

WESTPLAN FY2023-2026 TIP APPENDICES

This page left intentionally blank

APPENDIX A: WESTPLAN ADVISORY COMMITTEES

WESTPLAN POLICY COMMITTEE

Kim Arter, Chairperson	Supervisor, Laketon Township
Matthew Fenske	Ottawa County Commissioner
Steven Salter	Mayor, City of Whitehall
Roger Morgenstern	Councilperson, City of Norton Shores
Roger Bergman	Ottawa County Commissioner
Elmer Hoyle	Trustee, Ravenna Township
Susie Hughes	Muskegon County Commissioner
Jack Kennedy	Muskegon County Road Commissioner
Diane Goodman	Councilperson, City of Roosevelt Park
Jeff Franklin	Supervisor, Michigan Department of Transportation
Bonnie McGlothlin	Councilperson, City of Muskegon Heights
Kevin McLaughlin	Harbor Transit Board Member
Betty Gajewski	Ottawa County Road Commission Member
Mark Powers	Councilperson, Village of Spring Lake
Kathy McNally	Councilperson, City of Grand Haven
Scott Blease, Vice Chairperson	Mayor, City of Ferrysburg
Ryan Kelly	Supervisor, Crockery Township
Andrew Sibold	Planner, Federal Highway Administration
Ken Johnson	Mayor, City of Muskegon
Rillastine Wilkins	Muskegon County Commissioner – MATS
Roger Vanderstelt	Village of Fruitport
Bob Hires	City of Montague
Bill Mogren	City of North Muskegon

WESTPLAN TECHNICAL COMMITTEE

Leo Evans,	City of Muskegon
Brian Armstrong	City of Whitehall
Scott Beishuizen	City of Montague
Craig Bessinger	City of Ferrysburg
Paul Bouman	Muskegon County Road Commission
Luke Walters	Michigan Department of Transportation
Scott Biesiada	Fruitport Charter Township
Ben VanHoeven	City of Roosevelt Park
Derek Gajdos	City of Grand Haven
John Allen	City of Muskegon Heights
Matt Chappuies	Ottawa County Plan & Performance Improvement
James Koens	Muskegon Area Transit
Brett Laughlin	Ottawa County Road Commission
Matt Farrar	Muskegon County
Kevin McLaughlin	Harbor Transit Multi-Modal Transportation System
Jim Murphy	City of Norton Shores
John Nash	Spring Lake Township
Mark Disselkoen	City of North Muskegon
Tyler Kent	MDOT Grand Region
Andrew Sibold	Federal Highway Administration
Ben VanHoeven	Village of Spring Lake
Justin Clish	Village of Fruitport
Marc Fredrickson	MDOT- Muskegon TSC

APPENDIX B: MPO CERTIFICATION RESOLUTION

METROPOLITAN TRANSPORTATION PLANNING PROCESS CERTIFICATION

In accordance with 23 CFR 450.334, the Michigan Department of Transportation and the West Michigan Metropolitan Transportation Planning Program (WestPlan), the Metropolitan Planning Organization for Muskegon County and Northern Ottawa County, Michigan, in the Muskegon urbanized area, hereby certify, as part of the STIP submittal, that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- I. 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5304, and this part;
- II. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- III. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- IV. Section 1101(b) of the FAST Act (Pub. L. 114-357) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- V. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- VI. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;
- VII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- VIII. 23 U.S.C. 324, regarding the prohibition of discrimination based on gender; and
- IX. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.
- X. (*applicable to Non-Attainment and Maintenance Areas only*) Sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C 7504 and 7506(c) and (d)) and 40 CFR part 93

Erin Kuhn, Executive Director
WMSRDC/WestPlan MPO

Todd White, Director
Bureau of Transportation Planning

Date

APPENDIX C: MPO RESOLUTION FOR TIP APPROVAL

Signed resolution will be inserted once approved by the MPO policy committee

APPENDIX D: AMENDMENTS & ADMINISTRATIVE MODIFICATIONS

The Transportation Improvement Program (TIP) and the Long-Range Transportation Plan (LRTP) is modified, often several times, throughout the life of the documents.

