

MEETING NOTICE

There will be a Transportation Technical Committee meeting held on:

DATE: Thursday, September 6, 2018

TIME: 1:30 p.m.

PLACE: WMSRDC Offices-3rd Floor of Terrace Plaza

316 Morris Avenue, Suite 340 Muskegon, Michigan 49443 http://www.wmsrdc.org

If you are unable to attend, please contact Brian Mulnix at 231.722.7878 x20

316 Morris Avenue - Suite 340 - Muskegon, MI 49443-0387 Telephone: 231/722-7878 - Fax: 231/722-9362 www.wmsrdc.org



TRANSPORTATION TECHNICAL COMMITTEE

AGENDA

September 6, 2018

- I. CALL TO ORDER
- II. APPROVAL OF THE PREVIOUS MINUTES (AUGUST 2, 2018) **(ATTACHMENT I)**ACTION
- III. PUBLIC COMMENT
- IV. TRANSPORTATION IMPROVEMENT PROGRAM
 - FY2017-2020 TIP (INFORMATION)
 - > STATE PERFORMANCE TARGETS (ATTACHMENT II)(ACTION)
 - > STATEWIDE AND URBAN TRAVEL ANALYSIS DATA (ATTACHMENT III) (ACTION)
 - PROJEČT CALL/SELECTION PROCESS (ATTACHMENT IV)(INFORMATION)
 - CMAQ (ATTACHMENT V) INFORMATION
- V. MPO ROUNDTABLE
- VI. NEW BUSINESS
- VII. OLD BUSINESS
- VIII. PUBLIC COMMENT
- IX. ADJOURNMENT

316 Morris Avenue - Suite 340 - Muskegon, MI 49443-0387 Telephone: 231/722-7878 - Fax: 231/722-9362 www.wmsrdc.org - wmsrdc@wmsrdc.org

ATTACHMENT I

WEST MICHIGAN METROPOLITIAN TRANSPORTATION PLANNING PROGRAM (WESTPLAN) TECHNICAL COMMITTEE MEETING

MEETING MINUTES

August 2, 2018

West Michigan Shoreline Regional Development Commission, 3rd Floor Muskegon, Michigan

Members Present: Matt Farrar, Muskegon County (Chairperson)

James Koens, MATS

Doug Kadzban, City of Muskegon Heights

Derek Gajdos, City of Grand Haven Tiffany Bowman, Harbor Transit Steve Biesada, City of Roosevelt Park James Murphy, City of Norton Shores Craig Bessinger, City of Ferrysburg

Paul Bouman, MCRC

Marc Fredrickson, MDOT Muskegon TSC

David Fairchild, MDOT Lansing

Steve Redmond, MDOT Grand Region LeighAnn Mikesell, City of Muskegon

Leo Evans, City of Muskegon

Steve Redmond, MDOT Grand Region

Members Absent: Ben VanHoeven, Village of Spring Lake

Randy Phillips, City of North Muskegon Jeremy Statler, Village of Fruitport Brian Armstrong, City of Whitehall Andrea Dewey, FHWA (Non-Voting) Marcia Jeske, Rural Township Rep Brett Laughlin, OCRC (Vice Chairperson) Scott Beishuizen, City of Montague John Nash, Spring Lake Township

Others Present: Tyler Kent, MDOT

Laird Schaefer, Citizen Grand Haven Township

Staff Present: Brian Mulnix, WMSRDC

I. CALL TO ORDER

Chairperson Farrar called the meeting to order at 1:30 p.m. Mr. Farrar asked all attending to introduce themselves.

II. REVIEW OF PREVIOUS MINUTES

Minutes from the previous meeting were reviewed. A motion was made and supported to approve minutes of the May 3, 2018 Technical Committee meeting. Motion approved. *M/S Bessinger/Kadzban*

III. PUBLIC PARTICIPATION

The WestPlan Public Participation Plan procedure was followed to achieve public participation for this meeting. There were no comments from the public.

IV. TIP AMENDMENTS

Mr. Mulnix spoke on the FY2017-2020 TIP. The committee members received a copy of the proposed Amendment M as follows.

FY2017-2020 TIP Amendment M

Harbor Transit

FY2018

- 5339 Discretionary for Harbor Transit Operations Center Expansion-\$1 million to Candidate Projects list
- 5307- 5 replacement buses Federal \$548,041 State \$137,010 -project list
- 5339-1 replacement bus Federal \$65,210 State \$16,303 for State -project list
- CMAQ Marketing Activities \$37,500-project list
- CMAQ- 2 replacement buses Federal \$248,000 State \$62,000 -project list

MDOT

FY2018

CMAQ- JOB #127478 EPE Move project from FY 2019 to FY2018-US-31

MDOT staff asked to have the MDOT job removed from this amendment and handled at a later date. It was also discussed that this and any projects on this list that can be moved forward via Administrative Modification should be handled in that way. MPO Staff indicated that they would follow up and proceed as directed.

