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## MEETING NOTICE

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There will be a Transportation Technical Committee meeting held on:

**DATE:** Thursday, February 2, 2023  
**TIME:** 1:30 p.m.  
**PLACE:** WMSRDC OFFICE CONFERENCE ROOM

If you are unable to attend, please contact Brian Mulnix at 231.722.7878 x200

316 Morris Avenue, Suite 340, Muskegon, MI 49440  
Telephone: (231) 722-7878 / [www.wmsrdc.org](http://www.wmsrdc.org)

# TRANSPORTATION TECHNICAL COMMITTEE

## AGENDA February 2, 2023

- I. CALL TO ORDER
- II. APPROVAL OF THE PREVIOUS MINUTES (DECEMBER 1, 2022) - **(ATTACHMENT I) (ACTION)**
- III. PUBLIC COMMENT **(AGENDA ITEMS)**
- IV. TRANSPORTATION IMPROVEMENT PROGRAM
  - A. FY2023-2026 TIP **(AMENDMENT V) (ATTACHMENT II) (ACTION)**
- V. 2045 LONG RANGE PLAN
  - A. WESTPLAN 2045 LONG RANGE PLAN **(INFORMATION)**
- VI. FY2023 SAFETY PERFORMANCE MEASURE TARGETS **(ATTACHMENT III) (ACTION)**
- VII. FY2023 MDOT STATE AND UNIFIED NATIONAL PERFORMANCE MEASURE TARGETS **(ATTACHMENT IV) (ACTION)**
- VIII. MPO ROUNDTABLE
- IX. PUBLIC COMMENT
- X. ADJOURNMENT

# **ATTACHMENT I**

## **WEST MICHIGAN METROPOLITAN TRANSPORTATION PLANNING PROGRAM (WESTPLAN) TECHNICAL COMMITTEE MEETING**

### **MEETING MINUTES**

December 1, 2022

**Members Present:** Brett Laughlin, Ottawa County Road Commission  
Paul Bouman, MCRC  
John Nash, Spring Lake Township  
Luke Walters, MDOT  
Tyler Kent, MDOT Grand Region  
Scott Borg, Harbor Transit  
Scott Beishuizen, City of Montague  
Mark Disselkoen, City of North Muskegon  
Todd Myers, City of Norton Shores  
Craig Bessinger, City of Ferrysburg  
Derek Gajdos, Matt Wade, City of Grand Haven  
Brian Armstrong, City of Whitehall  
Ben VanHoeven, City of Roosevelt Park  
Leo Evans, City of Muskegon  
James Koens, MATS  
Jeff Marcinkowski, Rural Township Rep  
Wally Delamater, Village of Spring Lake

**Members Absent:** Andrew Sibold, FHWA (Non-Voting)  
Mike Jarvis, MDOT- OPT  
Steve Biesiada, Muskegon Urban Township Rep  
Justin Clish, Village of Fruitport  
Troy Bell, City of Muskegon Heights

**Others Present:** Matt Wade, City of Grand Haven  
Marc Fredrickson, MDOT- Muskegon TSC  
Emily Merten, MCC  
Ryan Gladding, MDOT  
Dana Appel, Harbor Transit

**Staff Present:** Brian Mulnix, WMSRDC  
Joel Fitzpatrick, WMSRDC  
Amy Haack, WMSRDC

### **I. CALL TO ORDER**

The meeting was called to order at 1:30. A quorum was present. Attendance was taken via roll call.

## **II. APPROVAL OF PREVIOUS MINUTES**

A motion was made and supported to approve the minutes from the October 2022 meeting. Motion approved. *M/S Nash/VanHoeven*

## **III. PUBLIC COMMENT**

The WestPlan Public Participation Plan procedure was followed to achieve public participation for this meeting. No members of the public spoke.