Federal standards set forth in MAP-21 identify that Metropolitan Planning Organizations plan in accordance with this legislation. FHWA has identified that MPO's establish guidelines for amendments and modification of TIP's and LRTP's.

In order to comply with the federal regulations and to allow for an efficient process for amending and administratively adjusting the TIP and LRTP's, MPO staff has developed several guidelines to help with the process.

Transportation Improvement Program Revisions

The two types of revisions made to the TIP are *amendments* and *administrative modifications*.

An amendment to the TIP will occur when:

1. Adding a new project
2. Deleting a project
3. A cost change of 25% or more
4. Change in project design concept or scope (e.g. changing project termini, number of through lanes)
5. Changing non-Federally funded project to Federally funded project
6. Changing an existing project to an advance construction project
7. Project swap that involves multiple jurisdictions

Existing MPO, State and Federal processes will be followed for proposed TIP amendments in the areas of air quality conformity, financial constraint, public participation and environmental justice.

Amendments will be reviewed by the TIP Development Committee (which is the Technical Advisory Committee, or a designated sub-committee of this group) and will require action by both the Technical and Policy Committees. In the event that an amendment must be taken directly to the Policy Committee, the Technical Committee, which is also the TIP Development Committee, will be notified via email.

An administrative modification to the TIP will occur when:

1. Minor changes in scope
2. Changes in funding source within the same funding source type (e.g., federal to federal, state to state, local to local)
3. Corrections to listing errors
4. Revisions that swap projects between years, within the same agency, while maintaining financial constraint
5. A cost change of less than 25% as long as there is no impact on any other agency

Administrative modification will be completed by MPO staff. Revisions that change cost greater

than 10% must be approved by the Technical Committee, which is also the TIP Development Committee. Such approval may be obtained utilizing email.

Long Range Transportation Plan Revisions

The two types of revisions made to the LRTP are *amendments* and *administrative modifications*.

An amendment to the LRTP will occur when:

1. Adding a new project
2. Deleting a project
3. A cost change of 10% or more
4. Change in project design concept or scope (e.g. changing project termini, number of through lanes)
5. Changing non-Federally funded project to Federally funded project

Existing MPO, State and Federal processes will be followed for proposed LRTP amendments in the areas of air quality conformity, financial constraint, public participation and environmental justice.

Amendments will require action by both the Technical and Policy Committees. In the event that an amendment must be taken directly to the Policy Committee, the Technical Committee will be notified via email.

An administrative modification to the LRTP will occur when:

1. Minor changes in scope
2. Changes in funding source within the same funding source type (e.g., federal to federal, state to state, local to local)
3. Corrections to listing errors
4. A cost change of less than 25% with no impact to any other agency

Administrative modifications will be completed by MPO staff. Revisions that change cost greater than 25% must be approved by the Technical Committee. Such approval may be obtained utilizing email.

