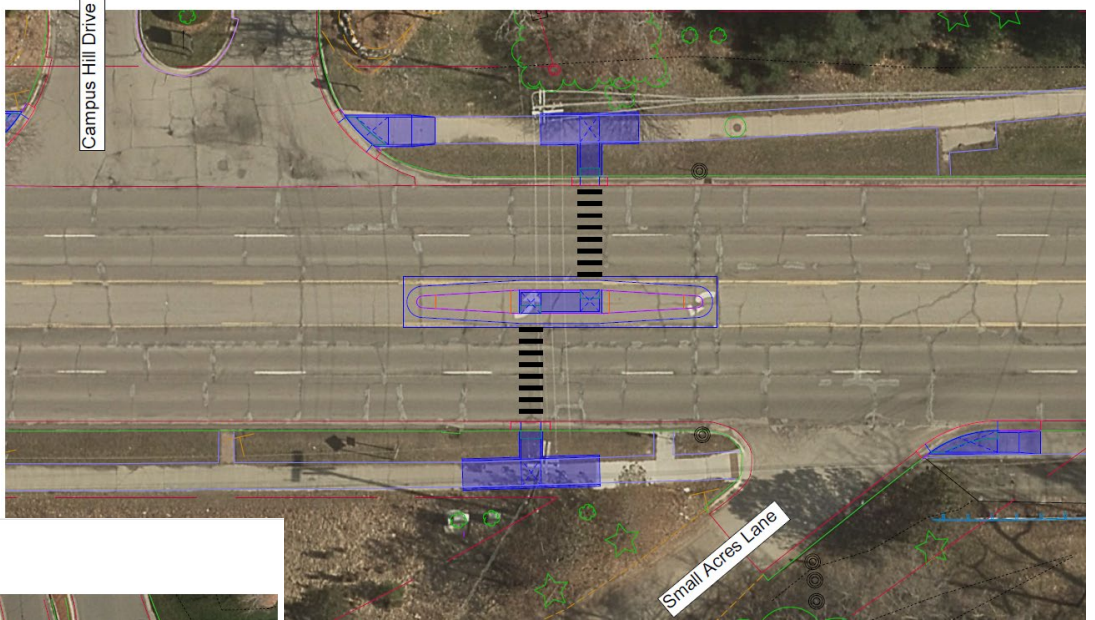
DMS

PCMS

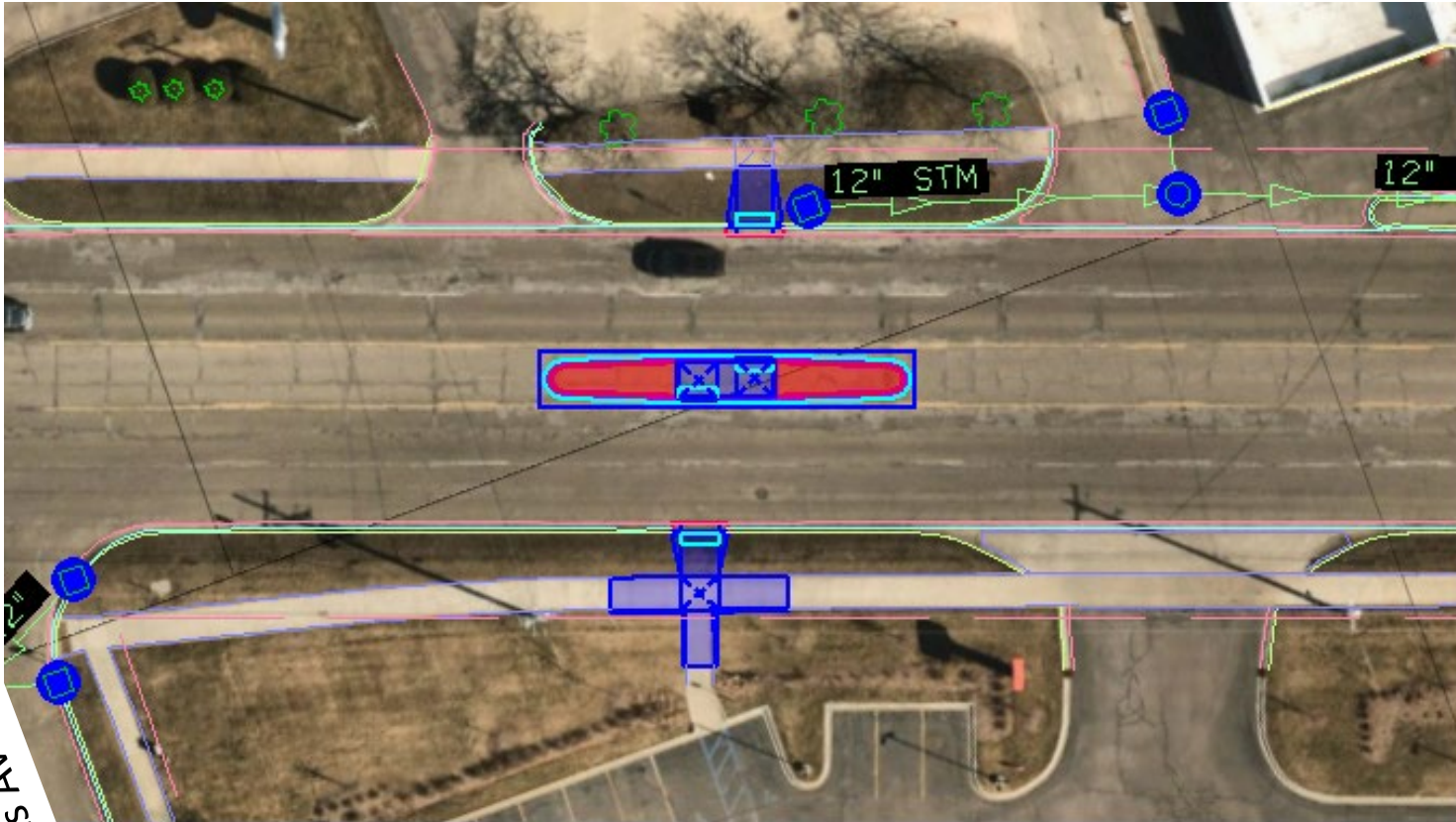
SP-3
(66"X66")