## **IV. TRANSPORTATION IMPROVEMENT PROGRAM**

**A. FY2023-2026 TIP (Amendment 4)** - Mr. Brian Mulnix presented the proposed 2023-2026 TIP Amendment 4 as shown on the attached page. A motion was made and supported to approve the amendment. Motion approved. *M/S Gajdos/Beishuizen*

## **V. 2050 LONG RANGE PLAN UPDATE**

Mr. Ryan Gladding presented the Base and Future Socioeconomic data for the 2050 Long Range Transportation Plan. A motion was made and supported to approve the minutes data. Motion approved. *M/S Evans/Beishuizen*

## **VI. MPO ROUNDTABLE**

- Mr. Marc Fredrickson gave an update on MDOT road projects in the area.
- Mr. Luke Walters noted that projects were being let earlier this year and encouraged everyone to get their projects into MDOT.

## **VII. PUBLIC PARTICIPATION**

The WestPlan Public Participation Plan procedure was followed to achieve public participation for this meeting. Ms. Emily Merton from the MCC Jayhawk Center introduced herself.

## **VIII. ADJOURN-** Meeting adjourned at 2:11 p.m.

## WestPlan FY2023-2026 TIP Amendment IV (Minutes from Dec 1, 2022)

2023	Local	215559	Muskegon	Muskegon County	Airline Rd	Hile Road to US-31 NB Overpass	Reconstruct	\$379,800	\$0	\$94,950	\$474,750	STUL
2024	Multi-Modal	215742	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	FY24 Carbon Reduction Flex New facility	\$57,074	\$14,289	\$0	\$71,343	CRSM
2023	Multi-Modal	215757	Muskegon	Muskegon County Board of Commissioners	Transit Capital	areawide	FY23 Carbon Reduction Program - Bus replacement	\$45,781	\$11,440	\$0	\$57,201	CRSM
2023	Local	215759	Muskegon	Montague	Wilcox St	Old Channel Trail to Cook Street	Reconstruct	\$200,000	\$0	\$50,000	\$250,000	STUL
2025	Multi-Modal	215767	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	FY25 Carbon Reduction Flex New transit facility	\$55,843	\$13,911	\$0	\$69,554	CRSM
2026	Multi-Modal	215768	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Area-Wide	FY25 CMAQ 5307 Heavy Duty Bus Replacement 35 Bus	\$54,184	\$13,548	\$0	\$67,730	CRSM
2023	Local	217939	Muskegon	Montague	Hart Montague	Hart-Montague Trail	Resurface	\$143,581	\$0	\$46,419	\$190,000	CRSM
2023	Local	217942	Muskegon	Muskegon County	Whitehall Rd	at Ruddiman Drive and Dykstra Road	Signal Replacement	\$209,419	\$0	\$9,382	\$218,781	CRSM
2023	Multi-Modal	217946	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	Preventative Maintenance - FY23	\$400,000	\$100,000	\$0	\$500,000	5307
2024	Multi-Modal	217951	Muskegon	Muskegon County Board of Commissioners	8th St	Areawide	Mobility Management Activities and Marketing	\$140,000	\$35,000	\$0	\$175,000	5310
2024	Multi-Modal	217949	Muskegon	Muskegon County Board of Commissioners	Transit Capital	areawide	misc. supportequipment	\$40,000	\$10,000	\$0	\$50,000	5339
2024	Multi-Modal	217949	Muskegon	Muskegon County Board of Commissioners	Transit Capital	areawide	Fund Capital Cost of Contracting	\$240,000	\$80,000	\$0	\$300,000	5339