A motion was made to approve the proposed Amendment M. The motion was approved. M/S Mikesell/Bessenger

V. MDOT TRAVEL DEMAND

Tyler Kent gave a brief update on the Long Range Transportation Planning Travel Demand Model process.

VI. MPO ROUNDTABLE

- Mr. Redmond mentioned that the MDOT 5-Year Plan is now available online
- Mr. Bessenger asked about the Grand Haven Draw Bridge, discussion followed. Mr. Fredrickson said the electrical components will be upgraded in 2019
- Mr. Fredrickson discussed the US31 buckling issues, repair work has started and full joint repairs will occur
- Mr. Fredrickson mentioned the "Build" Grant that MDOT has applied for to fund improvements at the US-31/Sherman Blvd. Interchange area
- Mrs. Mikesell discussed the City of Muskegon FY2019 CMAQ project and that they may request to change the scope of the project.
- Mr. Fairchild mentioned that Jobnet Phase II is up and running and should streamline the TIP Amendment process.
- **VII. NEW BUSINESS** There was no new business
- VIII. OLD BUSINESS There was no old business to discuss.

IX. PUBLIC PARTICIPATION

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

X. ADJOURN- Meeting adjourned at 2:30 p.m.

ATTACHMENT II

Please see the attached Resolution of Support for State Performance Measure Targets for Bridge, Pavement, and Reliability for the First Performance Period. The targets contained are those developed by MDOT and apply to the National Highway System of roads. Most of the National Highway System roads are MDOT roads but there are segments that are not MDOT. You will note that the targets for bridge and pavement condition, with the exception of poor condition roads, are increasing, showing a continuing decline of the system conditions. Data over the years has shown this deterioration trend continuing. WestPlan is being asked to either support these targets or develop its own for the Metropolitan Planning Area.

With this support of Statewide Targets, roads and bridges in the WestPlan area will be included in the statewide system instead of being looked at individually. WestPlan MPO staff is recommending that the Technical and Policy Committees approve the Resolution of Support for State Targets for Bridge, Pavement, and Reliability for First Performance Period.



Resolution to Support Michigan Department of Transportation State Targets for Bridge, Pavement, and Reliability Performance Measures

- WHEREAS, the West Michigan Metropolitan Transportation Planning Program (WestPlan) has been designated by the Governor of the State of Michigan as the Metropolitan Planning Organization responsible for the comprehensive, continuing, and cooperative transportation planning process for Muskegon and Northern Ottawa Counties; and
- WHEREAS, the WestPlan recognizes the Transportation Performance Measures regulatory requirements outlined in 23 CFR 490.105 and CFR 490.107; and
- WHEREAS, the Michigan Department of Transportation (MDOT) has established targets for FY2018; and
- WHEREAS, the MDOT coordinated the establishment of Performance Measure targets with the 14 Metropolitan Planning Organizations (MPOs) in Michigan through the monthly Target Coordination Meetings and through discussions at various meetings of the Michigan Transportation Planning Association, and
- NOW THEREFORE BE IT RESOLVED that the West Michigan Metropolitan Transportation
 Planning Program (WestPlan) has agreed to support the MDOT's state targets for
 Bridge, Pavement, and Reliability for First Performance Period; and
- **BE IT FURTHER RESOLVED**, that the West Michigan Metropolitan Transportation Planning Program (WestPlan) will plan and program projects that contribute to the accomplishment of state Performance Measure targets.

Erin Kuhn, Executive Director West Michigan Shoreline Regional Development Commission	Roger Bergman, Chairperson WestPlan Policy Committee
 Date	Date

316 Morris Avenue - Suite 340 - Muskegon, MI 49440 Telephone: 231/722-7878 - Fax: 231/722-9362 www.wmsrdc.org LANSING

RICK SNYDER GOVERNOR KIRK T. STEUDLE

May 21, 2018

Dear Director:

The Michigan Department of Transportation (MDOT) is pleased to provide you the state targets for the federally-required performance measures, for the first performance period. MDOT appreciates the efforts your metropolitan planning organization (MPO) has made to participate in the coordination process as these targets were developed over the past year.

In addition to the state targets shown in the table below, 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.

