



AGENDA
CHARTER TOWNSHIP OF MERIDIAN
MERIDIAN TRANSPORTATION COMMISSION
November 18, 2021 7:00 p.m.

1. CALL MEETING TO ORDER

2. APPROVAL OF AGENDA

3. APPROVAL OF MINUTES
A. August 19, 2021

4. COMMUNICATIONS

5. PUBLIC REMARKS

6. COMMISSION DISCUSSION

- A. Towar/Lake Lansing Resolution (Vagnozzi)
- B. MDOT M-43 Project (Staff)
- C. Safe Routes to Schools – Kinawa/Chippewa (Staff)
- D. 2022 Commission Meeting Dates (Staff)
- E. General Commission Comments

7. REPORTS / ANNOUNCEMENTS

- A. Township Board
- B. Planning Commission
- C. Chair
- D. Staff

8. NEXT MEETING DATES

- A. Township Board Meeting December 7, 2021
- B. Transportation Commission Meeting **January 20, 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, September 9, 2021– Minutes –DRAFT
Meeting held virtually using the Zoom web conferencing application

Members Present: Vice-Chair Lovell, Commissioners Potter (7:20 pm), Opsommer, Hudson and Robertson

Members Absent: Chair Vagnozzi and Commissioner VanCoevering

Others Present: Community Planning & Development Director Tim Schmitt, Director of Public Works Derek Perry, Planning Commission Liaison Christina Snyder, Planning Commissioner McConnell

1. CALL MEETING TO ORDER

Vice Chair Lovell called the meeting to order at 7:05pm

2. APPROVAL OF THE AGENDA

MOTION BY TRUSTEE OPSOMMER TO APPROVE THE AGENDA. SUPPORTED BY COMMISSIONER ROBERTSON. MOTION PASSES 4-0.

3. APPROVAL OF THE MINUTES-May 20, 2021

MOTION BY TRUSTEE OPSOMMER TO APPROVE THE MINUTES. SUPPORTED BY COMMISSIONER ROBERTSON. MOTION PASSES 4-0.

4. COMMUNICATIONS

No communications were received since the last meeting.

5. PUBLIC REMARKS

There were no comments from the public.

6. Commission Discussion

B. New CATA Route

This item was addressed first, as Commissioner Potter was not yet at the meeting.

Vice-Chair Lovell brought up the new CATA route that ran along Mount Hope to Hannah Plaza. The Commission briefly discussed the new route.

A. Safe Routes to Schools

Director Schmitt introduced the concept of Safe Routes to Schools (SRTS). Dave Prudden, a fifth grade teacher at Kinawa, has started an initial bike to school program at his school. There is a broader conversation beginning throughout the district and SRTS is gaining momentum in the community.

Vice Chair Lovell brought up the idea of the ‘virtual schoolbus’, an offshoot program of the SRTS program.

The Commission held a discussion about potential projects for funding. The funding for the program is very competitive and focuses on both soft costs and hard costs. Director Schmitt discussed the broad outlines of the funding criteria. Director Perry discussed previous partnerships that East Lansing and East Lansing Public Schools had on SRTS and what Meridian Township can learn from that.

C. Towar/Lake Lansing Intersection

Vice Chair Lovell began the discussion about the Towar and Lake Lansing intersection and potential redesign. There are major concerns with the ‘slip lane’ as it relates to non-motorized traffic and the lack of trail/path around the intersection. Thus far, the County is proposing to maintain the slip lane in the redesign of the intersection. Director Schmitt introduced the joint meeting with East Lansing in October to discuss this matter.

The Commission had an extensive discussion about redesigning the intersection to allow for safer biking and pedestrian travel through the intersection. The County has the money to do the work, the design has not been finalized as of yet. Director Perry made clear that the Road Department is interested in public input and they can make changes to accommodate the non-motorized traffic. The Road Department is supposed to be at the Joint EL/Meridian Transportation Commission meeting to share information about the project and hear input.

7. REPORTS/ANNOUNCEMENTS

A. Township Board

Trustee Opsommer mentioned the adoption of the Pathway Master Plan had been completed. He also discussed the MUPUD Ordinance amendments that are currently under review, including those that directly relate to the Transportation Commission, such as covered bike parking.

B. Planning Commission

Commissioner Snyder reported on the Planning Commission’s recent activity, including the Sparrow project at Jolly and Kansas and the removal of the curb cut on Kansas, and the potential for Form Based Code in the community. Trustee Opsommer further expounded upon the concept of Form Based Code and how it would potentially work in Meridian Township. Commissioner Snyder mentioned that 2022 will bring on the update to the Meridian Township Master Plan, five years after the previous plan was adopted.

C. Chair

There was no report from the Chair.

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 Perry updated the Commission on the local road program.

8. NEXT MEETING DATES

Staff reiterated that the next Transportation Commission meeting on October 4th will be a joint meeting with the East Lansing Transportation Commission. The topic will largely be the Lake Lansing/Towar intersection and how the communities can influence the final design with the County.

9. ADJOURNMENT

Vice Chair Lovell adjourned the meeting at 8:03 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: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

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, signalized crosswalks on the northwest and southeast corners of the intersection, due to the retail businesses at these locations, 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: _____

NAYS: _____

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

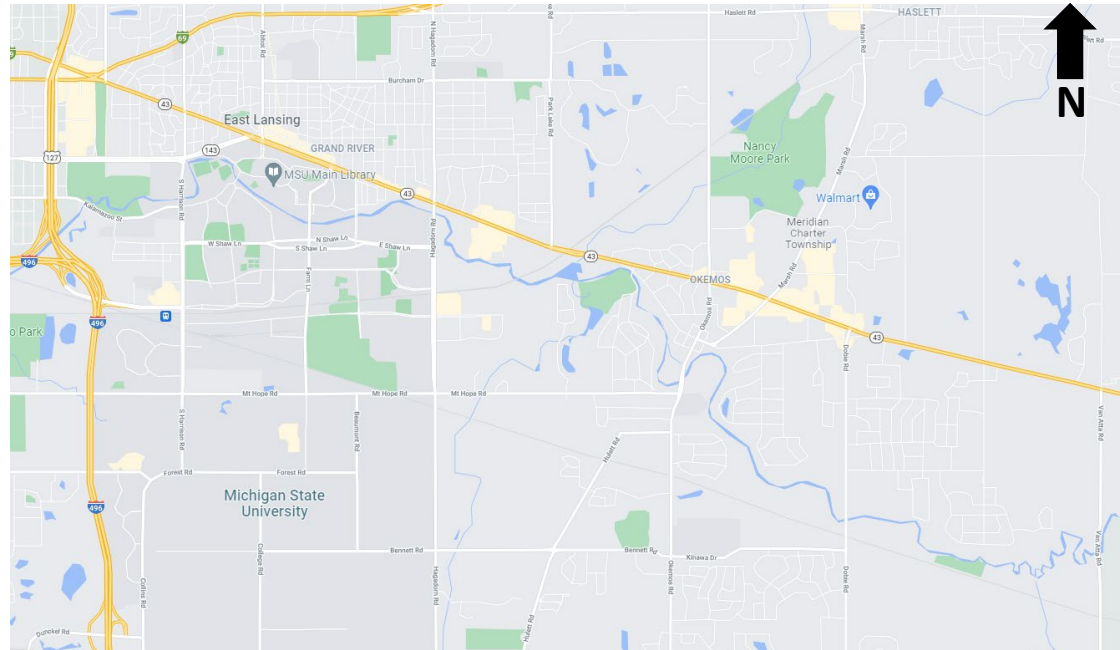
Title VI of the Civil Rights Act of 1964 requires MDOT to provide the opportunity for everyone to comment on transportation programs and activities that may affect their community.

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.