Fiscal Year	Job Type	Job#	County	Responsible Agency	Project Name	Limits	Project Description	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2023	Multi-Modal	205213	Muskegon	Muskegon County Board of Commissioners	Transit Capital	areawide	FY 2023 CMAQ - Bus Replacement	\$354,239	\$88,560	\$0	\$442,799	CM
2023	Local	205398	Ottawa	Ottawa County	Mercury Dr	144th Ave to Cornstock Street	HMA Mill and resurface	\$770,000	\$0	\$192,500	\$862,500	STUL
2023	Local	205401	Muskegon	Roosevelt Park	Glenside Blvd	62' south of Sherman to 18' south of RR tracks	Reconstruct	\$567,395	\$0	\$141,849	\$709,244	STUL
2023	Local	205415	Muskegon	Muskegon	Sherman Blvd	770 feet east of Barclay Avenue to Seaway Drive	Reconstruction	\$1,410,000	\$0	\$352,500	\$1,762,500	STUL
2023	Local	205418	Muskegon	Muskegon County	Shettler Rd	US-31 to Sheridan Road	Resurface, Crush and Shape	\$571,200	\$0	\$142,800	\$714,000	STUL
2023	Local	205427	Muskegon	Muskegon Heights	Hackley Ave	Manz Street to Getty Street	Mill and fill	\$437,524	\$0	\$109,381	\$546,905	STUL
2023	Local	205427	Muskegon	Muskegon Heights	Hackley Ave	Manz Street to Getty Street	Mill and fill	\$88,593	\$0	\$0	\$88,593	HIC
2023	Local	205428	Muskegon	Whitehall	Warner St	Stocum Street to Benston Road	Road rehabilitation	\$250,000	\$0	\$62,500	\$312,500	STUL
2023	Local	205428	Muskegon	Whitehall	Warner St	Stocum Street to Benston Road	Road rehabilitation	\$88,593	\$0	\$0	\$88,593	HIC
2023	Multi-Modal	207044	Muskegon	Muskegon County Board of Commissioners	Transit Operating	areawide	Operating assistance for delivery of transit and paratransit	\$1,510,451	\$906,271	\$604,180	\$3,020,902	5307
2023	Multi-Modal	207049	Muskegon	Muskegon County Board of Commissioners	Transit Operating	areawide	operating assistance for the delivery of non-urban transit services	\$18,000	\$18,000	\$0	\$36,000	5311
2023	Multi-Modal	207051	Muskegon	Muskegon County Board of Commissioners	Transit Capital	areawide	Support equipment	\$40,000	\$10,000	\$0	\$50,000	5307
2023	Multi-Modal	207063	Muskegon	Muskegon County Board of Commissioners	Transit Capital	2624 Sixth Street	Support equipment and one bus	\$115,000	\$28,750	\$0	\$143,750	5339
2023	Multi-Modal	207063	Muskegon	Muskegon County Board of Commissioners	Transit Capital	2624 Sixth Street	Support equipment and one bus	\$101,222	\$25,306	\$0	\$126,528	5339
2023	Trunkline	213713	Ottawa	MDOT	Musketawa Tri	Trail replacement along Musketawa	Complete asphalt trail replacement	\$13,758	\$0	\$0	\$13,758	NRT
2024	Multi-Modal	214096	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	FY24 CMAQ 5307 Flex Construct new transit facility	\$815,568	\$203,892	\$0	\$1,019,460	CM
2025	Multi-Modal	214102	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	FY25 CMAQ 5307 Construct new transit facility	\$572,000	\$143,000	\$0	\$715,000	CM
2026	Multi-Modal	214301	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	FY2026 CMAQ 5307 Heavy Duty bus replacement	\$400,000	\$100,000	\$0	\$500,000	CM
2023	Local	215559	Muskegon	Muskegon County	Airline Rd	Hile Road to US-31 NB Overpass	Reconstruct	\$105,000	\$0	\$26,250	\$131,250	ST