Pedestrian Islands

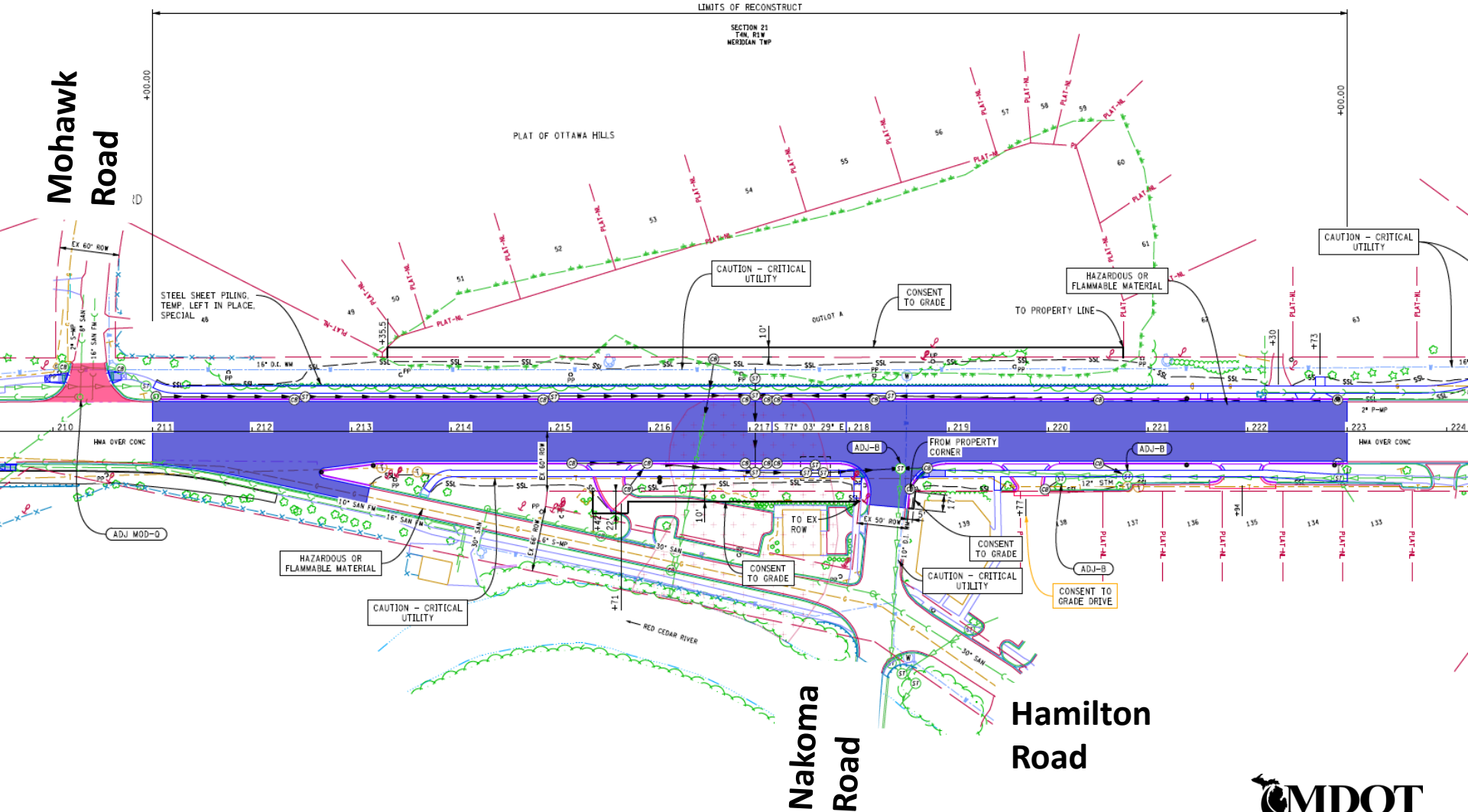


Pedestrian Islands

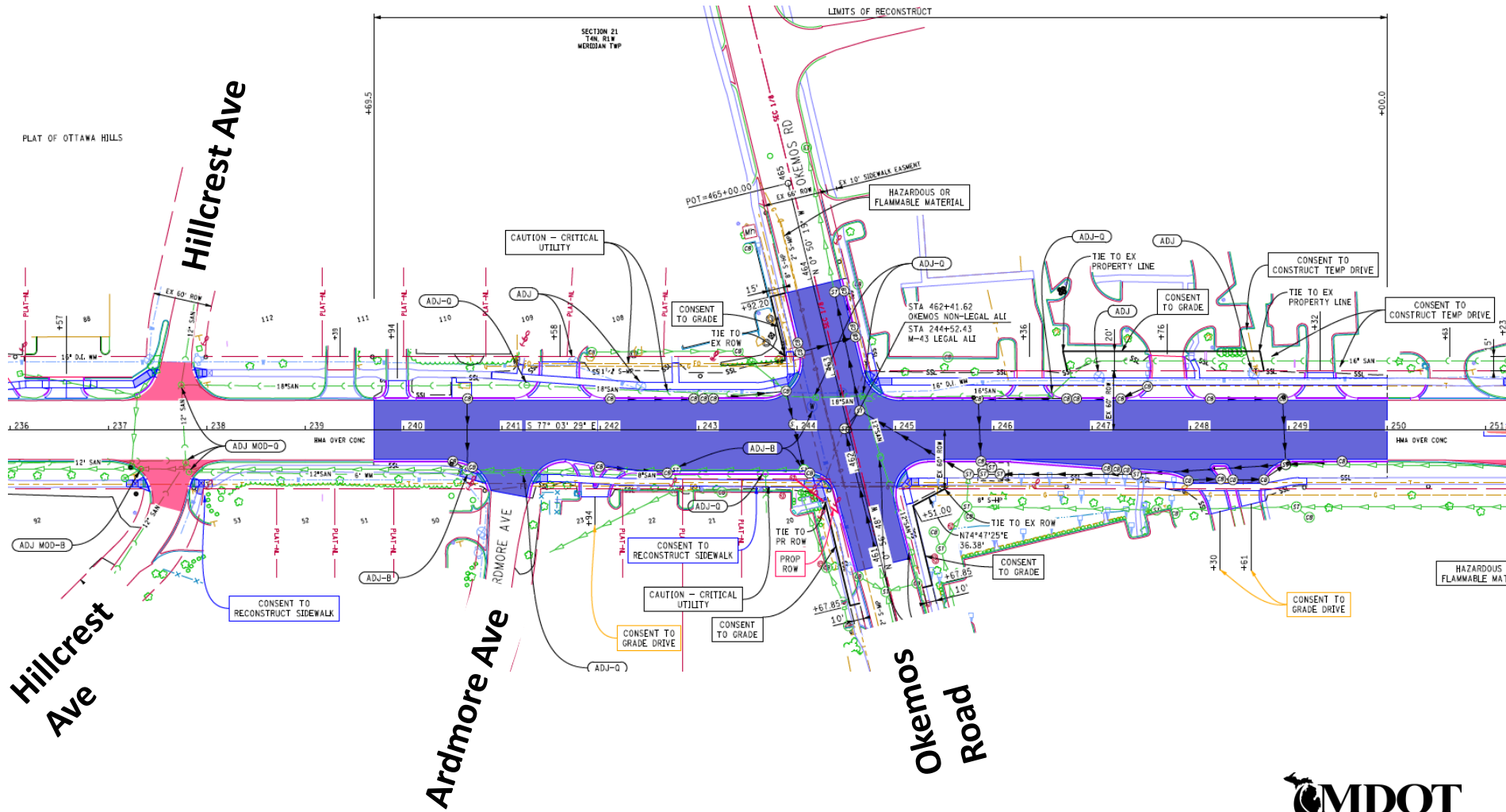


Washington
Ave.
Heights

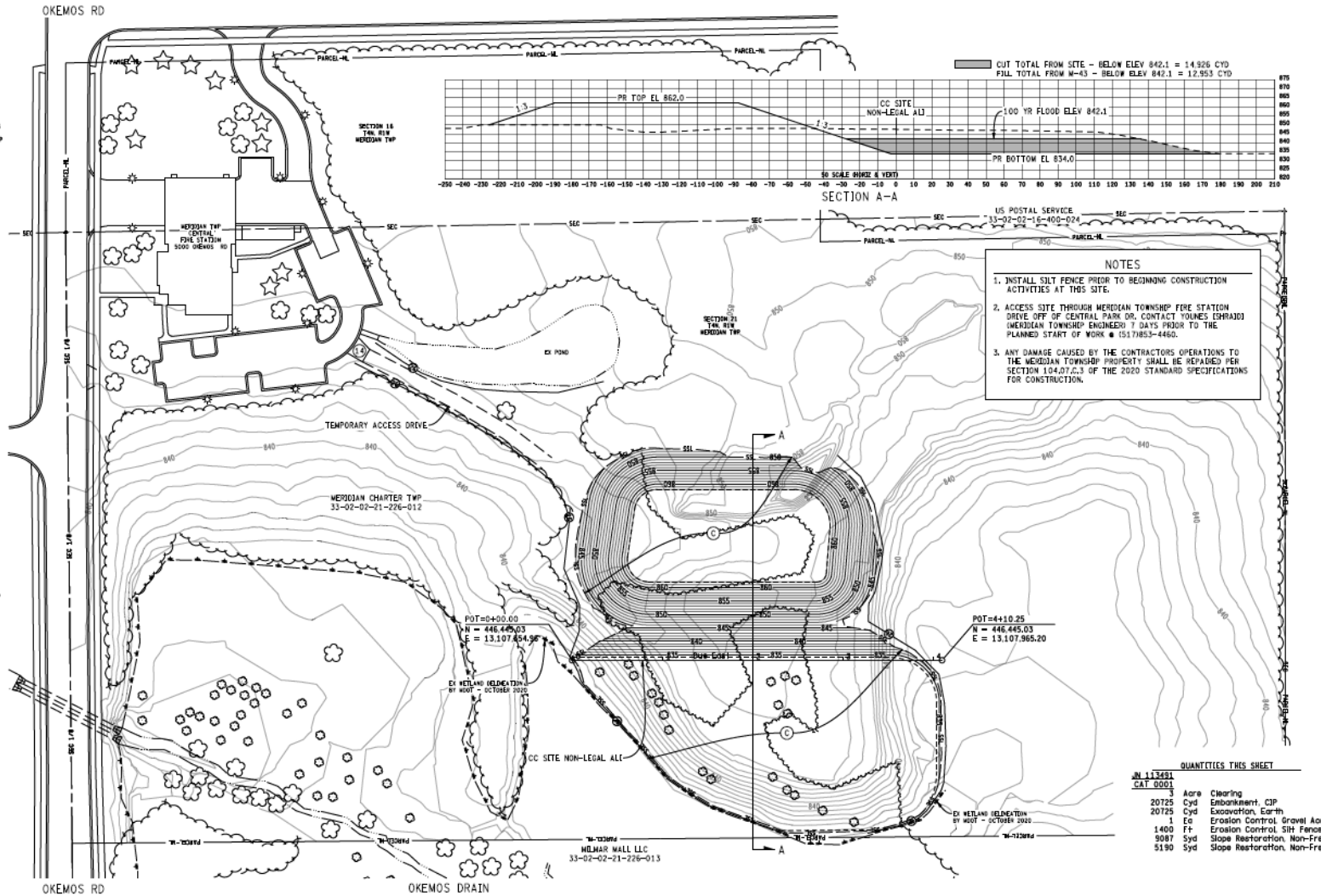
Nakoma Reconstruct Limits



Okemos Reconstruct Limits



100-yr Floodplain Fill Mitigation



Future Outreach

Future Scheduled Public Meetings:

- Tentative In-Person Meetings in March
- Additional meetings as-needed/requested throughout the project

M-43 Project Website (coming soon)

- Check website for updates, presentation slides, future meeting links, dates and times, and other additional information

Questions and Answers

Contact: MDOT Lansing TSC
MDOT-LansingTSC@Michigan.gov
(517) 335-3754