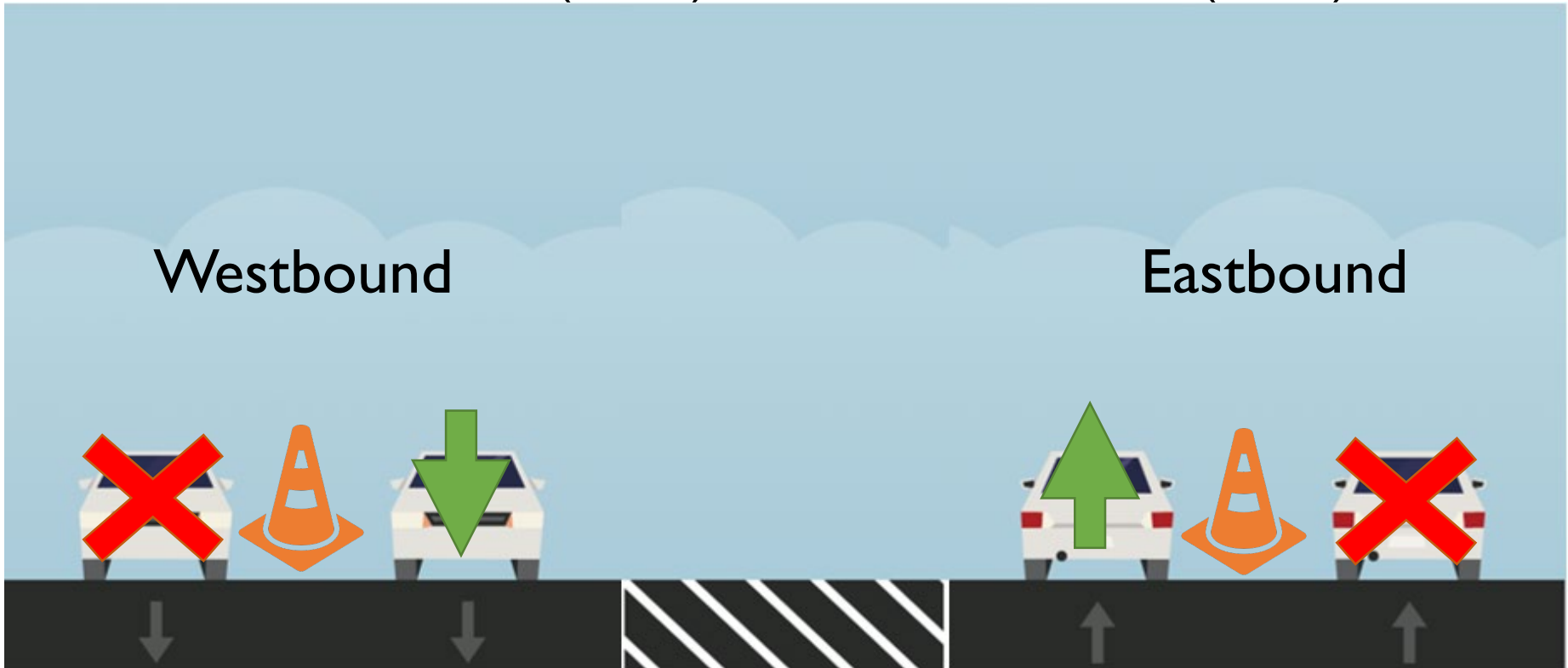
M-43 Construction Traffic Pattern

Stage 1 - 2022

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

Westbound

Eastbound



* Gapping the reconstruction areas

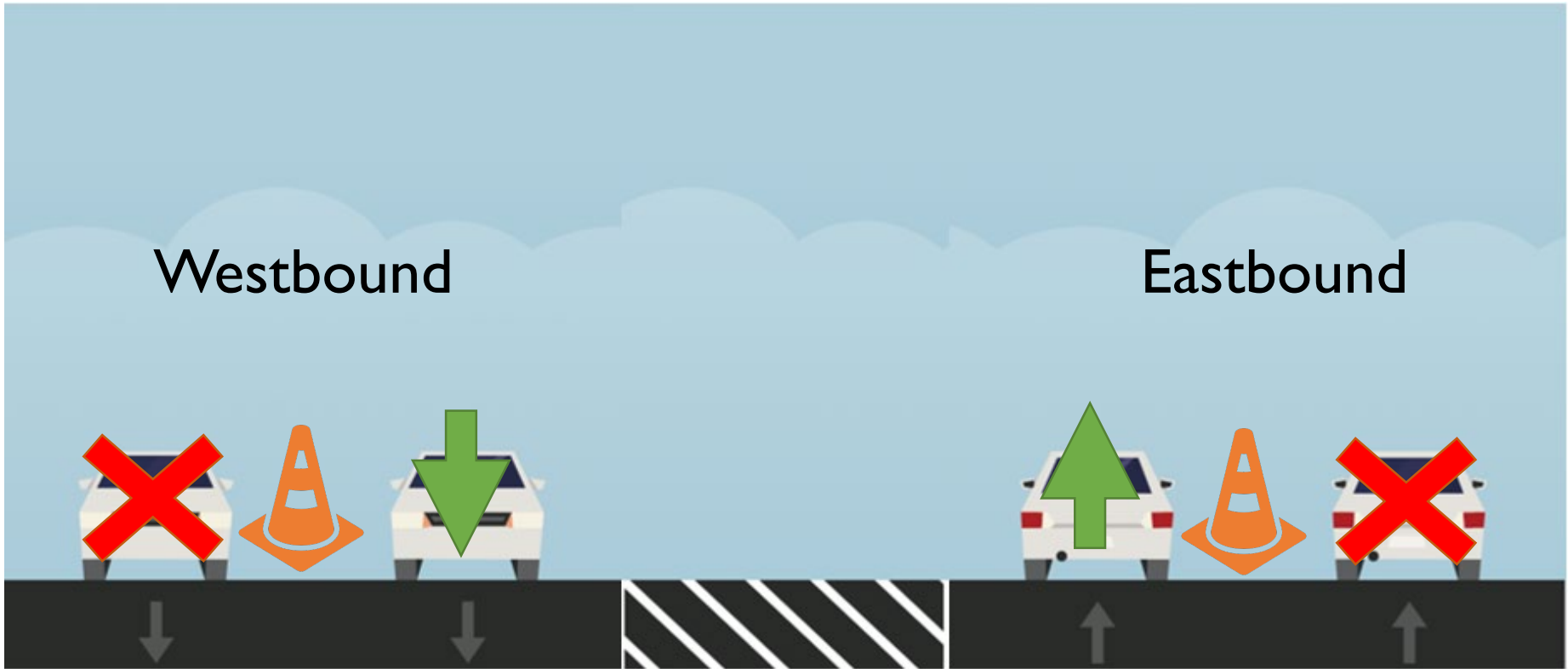
M-43 Construction Traffic Pattern

Stage 2A - 2022

150 ft West of Marsh Rd to Cornell Rd

Westbound

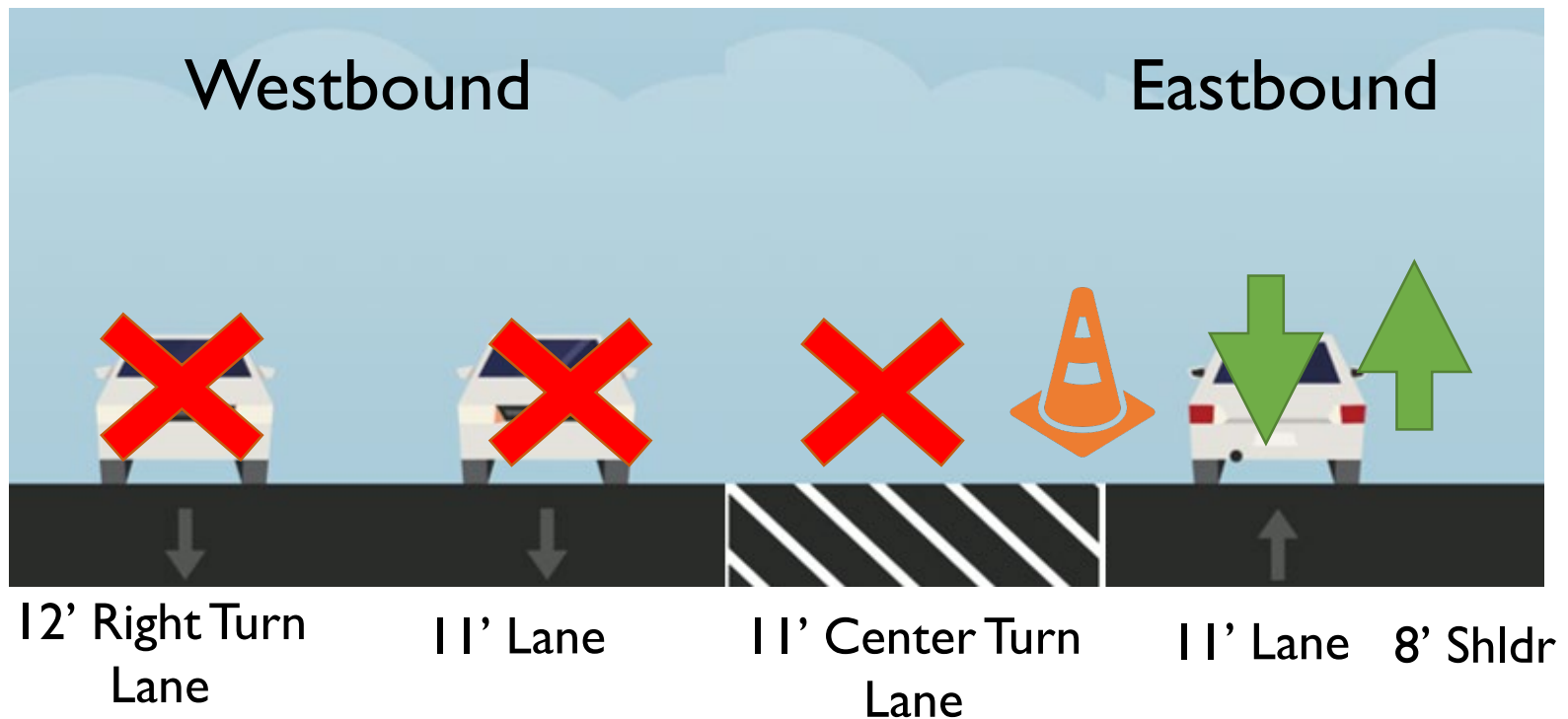
Eastbound



M-43 Construction Traffic Pattern

Stage 2B - 2022

Cornell Rd to Oak Point Ct (POE)