# ATTACHMENT II

## WestPlan FY2023-2026 Transportation Improvement Program

### AMENDMENT 5



#### ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2023, 2024, 2025, 2026

Date: 01/25/2023

Page: 1 of 3

Classification: Public

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	ACI / ACC	Phase Year(s)	Phase Status	S/TIP Cycle	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost Incl Non LAP	Action Type	Action Approval Date	Local Fed Approval Date	PHWA Approval Date	FTA Approval Date	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	Federal Amendment Type	S/TIP Exempt	Comments	S/TIP Status
S/TIP Line Items																																	
2023	Trunkline	213713	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	MDOT	Musketawa Trl	Trail replacement along Musketawa	0.000	New Facilities	Complete asphalt trail replacement		PE	Abandoned	23-26	\$13,756	\$0	\$0	\$13,756	NRT	\$0.00					N/A	11/30/2022				Phase Abandoned		Pending	
2025	Local	214856	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	Ottawa County	120th Ave	120th Avenue from Filmore to M45	2.030	Road Rehabilitation	Milling and Two Course Asphalt Overlay		CON	Programmed	23-26	\$0	\$72,752	\$0	\$72,752	EDD	\$1,222,752.00	Admin Modification	01/05/2023			N/A	03/07/2025	05/02/2025		Phase Budget equal or over 24%		Pending		
2025	Local	214856	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	Ottawa County	120th Ave	120th Avenue from Filmore to M45	2.030	Road Rehabilitation	Milling and Two Course Asphalt Overlay		CON	Programmed	23-26	\$620,667	\$0	\$479,333	\$1,100,000	STL	\$1,222,752.00	Admin Modification	01/05/2023			N/A	03/07/2025	05/02/2025		Phase Budget equal or over 24%		Pending		
2025	Local	218166	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Ellis Rd / Pontaluna Road	Ellis Road, Str #7647/Crocker Crk, & Pontaluna Rd, Str #13473/Norris Crk	0.000	Bridge CPM	Bridge Capital Preventative Maintenance		CON	Programmed	23-26	\$26,400	\$4,950	\$1,650	\$33,000	BO	\$72,250.00					N/A	01/10/2025	03/07/2025		Phase Added		Pending		
2025	Local	218166	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Ellis Rd / Pontaluna Road	Ellis Road, Str #7647/Crocker Crk, & Pontaluna Rd, Str #13473/Norris Crk	0.000	Bridge CPM	Bridge Capital preventative Maintenance		CON	Programmed	23-26	\$24,800	\$4,650	\$1,550	\$31,000	BO	\$72,250.00					N/A	01/10/2025	03/07/2025		Phase Added		Pending		
2025	Local	218167	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Countywide	Various Locations - Muskegon County	0.000	Bridge CPM	Bridge Capital preventative Maintenance		CON	Programmed	23-26	\$23,200	\$4,350	\$1,450	\$29,000	BHT	\$148,750.00					N/A	01/10/2025	03/07/2025		Phase Added		Pending		
2025	Local	218167	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Countywide	Various Locations - Muskegon County	0.000	Bridge CPM	Bridge Capital preventative Maintenance		CON	Programmed	23-26	\$24,800	\$4,650	\$1,550	\$31,000	BHT	\$148,750.00					N/A	01/10/2025	03/07/2025		Phase Added		Pending		
2025	Local	218167	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Countywide	Various Locations - Muskegon County	0.000	Bridge CPM	Bridge Capital preventative Maintenance		CON	Programmed	23-26	\$28,000	\$5,250	\$1,750	\$35,000	BHT	\$148,750.00					N/A	01/10/2025	03/07/2025		Phase Added		Pending		
2025	Local	218167	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Countywide	Various Locations - Muskegon County	0.000	Bridge CPM	Bridge Capital preventative Maintenance		CON	Programmed	23-26	\$13,600	\$2,550	\$850	\$17,000	BHT	\$148,750.00					N/A	01/10/2025	03/07/2025		Phase Added		Pending		
2025	Local	218167	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Countywide	Various Locations - Muskegon County	0.000	Bridge CPM	Bridge Capital preventative Maintenance		CON	Programmed	23-26	\$22,400	\$4,200	\$1,400	\$28,000	BHT	\$148,750.00					N/A	01/10/2025	03/07/2025		Phase Added		Pending		

## ATTACHMENT II (Continued)

### WestPlan FY2023-2026 Transportation Improvement Program

#### AMENDMENT 5



#### ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2023, 2024, 2025, 2026

Date: 01/25/2023

Page: 2 of 3

Classification: Public

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	ACI/ACC	Phase	Phase Status	S/TIP Cycle	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost Incl. Non LAP	Action Type	Action Approval Date	Local Fed Approval Date	FTA Approval Date	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	Federal Amendment Type	S/TIP Exempt	Comments	S/TIP Status	
S/TIP Line Items																																	
2025	Local	218168	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon	Amity Ave	Amity Street, S# #7099, over Abandoned Railroad Grade, City of Muskegon	0.000	Bridge	Bridge Rehabilitation		CON	Programmed	23-26	\$478,400	\$29,900	\$89,700	\$598,000	BO	\$747,500.00				N/A	01/10/2025		03/07/2025		Phase Added			Pending	
2025	Local	218174	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Bossell Rd	Bossell Road, S# #7681, over JTB & S Drain, Muskegon County	0.000	Bridge	Bridge Replacement		CON	Programmed	23-26	\$484,000	\$87,000	\$29,000	\$590,000	BO	\$725,000.00				N/A	10/11/2024		12/06/2024		Phase Added			Pending	
GPA Type Subtotals:			S/TIP Line Items												\$1,740,023	\$220,252	\$608,233	\$2,668,508															
Grand Total:															\$1,740,023	\$220,252	\$608,233	\$2,668,508															