State Targets for First Performance Period

Performance Area	Measure	Baseline Condition (Calendar Year 2017)	2-Year Targets	4-Year Targets
Bridge	Percent National Highway System (NHS) Deck Area in Good Condition	32.7%	27.2%	26.2%
-11mgv	Percent NHS Deck Area in Poor Condition	9.8%	7.2%	7.0%
	Percent of Interstate Pavement in Good Condition	56.8%	N/A	47.8%
	Percent of Interstate Pavement in Poor Condition	5.2%	N/A	10.0%
Pavement	Percent of Non-Interstate NHS Percent in Good Condition	49.7%	46.7%	43.7%
	Percent of Non-Interstate NHS Percent in Poor Condition	18.6%	21.6%	24.6%
Reliability	Level of Travel Time Reliability of the Interstate	85.1%	75.0%	75.0%
	Level of Travel Time Reliability of the Non-Interstate NHS	85.8%	N/A	70.0%
	Freight Reliability Measure on the Interstate	1.38	1.75	1.75
Congestion Mitigation/ Air Quality (CMAQ)*	Annual Hours of Peak Hours Excessive Delay per Capita	18 hours, 30 minutes	N/A	22 hours
	Percent of Non-Single Occupancy Vehicle Travel	16.0%	14.4%	14.4%
	Mobile Source Emission Reduction for Carbon Monoxide	87,665.109	32,968.780	65,937.560
	Mobile Source Emission Reduction for Particulate Matter	653.357	417.410	834.820

^{*}Performance measures apply only to portions of the Southeast Michigan Council of Governments planning area. Also, baseline data for emission reductions shows the total reduction from CMAQ funded projects over the 2014-2017 time period.

MURRAY D. VAN WAGONER BUILDING • P.O. BOX 30050 • LANSING, MICHIGAN 48908 www.michigan.gov • (517) 373-2090

LH-LAN-0 (01/11)

Director May 21, 2018 Page 2

Federal law (23 United States Code 134 (h)(2)) requires that MPOs establish targets not later than 180 days after the state Department of Transportation establishes targets for each measure. Therefore, MPOs must decide on their performance targets for the measures in the table above on or before November 16, 2018.

MPOs may support all the state targets, establish their own specific numeric targets for all the performance measures, or any combination. MPOs may support the state target for one or more individual performance measures and establish specific numeric targets for the other performance measures.

Again, thank you for your MPO's participation in the performance measure coordination process. If you have questions or need additional information or assistance, please feel free to contact either me, Chris Hundt at 517-335-2973, or Kelly Travelbee at 517-898-4875.

Sincerely,

David E. Wresinski, Director Bureau of Transportation Planning

c: Chris Hundt

Kelly Travelbee

AMPD:IMS:CH:ajm

ATTACMENT III

Attached are 2015 socio-economic data tables, by jurisdiction, for use in the WestPlan travel demand model. The data was provided to, and reviewed by, local agencies within the MPO area earlier this summer. Please review this information and plan to take action on it in September.

WestPlan 2015 Employment By Jurisdiction

FOR APPROVAL

	2015	New 2015	
Jurisdiction Name	Number of Businesses	Employment	Employment
	busillesses	Total	Total
Blue Lake Twp	130	518	518
Casnovia	17	82	82
Casnovia Twp	167	603	603
Cedar Creek Twp	142	396	396
Crockery Twp	399	1,570	1,570
Dalton Twp	505	1,658	1,658
Egelston Twp	490	2,556	2,556
Ferrysburg	302	1,292	1,223
Fruitland Twp	307	1,160	1,069
Fruitport	148	572	572
Fruitport Twp	1,058	6,859	5,944
Grand Haven	2,158	13,966	13,966
Grand Haven Twp	1,058	5,842	5,842
Holton Twp	162	624	624
Laketon Twp	388	1,397	1,202
Lakewood Club	46	102	93
Montague	242	1,580	1,475
Montague Twp	132	575	575
Moorland Twp	84	350	282
Muskegon	3,693	24,616	24,616
Muskegon Heights	883	5,458	5,458
Muskegon Twp	1,256	8,489	8,033
North Muskegon	381	1,803	1,783
Norton Shores	2,353	15,852	15,424
Ravenna	117	598	530
Ravenna Twp	111	846	829
Robinson Twp	422	1,414	1,409
Roosevelt Park	433	3,456	3,456
Spring Lake	408	1,904	1,904
Spring Lake Twp	818	5,706	5,706
Sullivan Twp	112	296	296
White River Twp	99	280	280
Whitehall	402	3,012	3,012
Whitehall Twp	186	997	1,007
WestPlan TOTAL	19,609	116,429	113,993

*NOTE: Employment totals do not include businesses listed as a Home-Based Business (HBB).