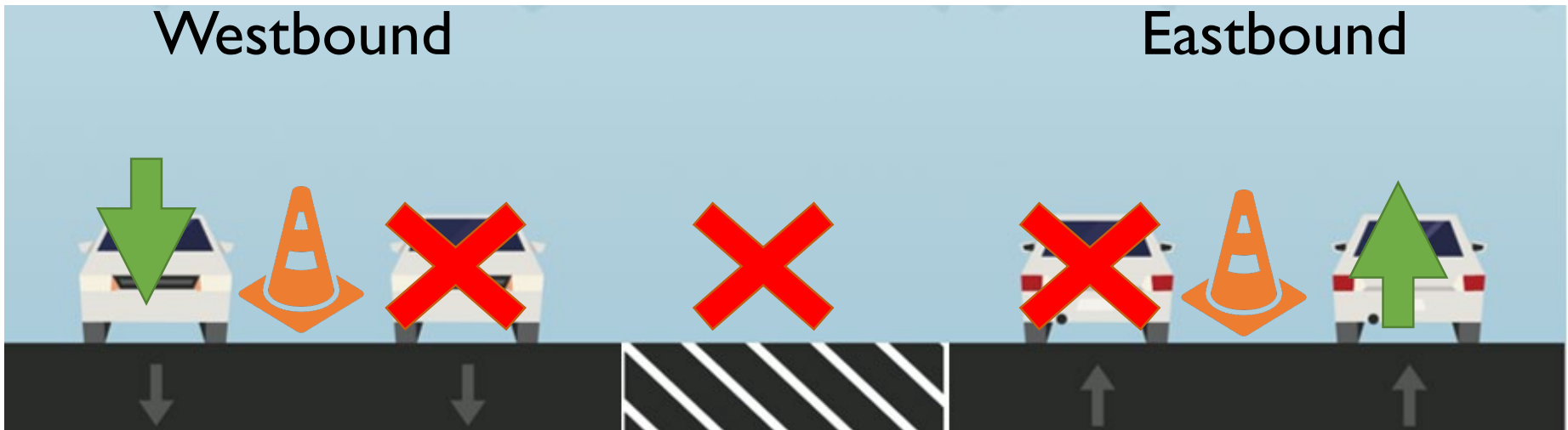
M-43 Construction Traffic Pattern

Stage 3A - 2022

150 ft West of Marsh Rd to Cornell Rd

Westbound

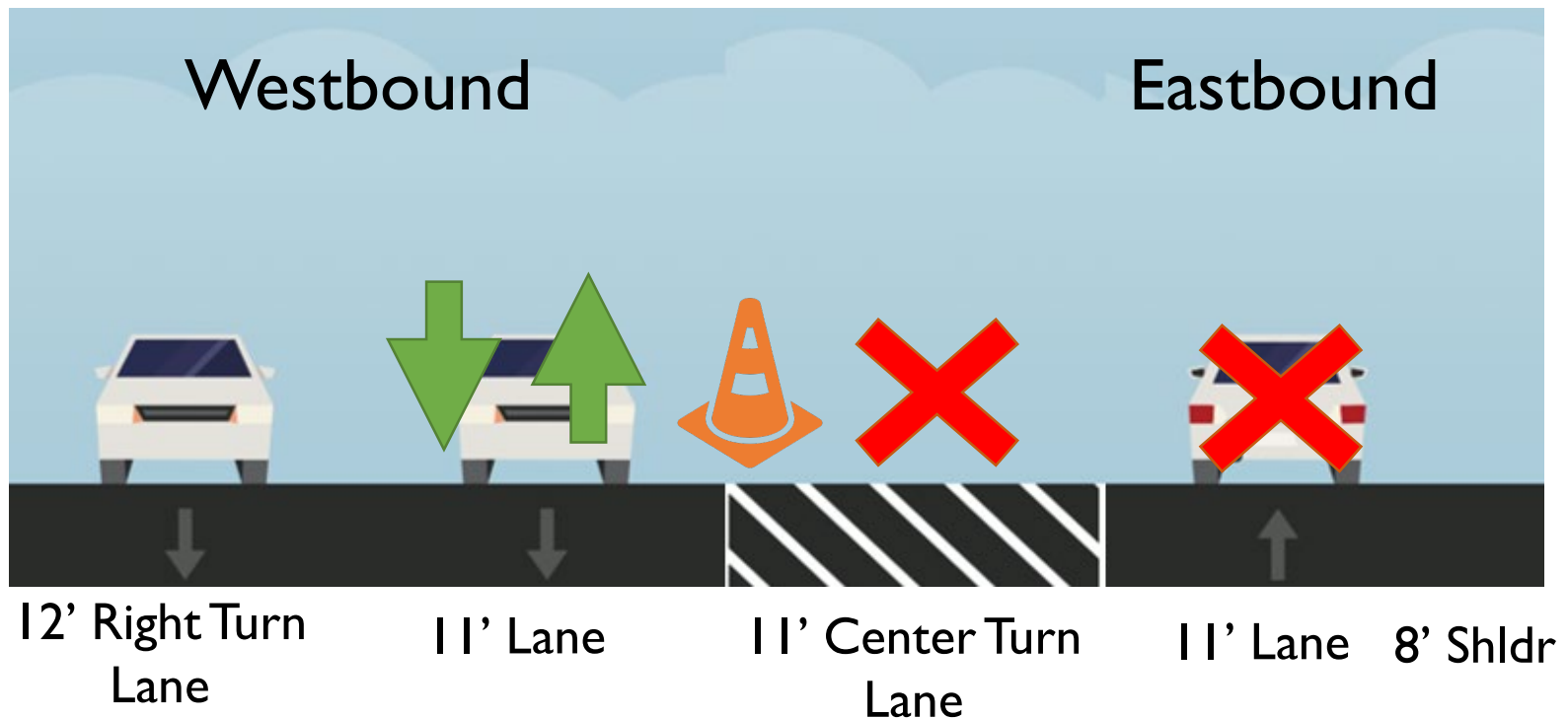
Eastbound



M-43 Construction Traffic Pattern

Stage 3B - 2022

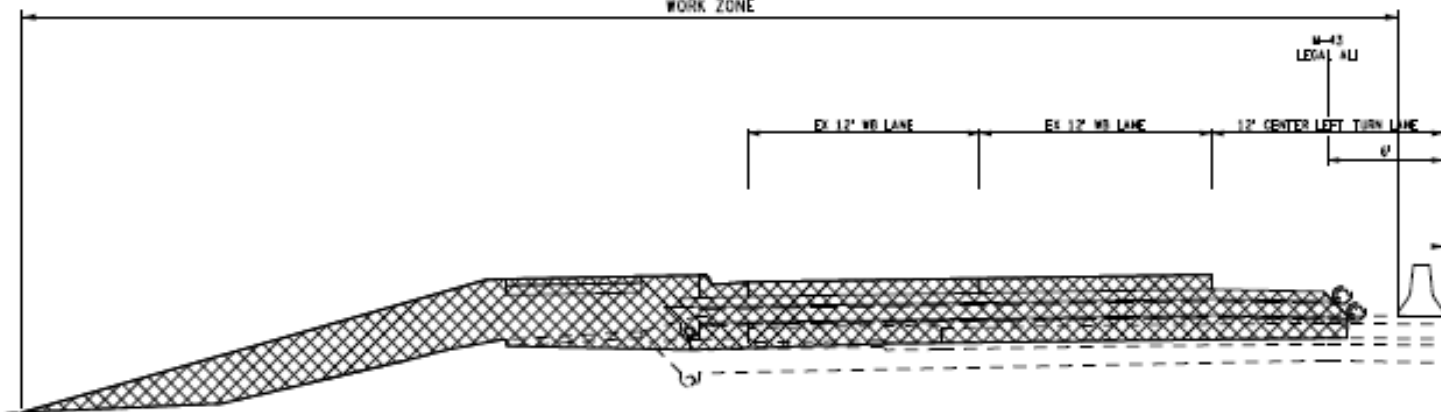
Cornell Rd to Oak Point Ct (POE)