Total Job Phases Reported: 6

Job Phase(s) highlighted in yellow are delayed to future S/TIP cycle

#### Preferences:

Report Format: Standard

FISCAL Year(s): 2023, 2024, 2025, 2026

MPO/Non-MPO: West Michigan Metropolitan Transportation Planning Program (Muskegon)

County: ALL

Prosperity Region: ALL

MDOT Region: ALL

STIP Cycle: Fiscal Year 2023 - Fiscal Year 2026

STIP Status: Pending

(A - Approved, P - Pending)

Job Type: Trunkline, Local, Multi-Modal

Phase Type: ALL

Phase Status: ALL

(AP - Programmed, AC - Active, CP - Completed)

(Active - Obligated)

Amendment Type: ALL

Template: Trunkline - ALL, Local - ALL, Multi-Modal - ALL

## ATTACHMENT III

### **FY2023 MDOT Safety performance Measure Targets**



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF TRANSPORTATION  
LANSING

PAUL C. AJEGBA  
DIRECTOR

September 30, 2022

Dear Metropolitan Planning Organization Director:

The Michigan Department of Transportation (MDOT) is pleased to provide you with the state targets for the federally required safety performance measures for calendar year 2023. MDOT appreciates the efforts your Metropolitan Planning Organization (MPO) has made to participate in the coordination process for the safety performance measure.

#### **State Safety Targets for Calendar Year 2023:**

<b>Safety Performance Measure (5 year rolling average)</b>	<b>Baseline Condition (2017-2021)</b>	<b>Calendar Year 2023 State Safety Targets</b>
Fatalities	1,041.8	1,105.6
Fatality Rate Per 100 million Vehicle Miles Traveled (VMT)	1.071	1.136
Serious Injuries	5,742.2	5,909.2
Serious Injury Rate per 100 million VMT	5.878	6.058
Nonmotorized Fatalities and Serious Injuries (Pedestrian and Bicycle)	752.0	743.4

Federal Law and regulations require that MPOs establish targets not later than 180 days after the State Department of Transportation establishes and reports state safety targets in the State Highway Safety Improvement Program (HSIP) annual report. MDOT submitted Michigan's HSIP annual report on August 31, 2022. MPOs are now required to decide on their MPO safety targets for calendar year 2023 no later than February 27, 2023.

MPOs may support all the state safety targets, establish their own specific numeric targets for all the performance measures, or any combination. MPOs may support the state safety target for one or more individual performance measures and establish specific numeric targets for the other performance measures. Enclosed is a report documenting the background and analysis for the development of the safety targets.



Metropolitan Planning Organization Director  
Page 2  
September 30, 2022

Thank you for your participation in the performance measure coordination process.

If you have questions, please contact either me, or John Lanum, Supervisor, Statewide Planning Section, at 517-335-2949 or [LanumJ@michigan.gov](mailto:LanumJ@michigan.gov).

Sincerely,

A handwritten signature in dark ink, appearing to read "Don Mayle", is written over a light blue rectangular background.

Don Mayle, Manager  
Statewide Planning Section

Enclosure

cc: J. Lanum, MDOT  
A. Pickard, FHWA  
D. Parker, MDOT  
E. Kind, MDOT  
M. Bott, MDOT  
K. Travelbee, MDOT  
T. White, MDOT  
M. Toth, MDOT  
C. Newell, MDOT

# ATTACHMENT IV

## **FY2023 MDOT State and Unified National Performance Measure Targets**



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF TRANSPORTATION  
LANSING

PAUL C. AJEGBA  
DIRECTOR

December 22, 2022

Dear Metropolitan Planning Organization Director:

The Michigan Department of Transportation (MDOT) is pleased to provide the enclosed summary of state and unified national performance program targets for the 2022-2025 performance period. MDOT appreciates the contributions Metropolitan Planning Organizations (MPOs) made to actively participate in coordinated target setting efforts.