WestPlan 2015 Demographics By Jurisdiction

FOR APPROVAL FOR APPROVAL

	FOR APPROVAL	FOR APPROVAL	FOR APPROVAL
Jurisdiction Name	Total 2015 Population	Total 2015 Group Quarters Population	Total 2015 Occupied Housing Units
Blue Lake Twp	2,245	3	708
Casnovia	154	0	52
Casnovia Twp	2,674	27	807
Cedar Creek Twp	3,285	23	1,268
Crockery Twp	4,168	44	1,458
Dalton Twp	7,869	19	2,755
Egelston Twp	9,778	26	3,280
Ferrysburg	2,990	7	1,341
Fruitland Twp	5,469	10	1,987
Fruitport	1,149	0	455
Fruitport Twp	12,415	70	4,511
Grand Haven	10,665	172	4,826
Grand Haven Twp	15,763	91	5,644
Holton Twp	2,475	19	822
Laketon Twp	7,505	3	2,900
Lakewood Club	1,132	0	361
Montague	2,412	0	969
Montague Twp	1,566	0	548
Moorland Twp	1,450	0	528
Muskegon	37,664	5,057	13,274
Muskegon Heights	10,660	199	4,001
Muskegon Twp	17,404	230	6,314
North Muskegon	3,746	51	1,633
Norton Shores	23,776	144	9,778
Ravenna	1,251	7	407
Ravenna Twp	1,529	7	501
Robinson Twp	6,215	44	2,041
Roosevelt Park	3,798	29	1,655
Spring Lake	2,437	8	1,050
Spring Lake Twp	12,092	142	4,803
Sullivan Twp	2,379	0	818
White River Twp	1,302	9	487
Whitehall	2,675	149	1,072
Whitehall Twp	1,847	40	660
WestPlan TOTAL	223,939	6,630	83,714

^{*}NOTE #1: Some TAZ boundaries overlap multiple jurisdictions; totals reflect demographic totals of all TAZs assigned to the parent jurisdiction.

^{*}NOTE #2: Demographic information is derived from 2010 Decennial Census Blocks, and factored to 2015 totals using 2015 American Community Survey data.

ATTACHMENT IV

Roadway/Project Name:
Limits:
Jurisdiction:
Work to be completed:
Submitting for Year:
FY 2020 (Projects already programmed)
FY 2021
FY 2022
FY 2023
Does this project address any of the federally mandated performance measures such as Safety, Transit, Pavement/Bridge Condition, Congestion, System Reliability, or Environmental Sustainability? If so, how?

Estimated Federal Cost	
Estimated State Cost	
Estimated Local Cost	
Total Estimated Project	: Cost
NFC Classified Yes If Yes No N/A	, Current Classification?
LengthFeet	Posted Speed MPH
ADT (2-way)	Year
% Commercial	Year
ROW	
Existing Feet	Additional if needed Feet
# of Lanes Existing	Proposed if necessary
Lane Width	
Existing Feet	Proposed if necessary Feet

Existing Pavement Type?
Proposed Pavement Type?
Date of most recent work completed?
Age of pavement?
On street parking?
Utility work planned in conjunction with project?
Current PASER rating
Number of other projects submitting for FY2020-2023 TIP?
Rank within Jurisdiction of all projects submitted
Population of Jurisdiction submitting?
Total miles of federal roads within jurisdiction?
Is this project on a Transit route?
Adjacent sidewalks or other non-motorized facilities?
Total Accidents for project location in last 3 years?
Will project improve safety conditions?

Additional Comments/Project Justification/Regional Significance			
	_		
	_		
	_		
	_		

ATTACHMENT V

Congestion Mitigation and Air Quality (CMAQ) Call for projects

Please see the attached Project Form for the FY2021-2023 CMAQ Call for Projects for the WestPlan MPO. Please fill out a separate sheet for each project that your agency plans to submit. The calculation worksheets will also be required with this submittal. We are requesting that eligible agencies submit your requested projects by **5:00 PM on Friday, September 21, 2018**.

MPO staff will review the projects and we will plan to meet as a group to prioritize and select a draft list for submittal to MDOT. We will plan to review the projects at the October 4, 2018 Technical Committee meeting and have a draft project list for Policy to approve at their October meeting.

Also included is the estimated funding summary that was handed out last month. We expect that the local portion of the CMAQ funding will be approximately \$940,000 per year (2021, 2022, & 2023). MDOT will also have a similar amount to spend on projects in the MPO area.