M-43 Construction Traffic Pattern

Stage 4 - 2022

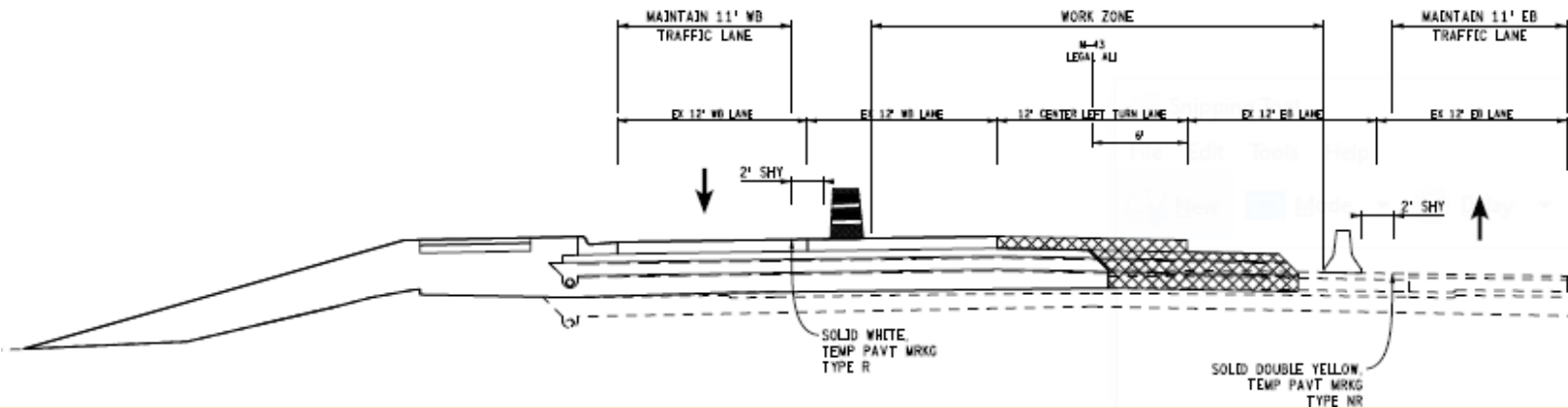
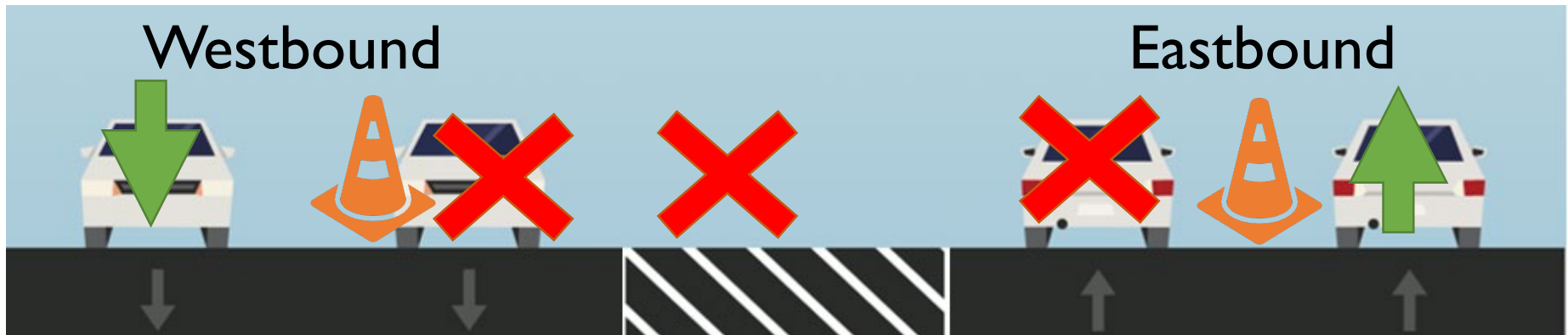
Reconstruct North half of M-43 from Mohawk Rd to Montrose Ave and from Hillcrest Ave to 650 East of Okemos Rd



M-43 Construction Traffic Pattern

Stage 5 - 2022

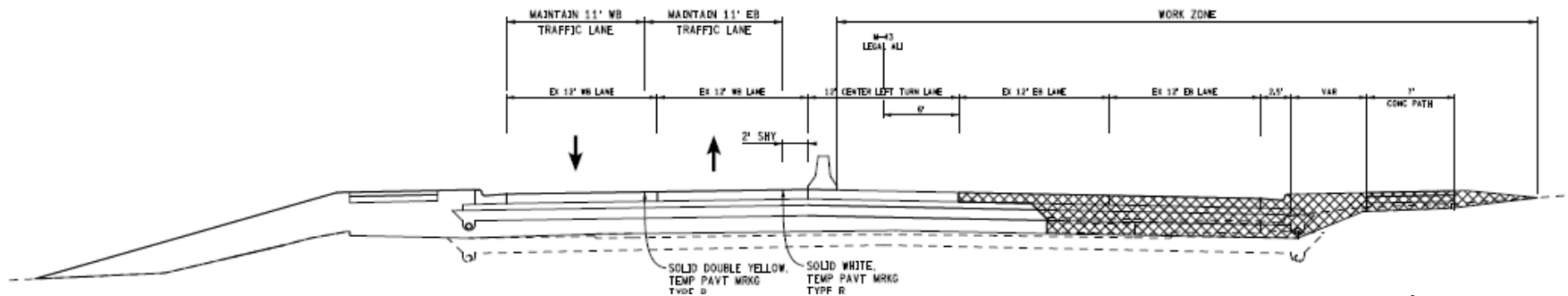
Reconstruct Center Lane of M-43 from Mohawk Rd to Montrose Ave and from Hillcrest Ave to 650 East of Okemos Rd