APPENDIX F: COMPLETED PROJECTS FROM THE FY2020-2023 TIP



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2020, 2021, 2022, 2023

Date: 04/29/2022

Page: 1 of 6

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AD/ AGC	ADO 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	PKWA 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																														
Local Traffic Operations And Safety																																																															
2020	Local	285232	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon	Lakeshore Dr	Intersection of Lakeshore and Beach	1.080	Traffic Safety	Roundabout construction			CON Completed	20-23	\$250,000	\$0	\$0	\$250,000	CMG	\$303,695.79	Admin Modification	08/19/2019				N/A	10/14/2019	10/23/2019	12/08/2019	12/08/2019				Approved																													
QPA Type Subtotals:			Local Traffic Operations And Safety																																																												
S/TIP Line Items																																																															
2020	Local	130777	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Whitehall Rd	Whitehall Road from River Road to Barn	2.096	Road Capital	Resurface- Mill & Fill			CON Completed	20-23	\$75,241	\$0	\$16,707	\$92,048	HIPS	\$433,469.37	Admin Modification	05/28/2020	05/28/2020	05/28/2020		N/A	09/11/2020	06/25/2020	11/05/2020	11/05/2020			Added HIP Funding to the Federal share of this project. Approved through MPO Policy on October 16, 2019. Change request on 5/21/2020 to change from "Reconstruct" to "Resurface". There will be no addition of a center turn lane as previously programmed. There is no change of funding or any other part of the project.	Approved																													
2020	Local	130777	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Whitehall Rd	Whitehall Road from River Road to Barn	2.096	Road Capital	Resurface- Mill & Fill			CON Completed	20-23	\$452,221	\$0	\$125,926	\$578,147	STUL	\$433,469.37	Admin Modification	05/28/2020	05/28/2020	05/28/2020		N/A	09/11/2020	06/25/2020	11/05/2020	11/05/2020			Added HIP Funding to the Federal share of this project. Approved through MPO Policy on October 16, 2019. Change request on 5/21/2020 to change from "Reconstruct" to "Resurface". There will be no addition of a center turn lane as previously programmed. There is no change of funding or any other part of the project.	Approved																													



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2020, 2021, 2022, 2023

Date: 04/29/2022

Page: 2 of 6

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AD/ AGC	ACC 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	PKWA 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																																	
2020	Local	152823	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	LakeWood Club	Automobile Rd	Lakewood Road to White Lake Drive	1.027	Road Rehabilitation	Crack and Seal with asphalt paving			CON Completed	20-23	\$375,000	\$0	\$123,000	\$498,000	STUL	\$422,337.55	Admin Modification	13/28/2019	10/19/2019	11/02/2019	N/A	11/01/2019	11/08/2019	01/10/2020	01/10/2020				Approved
2020	Local	152941	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon County	Muskegon County	Fruitvale Rd	US-31 to Walsh Road	0.773	Road Rehabilitation	Resurfacing			CON Completed	20-23	\$337,631	\$0	\$74,809	\$412,500	STUL	\$291,253.16	Admin Modification	03/08/2020	07/11/2019	07/11/2019	N/A	04/10/2020	03/19/2020	06/05/2020	06/05/2020				Approved
2020	Trunkline	203063	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	MDOT	US-31	Hile Rd to M-46 Ramps at M-120 White Lake Dr. Russel, Coby & Fruitvale	7.122	Road Capital Preventive Maintenance	Concrete Joint Repairs Reseal Joints, Resurfacing Ramps			CON Completed	20-23	\$1,803,565	\$369,935	\$0	\$2,203,500	NH	\$2,454,250.35	Admin Modification	12/10/2019	11/20/2019	11/02/2019	N/A	12/13/2019	01/09/2020	02/07/2020	02/11/2020			This project was moved from FY 19 to FY 20 due to two unsuccessful lettings. The budget was increased to accommodate the potential bids as well as constraining the CPM FY 20 target. This project has a December letting and needs approval as soon as possible.	Approved
2021	Trunkline	203612	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	MDOT	M-45	120th Ave to 88th Ave	5.095	Road Capital Preventive Maintenance	Milling & Other Course Asphalt Overlay			CON Completed	20-23	\$680,893	\$146,507	\$0	\$887,200	NH	\$1,445,479.76	Admin Modification	12/08/2019	08/19/2019	10/02/2019	N/A	12/09/2020	12/11/2020	01/08/2021	01/08/2021				Approved
2020	Local	202369	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Norton Shores	Lake Harbor Rd	Lake Harbor Road over Moss Lake Channel, Strif 7700, City of Norton Shores	0.000	Bridge CPM	Miscellaneous Bridge Capital Preventive Maintenance			CON Completed	20-23	\$136,000	\$25,500	\$8,500	\$170,000	BHFI	\$336,297.30	Admin Modification	02/28/2019	08/19/2019	10/02/2019	N/A	10/14/2019	10/23/2019	01/10/2020	01/10/2020				Approved
2020	Local	205354	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	Grand Haven	Fulton Ave	Fulton Avenue	0.370	Reconstruction	Reconstruction			CON Completed	20-23	\$0	\$339,545	\$0	\$339,545	EDF	\$1,558,996.80			06/19/2019	10/02/2019	N/A	01/13/2020	01/21/2020	03/08/2020	03/08/2020				Approved
2020	Local	205354	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	Grand Haven	Fulton Ave	Fulton Avenue	0.370	Reconstruction	Reconstruction			CON Completed	20-23	\$0	\$0	\$482,772	\$482,772	STUL	\$1,558,996.80			06/19/2019	10/02/2019	N/A	01/13/2020	01/21/2020	03/08/2020	03/08/2020				Approved
2021	Local	205354	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	Grand Haven	Fulton Ave	Fulton Avenue	0.370	Reconstruction	Reconstruction	ACC	2021	CON Completed	20-23	\$415,000			\$415,000	STUL	\$1,558,996.80			06/19/2019	10/02/2019	N/A	01/13/2020	01/21/2020	03/08/2020	03/08/2020				Approved