You can find more information on types of eligible projects as well as calculation sheets and factors to use at this link: https://www.michigan.gov/mdot/0,4616,7-151-9621 11041 60661---,00.html

CONGESTION MITIGATION AND AIR QUALITY (CMAQ) REQUIRED APPLICATION FORM Call for Projects 2021-2023

This form MUST be completed IN ITS ENTIRETY for a project to be considered for funding Fiscal Year(s) Phase(s)* **Control Section** BMP* EMP* Length **MDOT Region** County City/Township **Route Name Location Description** (Short description where the project is located) Work Description (Short description of work being performed. Please provide enough information for eligibility to be determined) Applicant/Phone (Project/System Manager)/Phone# Jurisdiction/Sponsor (Act 51 Agency) Federal State Local Total Project Cost (in dollars) **Emission Calculations** VOC NOx CO CO₂ PM2.5 (From calculations worksheets. Attach worksheets) VOC NOx CO CO₂ PM2.5 Cost per Kilogram (From calculations worksheets. Attach worksheets) **Project Reporting Category:** ☐ Traffic Flow ☐ Transit ☐ Ped/Bike ☐ Shared Ride (Select the category/categories that

Additional Information (use additional pages, if necessary):

best fit your project)

Page 1 of 1

☐ I/M & Other TCMS ☐ Demand Management

^{*}May not apply to Local Applications. (Phase, Beginning Mile Point - BMP, Ending Mile Point - EMP)

CMAQ CALL FOR PROJECTS FY 2020-2023 ESTIMATED FUNDING ALLOCATION TABLE (LOCAL AREAS)

Local Allocation (Less Set-Aside) \$29,954,931

MICHIGAN			FY 2020	FY 2021-2023
COUNTY	2017 POPULATION*	% of Population	Current Local Allocation^	Annual Local Allocation with Redistribution
Genesee	407,385	5.23%	\$1,565,497	\$782,748
Huron	31,280	0.40%	\$120,203	\$60,101
Lapeer	88,174	1.13%	\$338,835	\$169,417
St. Clair	159,350	2.04%	\$612,349	\$766,342
Allegan	116,447	1.49%	\$447,482	\$560,014
Kent	648,594	8.32%	\$2,492,413	\$1,246,207
Muskegon	173,693	2.23%	\$667,466	\$835,320
Ottawa	286,383	3.67%	\$1,100,511	\$550,255
Macomb	871,375	11.18%	\$3,348,515	\$4,190,594
Oakland	1,250,836	16.05%	\$4,806,705	\$6,015,488
Wayne	1,753,616	22.50%	\$6,738,786	\$8,433,445
Benzie	17,573	0.23%	\$67,529	\$33,765
Mason	29,073	0.37%	\$111,722	\$55,861
Berrien	154,259	1.98%	\$592,786	\$741,858
Calhoun	134,128	1.72%	\$515,426	\$257,713
Cass	51,381	0.66%	\$197,447	\$98,723
Kalamazoo	262,985	3.37%	\$1,010,597	\$505,299
Van Buren	75,353	0.97%	\$289,566	\$144,783
Clinton	78,443	1.01%	\$301,440	\$150,720
Eaton	109,027	1.40%	\$418,968	\$209,484
Ingham	290,186	3.72%	\$1,115,125	\$557,563
Lenawee	98,623	1.27%	\$378,988	\$189,494
Livingston	189,651	2.43%	\$728,790	\$912,065
Monroe	149,649	1.92%	\$575,070	\$719,688
Washtenaw	367,627	4.72%	\$1,412,715	\$1,767,982
Total Population	7,795,091	100.00%	\$29,954,931	\$29,954,931

^{*}Latest Population Data Available (U.S. Census Bureau)

Counties highlighted remain designated as non-attainment (2015 Ozone Standard) and remaining allocation will be redistributed to non-attainment areas based on population.

CMAQ funding is intended to help improve air quality in counties designated as non-attainment. In August of 2018, the Environmental Protection Agency and Federal Highway Administration will recognize the 2015 Ozone Standards, thus reducing the number of non-attainment counties in Michigan from 25 to 10. MDOT is aware that FHWA continues to allow former non-attainment counties to utilize CMAQ funding. In Michigan, this includes 15 counties that are former non-attainment and 10 counties that remain non-attainment. As such, MDOT is reducing CMAQ funding to the former non-attainment counties by half of their prior annual allocation and increasing in formula distribution to counties that remain non-attainment. These changes do not occur until 2021, however, if the former non-attainment counties continue to program CMAQ funded projects and FHWA changes their position regarding their eligibility to utilize CMAQ funding, it will be at their own risk. MDOT will make corresponding trunkline CMAQ program changes in alignment with local program changes to ensure consistency in application across jurisdictions.

[^]One-half of County Allocation to Local Program