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



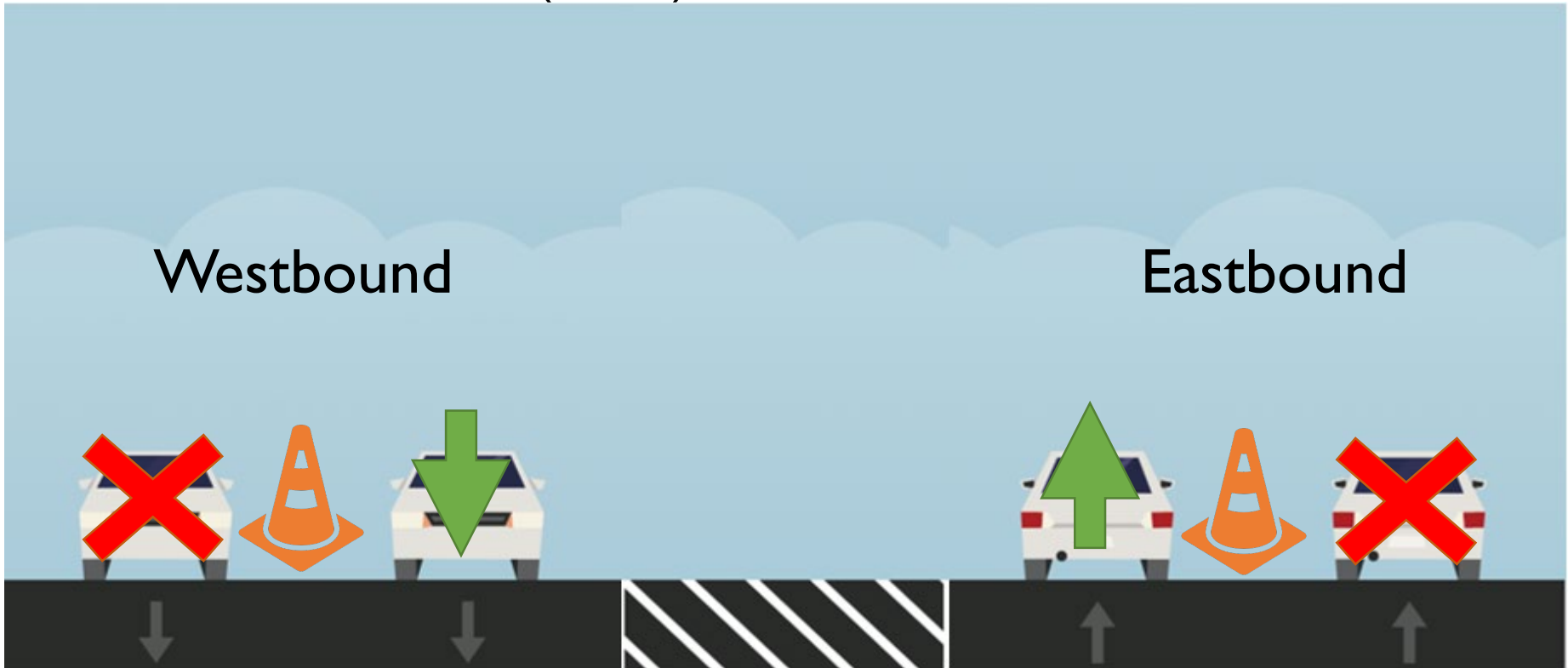
M-43 Construction Traffic Pattern

Stage 7 - 2023

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

Westbound

Eastbound



* Gapping the reconstruction areas

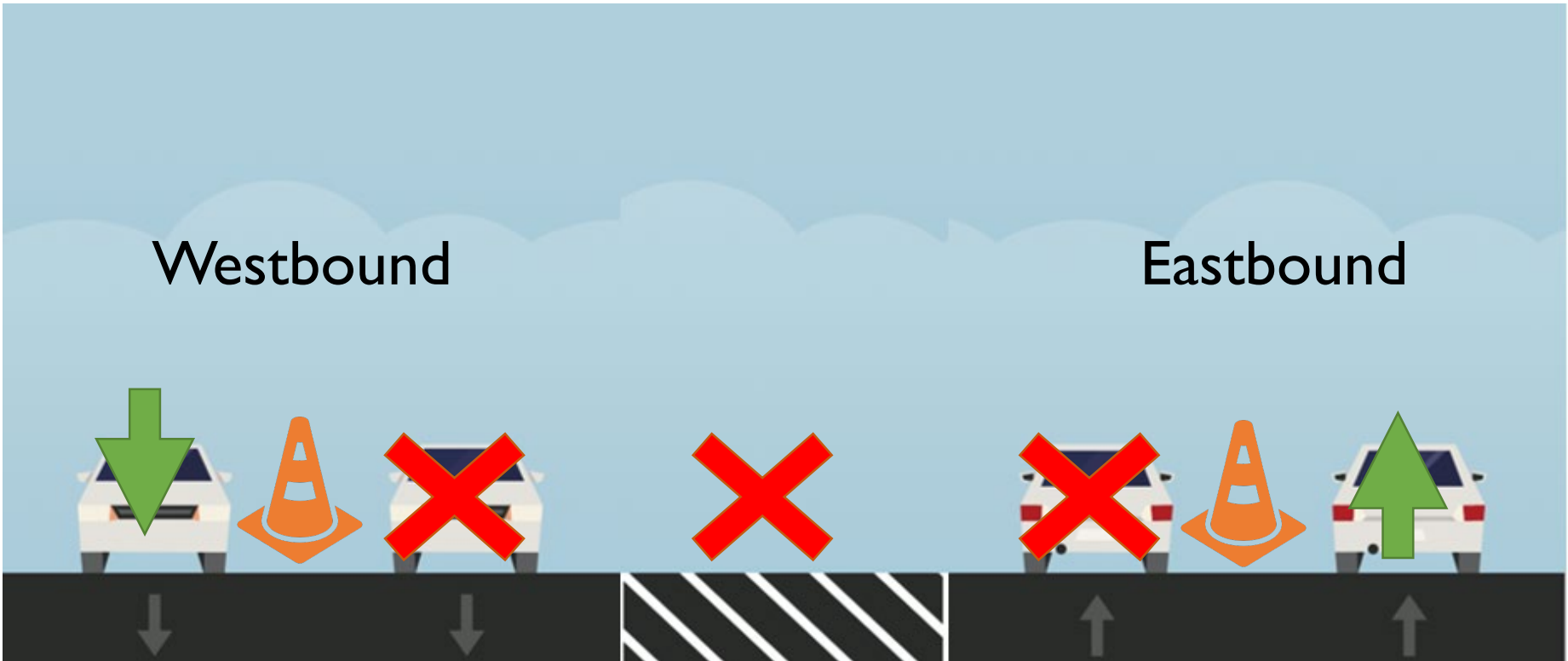
M-43 Construction Traffic Pattern

Stage 8 - 2023

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

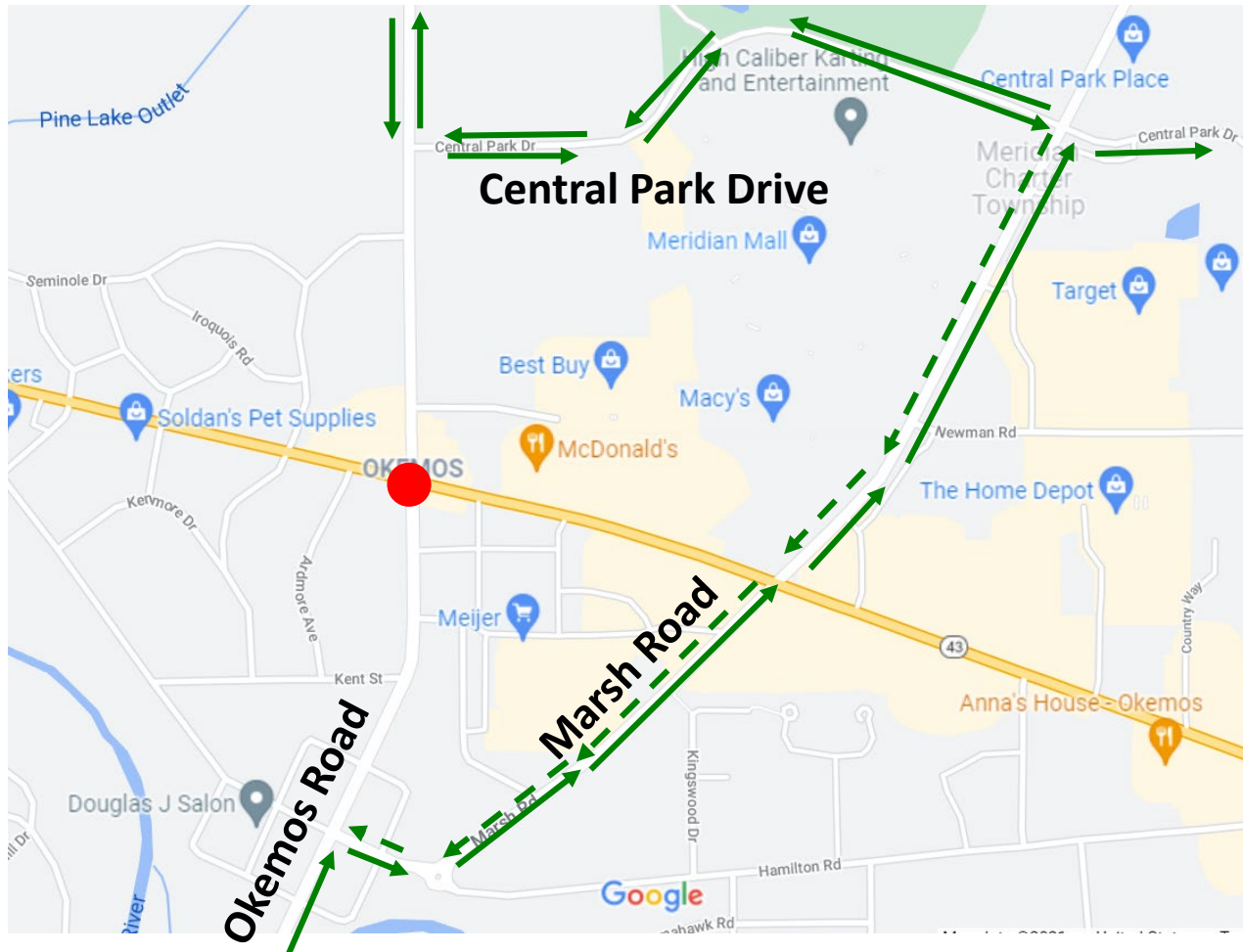