In accordance with federal law (23 United States Code 134 (h)(2)), MPOs have 180 days following the development of applicable state targets to establish MPO targets on a per-measure basis. With the Federal Highway Administration (FHWA) delaying state target reporting for 2022-2025 baseline reporting, the MPO due date for the 2022-2025 baseline targets is June 14, 2023.

Per 23 Code of Federal Regulations (CFR) §490.105(d)(1), states and MPOs shall establish statewide and metropolitan planning area wide targets, respectively, that represent the condition/performance of the transportation network or geographic area that are applicable to the measures in accordance with respective subparts of 23 CFR §490, as documented below:

- Subpart C, NHS Pavement Condition
- Subpart D, NHS Bridge Condition
- Subpart E, NHS System Performance (Person mile reliability, per capita)
- Subpart F, Interstate Freight Movement
- Subpart G, Traffic Congestion Measures (applicable MPOs only)
- Subpart H, On-Road Mobile Source Emissions Reduction

An MPO may support a state target or establish their own specific numeric target on a per-measure basis. If supporting a state target, the coordination sessions held over the last year serve as coordinating an MPO target with the state. If an MPO elects to establish one or more specific numeric targets, the MPO must coordinate the target development with the state.

In addition to the state targets shown in the enclosed table, MDOT will provide supplementary information to assist you in making decisions on MPO targets. The supplementary information will include a description of the measures, recent trends, and the methodology used to establish these targets.

Metropolitan Planning Organization Director  
Page 2  
December 22, 2022

Separately, applicable state DOTs and MPOs have established coordinated urbanized area targets that represents the performance of the transportation network in each applicable area for the Congestion Mitigation and Air Quality Traffic Congestion measures as regulated by Subpart G of 23 CFR §490. MDOT, Ohio DOT, and Indiana DOT have reported the respective required targets to FHWA, and applicable Michigan MPOs will need to report identical targets in their final performance report to MDOT.

Thank you for your MPO's participation in the performance measure coordination process. If you have questions or need additional information or assistance, please contact either me, John Lanum, Supervisor, Statewide Planning Section, at 517-243-3554, or Kelly Travelbee, Department Specialist, Bureau of Development, at 517-898-4875.

Sincerely,

A handwritten signature in black ink, appearing to read 'Todd White', with a long horizontal flourish extending to the right.

Todd White, Director  
Bureau of Transportation Planning

Enclosure

cc: Lanum, J.  
Travelbee, K.

**2022 - 2025 National Performance Programs: NHPP/NHFP/CMAQ**  
**Michigan Department of Transportation - State and Urbanized Area Target Summary**