Westbound

Eastbound



M-43 Okemos Road Construction Detour

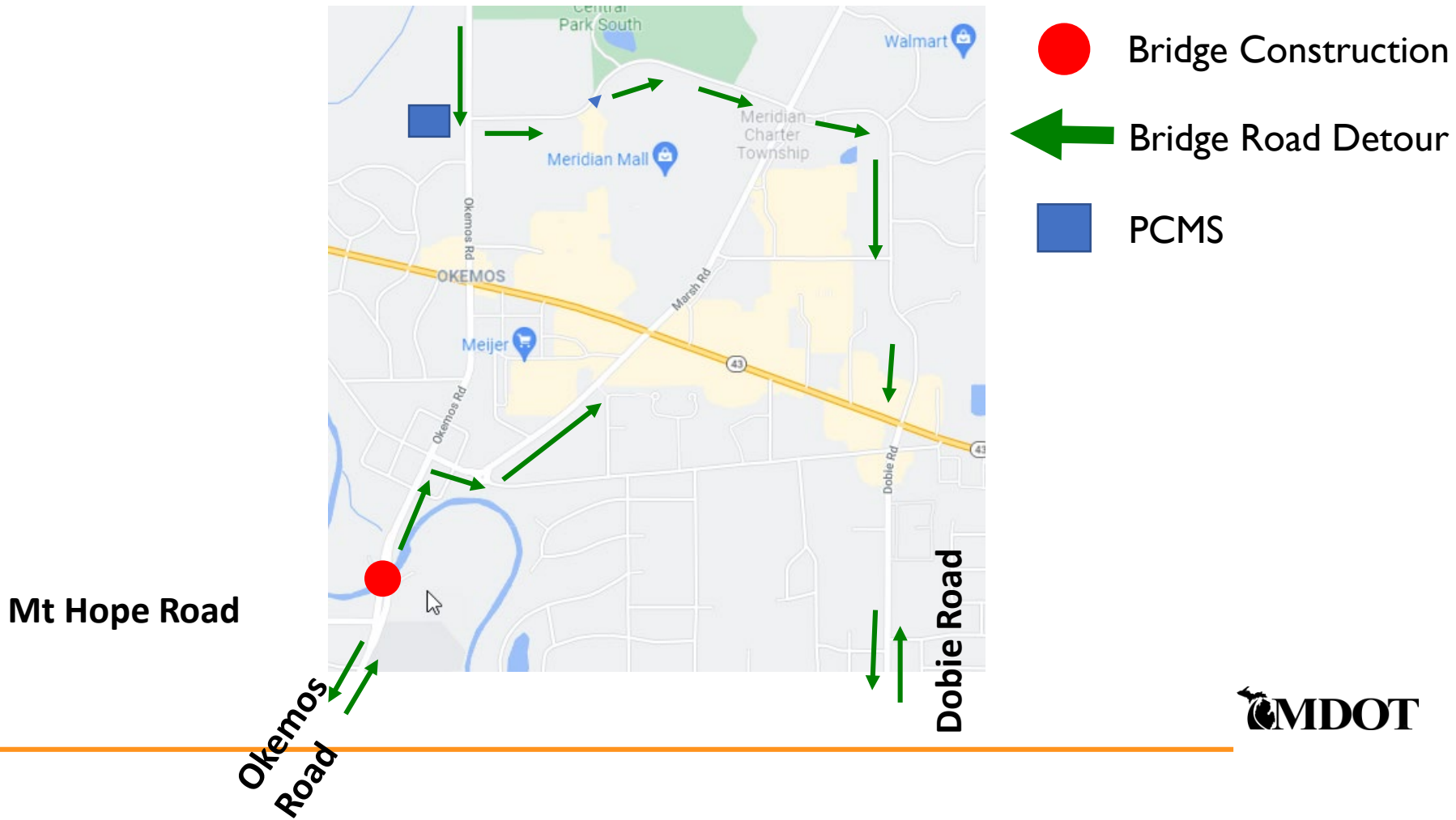
Okemos Road Intersection Detour



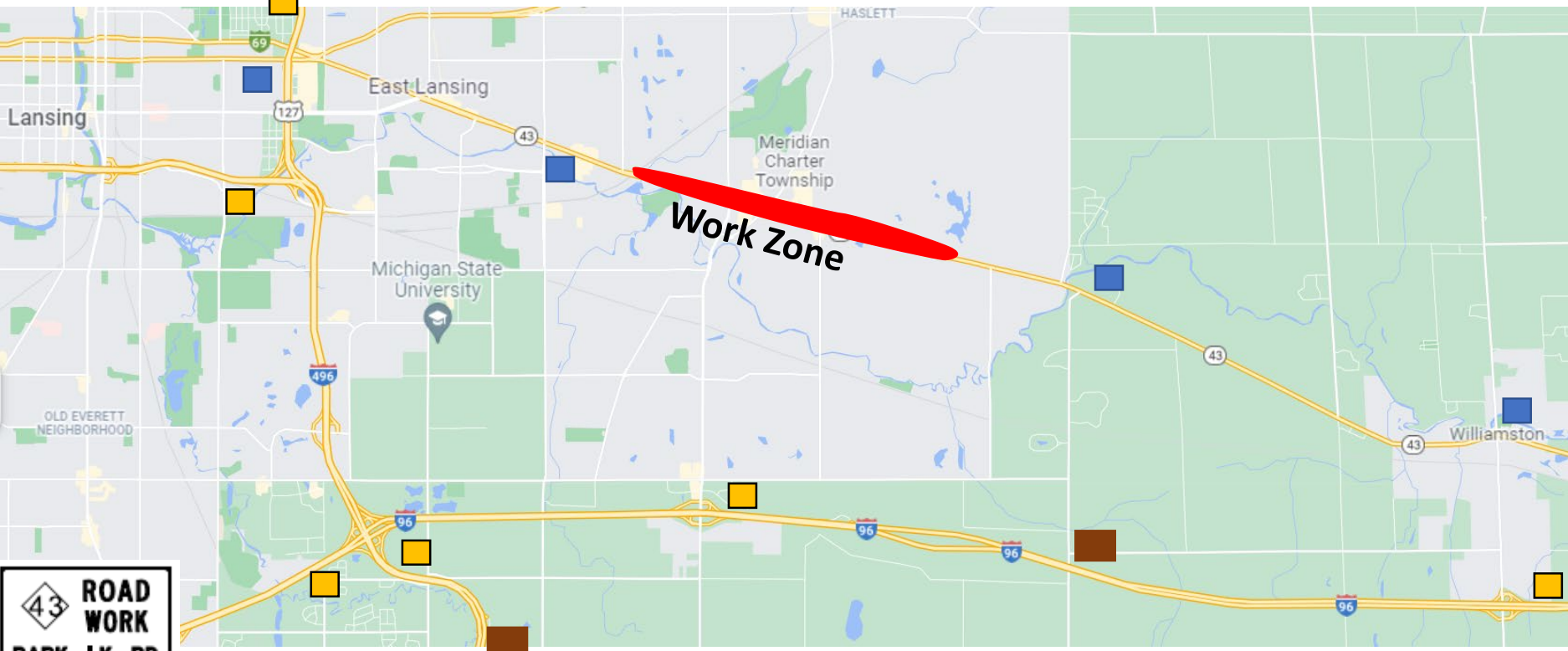
- Intersection Construction
- ← Road Detour
- ← Local Access

Okemos Rd Bridge Construction ICRD

Okemos Road Bridge Detour



M-43 Project Global Signing



 Static Signs

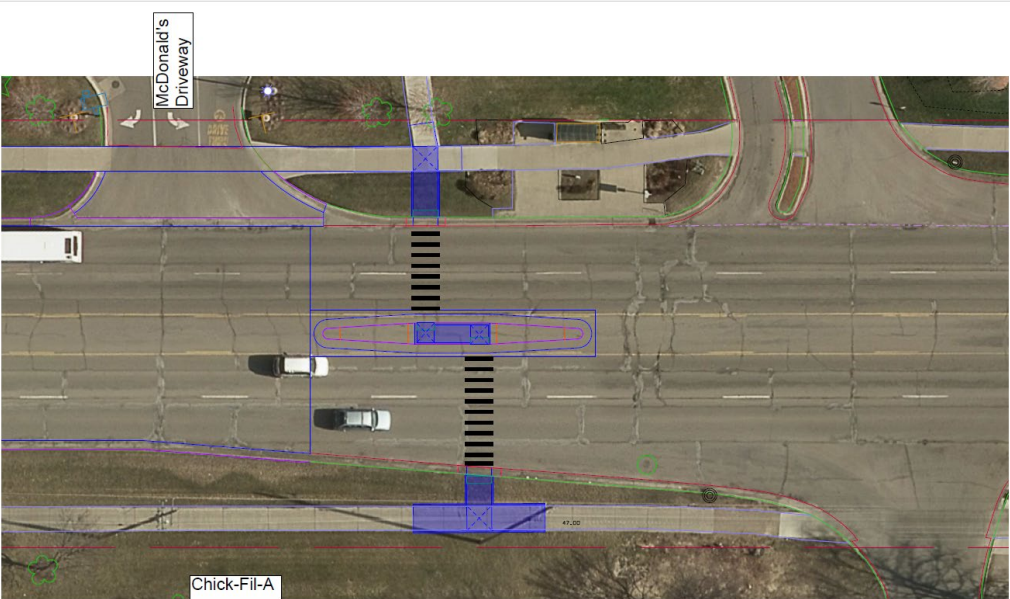
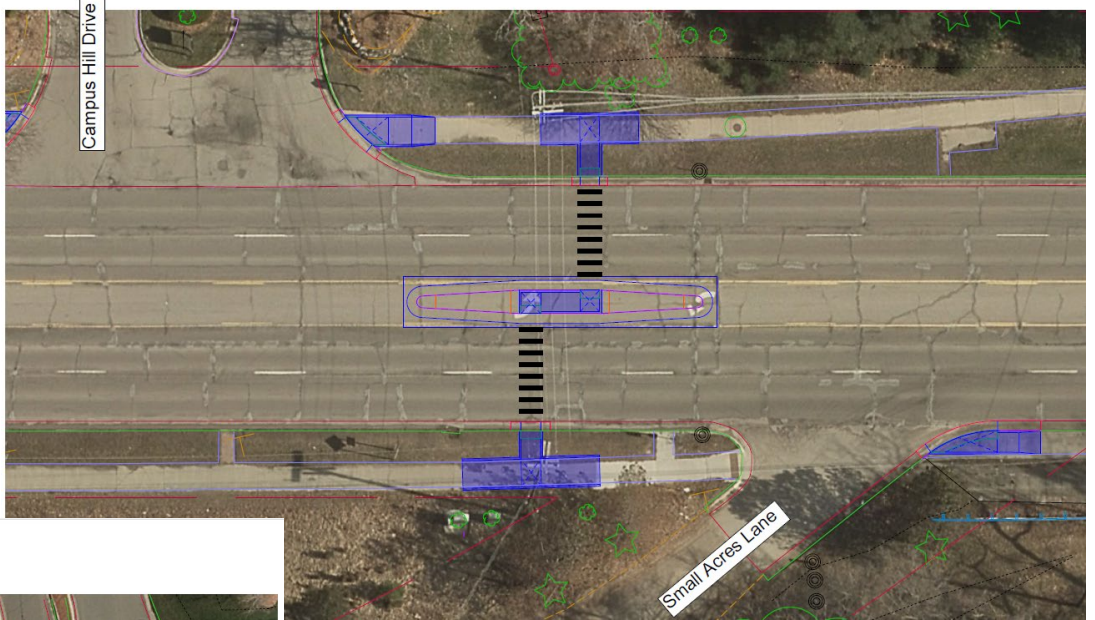
 DMS

 PCMS

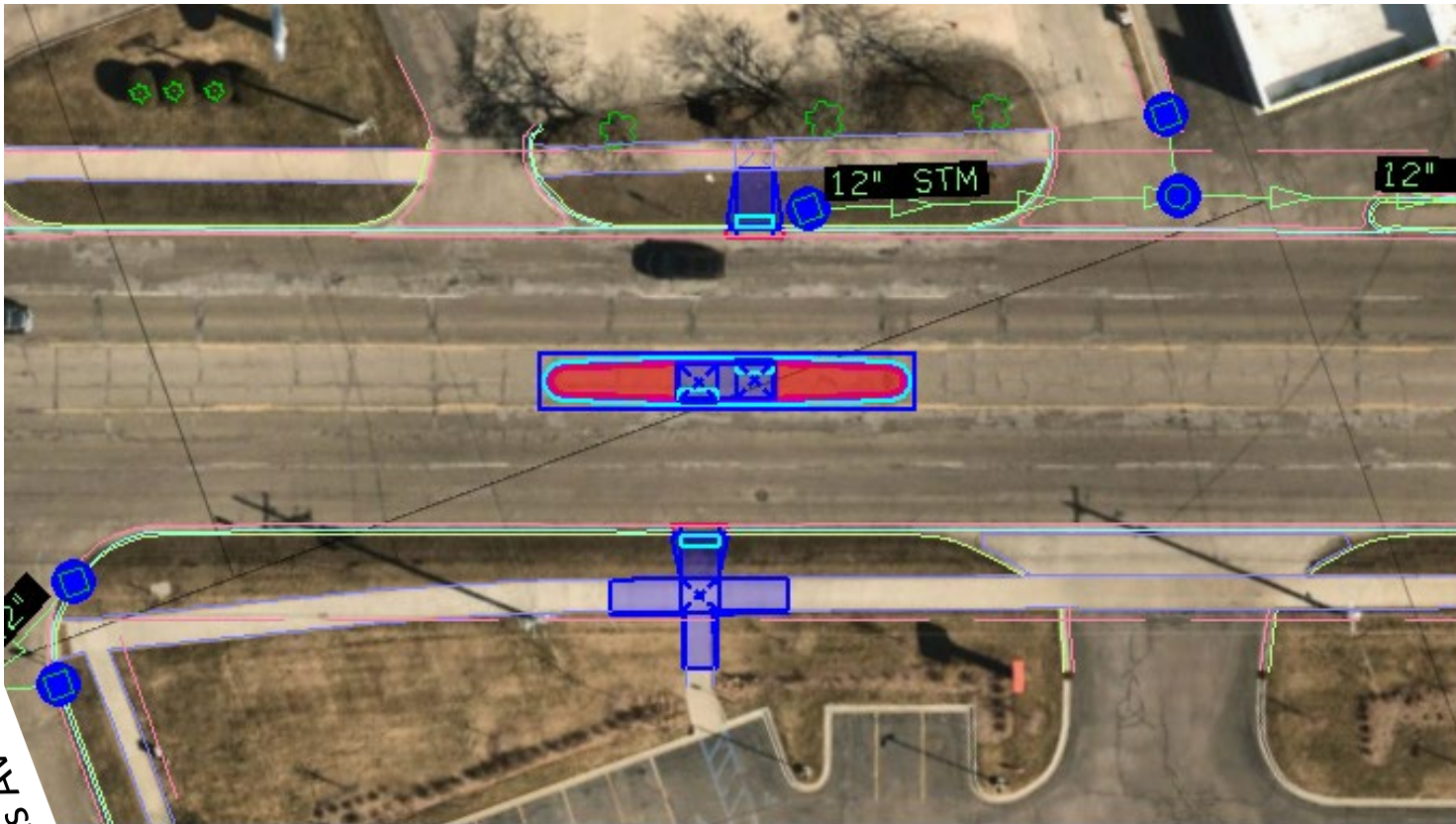
SP-3
(66"X66")