Performance Measure	Desired Trend	2022-25 Baseline	2-Year Predicted Performance (Target)	4-Year Predicted Performance (Target)
<b>NHPP: NHS Pavement Condition (§490, Subpart C)</b>				
<b>Pavement Condition Metric (PCM) is IRI, Cracking, and Rutting (asphalt) or Faulting (joined concrete)</b>				
Percentage of Pavements of the <u>Interstate</u> in <u>Good Condition</u> (PCM)	↑	70.4% (1)	59.2%	56.7%
Percentage of Pavements of the <u>Interstate</u> (NHS) in <u>Poor Condition</u> (PCM)	↓	1.8% (1)	5.0%	5.0%
Percentage of Pavements of the <u>Non-Interstate NHS</u> in <u>Good Condition</u> (PCM)	↑	41.6%	33.1%	33.1%
Percentage of Pavements of the <u>Non-Interstate NHS</u> in <u>Poor Condition</u> (PCM)	↓	8.9%	10.0%	10.0%
<b>NHPP: NHS Bridge Condition (§490, Subpart D)</b>				
Percentage of NHS Bridges in <u>Good Condition</u> (Percent of NHS bridge deck square foot classified in Good condition to the total NHS bridge deck square footage)	↑	22.1%	15.2%	12.8%
Percentage of NHS Bridges in <u>Poor Condition</u> (Percent of NHS bridge deck square foot classified in Poor condition to the total NHS bridge deck square footage)	↓	7.00%	6.8%	5.8%
<b>NHPP: NHS System Reliability (§490, Subpart E)</b>				
Percent of the Reliable Person-Miles Traveled on the <u>Interstate</u> based on 80th percentile over 4 time periods	↑	97.1%	80.0%	80.0%
Percent of the Reliable Person-Miles Traveled on the <u>Non-Interstate NHS</u> based on 80th percentile over 4 time periods	↑	94.4%	75.0%	75.0%
<b>NHFP: Interstate (NHS) Freight Reliability (§490, Subpart F)</b>				
Truck Travel Time Reliability (TTTR) Index on the <u>Interstate</u> based on 95th percentile over 5 time periods	↓	1.31	1.60	1.60
<b>CMAQ: Assess Congestion and Mitigation Air Quality Program (§490, Subparts G and H)</b>				
<b>Traffic Congestion <u>Unified</u> Targets: Annual Hours of Peak Hour Excessive Delay Per Capita (NPMRDS/HPMS-AADT)</b>	↓	2022-25 Baseline	2-Year Predicted Performance (Target)	4-Year Predicted Performance (Target)
Detroit Urbanized Area (Unified Target Setting: MDOT and SEMCOG)		9.8 hours	18.0 hours	18.0 hours
Ann Arbor Urbanized Area (Unified Target Setting: MDOT and SEMCOG; included WATS for inclusive collaboration)		9.0 hours	16.0 hours	16.0 hours
Flint Urbanized Area (Unified Target Setting: MDOT and GCMPC for inclusive collaboration)		5.7 hours	10.0 hours	10.0 hours
Toledo Urbanized Area (Unified Target Setting: MDOT, ODOT, and SEMCOG; included TMACOG for inclusive collaboration)		6.1 hours	7.0 hours	7.0 hours
South Bend Urbanized Area (Unified Target Setting: MDOT, INDOT, SMPC; included MACOG for inclusive collaboration)		0.6 hours	2.0 hours	2.0 hours
<b>Traffic Congestion <u>Unified</u> Targets: Percent of Non-Single Occupancy Vehicle (Non-SOV) Travel (U.S. Census ACS Journey to Work method).</b>	↑	2022-25 Baseline	2-Year Predicted Performance (Target)	4-Year Predicted Performance (Target)
Detroit Urbanized Area (Unified Target Setting: MDOT and SEMCOG)		18.7%	15.5%	15.5%
Ann Arbor Urbanized Area (Unified Target Setting: MDOT and SEMCOG; included WATS for inclusive collaboration)		31.9%	29.7%	29.7%
Flint Urbanized Area (Unified Target Setting: MDOT and GCMPC for inclusive collaboration)		18.5%	15.5%	15.5%
Toledo Urbanized Area (Unified Target Setting: MDOT, ODOT, and SEMCOG; included TMACOG for inclusive collaboration)		16.1%	15.0%	15.0%
South Bend Urbanized Area (Unified Target Setting: MDOT, INDOT, SMPC; included MACOG for inclusive collaboration)		20.6%	18.0%	18.0%
<b>On-Road Mobile Source Emissions (Cumulative 2-year and 4-year targets), measured kg/day (Coordinated State targets with SEMCOG, MACC, SMPC, and WMSRDC)</b>	↑	2022-25 Baseline	2-Year Predicted Performance (Target)	4-Year Predicted Performance (Target)
State Total Emission Reduction: PM2.5		1527.492	595.000	1191.000
State Total Emission Reduction: NOx		13118.817	5227.000	10455.000
State Total Emission Reduction: VOC		5246.548	2295.000	4590.000

(1) Reflects 2021 HPMS Pavement Data Quality Summary (Interstates) for Good and Poor pavement condition as prepared by FHWA. In 2021, there were approximately 300 Interstate lane miles, or 5.1% of the Interstate system, under construction wherein no pavement data was collected in accordance with federal data collection requirements. 23 CFR 490.313(b)(4)(i) specifies that total mainline lane miles of Missing, Invalid or Unresolved (MIU) segments not be more than 5.0 percent of the total lane-miles of the respective network (Interstate, in this case). Having exceeded 5.0% MIU, FHWA considers the Interstate data set insufficient for determining Good or Poor condition. There are ongoing discussions with FHWA regarding this issue.