Pedestrian Islands

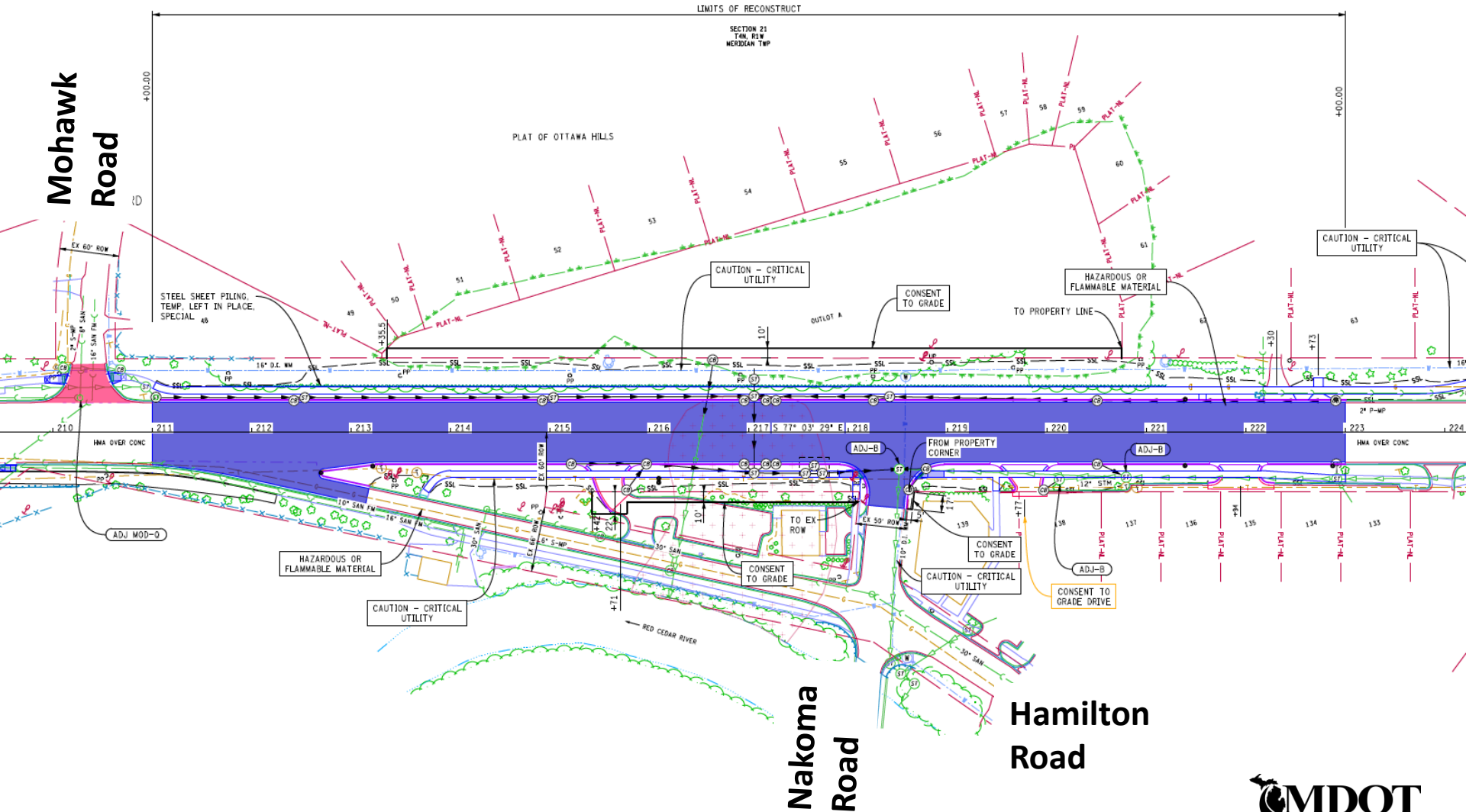


Pedestrian Islands

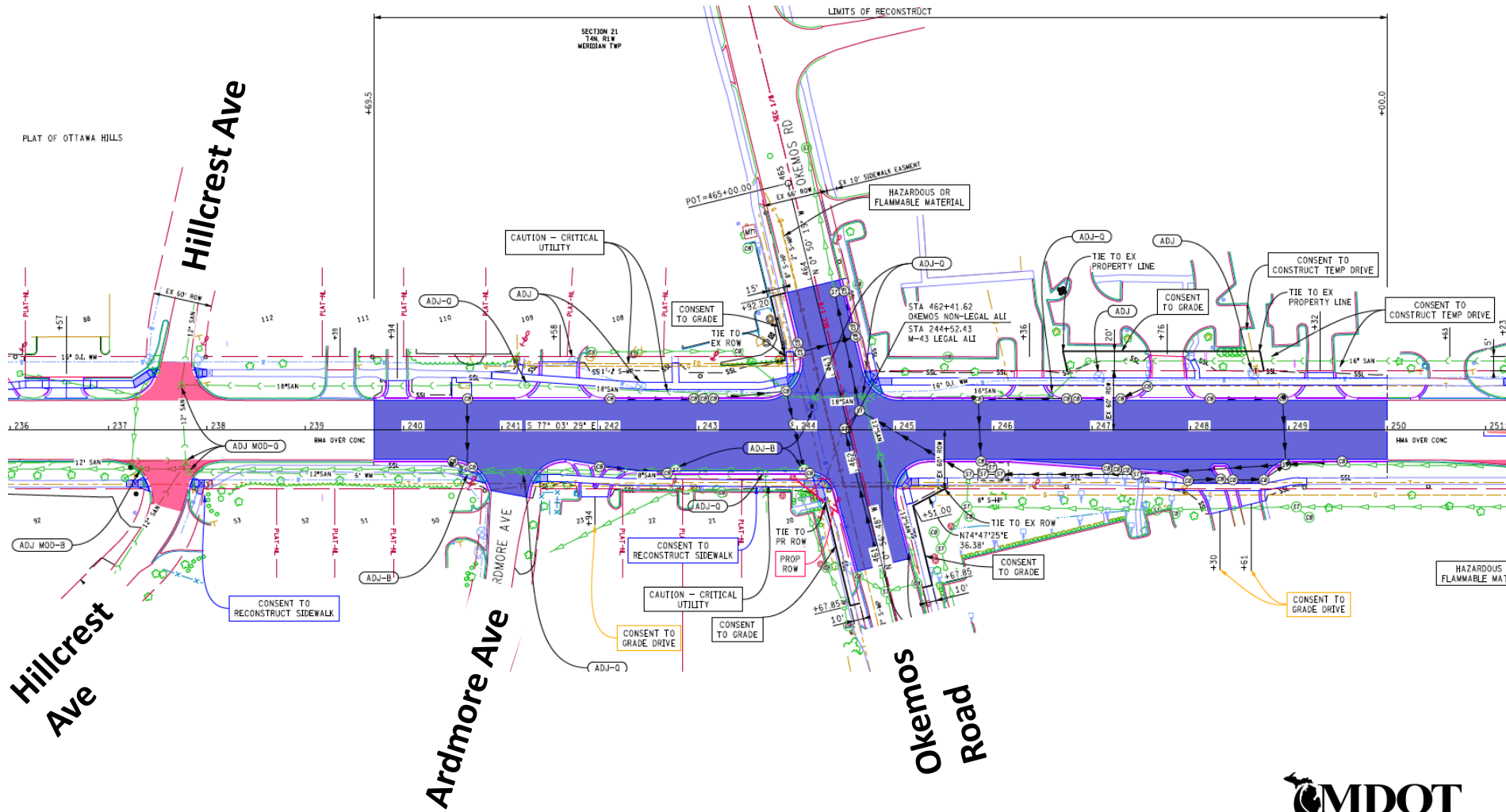


Washington
Ave.
Heights Ave.

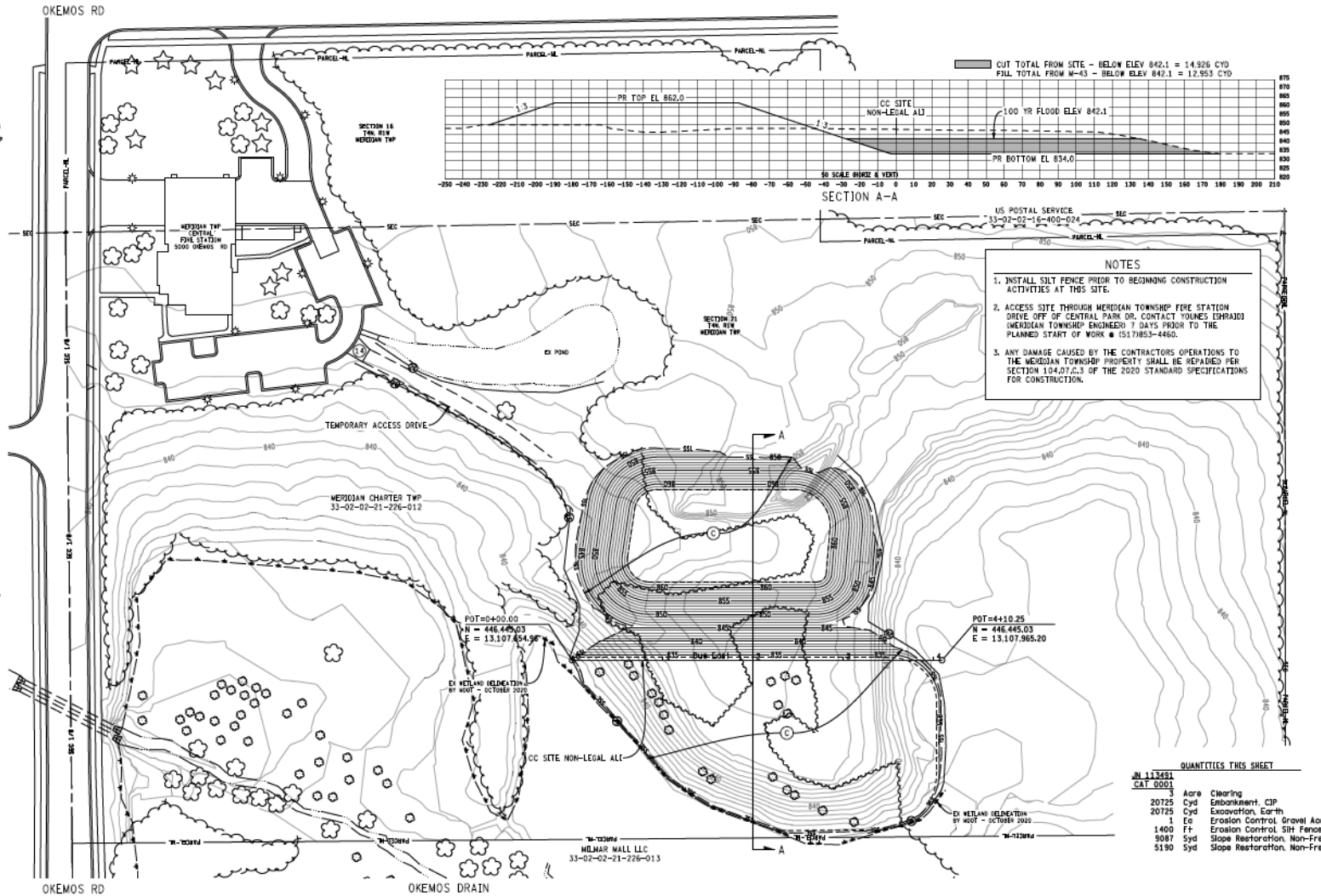
Nakoma Reconstruct Limits



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



To: Zoning Board of Appeals

From: Timothy R. Schmitt, AICP, Community Planning and Development Director

Date: November 12, 2021

Re: 2022 Meeting Schedule

Following is the list of proposed Transportation Commission meeting dates for 2022. The Transportation Commission will continue to meet on the third Thursday of every other month, starting in January. At this time, we do not anticipate having the authority to have virtual meetings in 2022, so all meetings will be in person, at the Central Fire Station.

2022 MEETING CALENDAR

January	20 - regular meeting
March	17 - regular meeting
May	19 - regular meeting
July	21 - regular meeting
September	15 - regular meeting
November	15 - regular meeting

A resolution is provided for the Transportation Commission to adopt the above meeting schedule.

**Transportation Commission Meeting Dates
2022 Meeting Schedule**

RESOLUTION

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

PRESENT: _____

ABSENT: _____

The following resolution was offered by _____ and supported by _____.

WHEREAS, Public Act 267 of the Public Acts of 1976 requires the publication of the meeting schedule of every municipal board at least once a year; and

WHEREAS, the Transportation Commission desires to announce the time, date, and place of all regular meetings of the Transportation Commission, pursuant to the provisions of Act 267 of the Public Act of 1976;

WHEREAS, it is the desire of the Transportation Commission to maintain a meeting schedule, which is the third Thursday of every other month, starting in January.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION COMMISSION OF THE CHARTER TOWNSHIP OF MERIDIAN, INGHAM COUNTY, MICHIGAN as follows:

1. The Transportation Commission will meet in regular session in the Central Fire Station Community Room, 5000 Okemos Road, Okemos, MI, 48864, unless noticed or posted otherwise, at 7:00 p.m. on the third Thursday of every other month, starting in January.

2. The specific dates for meetings are as follows:

January	20 - regular meeting
March	17 - regular meeting
May	19 - regular meeting
July	21- regular meeting
September	15 - regular meeting
November	15 - regular meeting

2022 Meeting Schedule
Transportation Commission
Page 2

3. A summary of this resolution stating date, place, and time shall be posted in the Meridian Municipal Building within ten (10) days after the first regularly scheduled meeting of the year in accordance with MCL 15.265.

ADOPTED: YEAS: _____

NAYS: _____

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 complete copy of a resolution adopted at a regular meeting of the Transportation Commission held on the 18th day of November 2021.

Steve Vagnozzi, Chair
Meridian Township Transportation Commission