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2020, 2021, 2022, 2023

Date: 04/29/2022

Page: 3 of 6

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AD/ AGC	ADO 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	PKWA 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																																		
2021	Local	205371	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon	Peck St	Peck Street	0.255	Reconstruction	Reconstruction			CON	Completed	20-23	\$381,810	\$0	\$415,120	\$797,930	STUL	\$990,282.82	Admin Modification	11/23/2020	09/10/2020	08/22/2020	N/A	12/11/2020	12/15/2020	02/05/2021	02/05/2021			CR Submitted on 11/21/19 to modify limits of original project. The new limits are Peck Street from Apple to Strong. The funding amount remains as originally programmed, this is just a limit change. CR Submitted on 5/27/2020 to modify limits. Old limits were Peck Street from Apple to Strong. New Limits: Peck Street from Apple to Merrill. The funding amount remains as originally programmed, this is just a limit change. CR submitted on 5/3/2020 to adjust cost for non-participating cost in the amount of \$210,155. Federal amount remains as programmed.	Approved
2021	Local	205374	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Russell Rd	Russell Road from River Road to US-31	1.878	Road Rehabilitation	Crush and Shape			CON	Completed	20-23	\$417,510	\$0	\$262,890	\$680,500	STUL	\$798,090.00	Admin Modification	04/06/2021	04/06/2021	04/08/2021	N/A	05/14/2021	05/06/2021	07/09/2021	07/09/2021				Approved
2021	Local	205561	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Whitchell Rd	Whitchell Road from Dorn Road to Michilinda	2.288	Road Capital	Milling and one course overlay			CON	Completed	20-23	\$999,316	\$0	\$164,829	\$794,145	STL	\$633,026.87	Admin Modification	04/08/2021	01/29/2021	01/29/2021	N/A	05/07/2021	05/07/2021	07/09/2021	07/09/2021				Approved
2021	Local	206053	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Norton Shores	Arlene Rd	Arlene Road over Black Creek, Str# 2702, City of Norton Shores	0.000	Bridge CHM	Miscellaneous Bridge Capital Preventative Maintenance			CON	Completed	20-23	\$137,500	\$25,800	\$8,600	\$172,000	BH1	\$221,891.00	Admin Modification	03/03/2020			N/A	12/11/2020	11/27/2020	02/05/2021	02/05/2021				Approved



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2020, 2021, 2022, 2023

Date: 04/29/2022

Page: 4 of 6

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AD/ AGC	ACC 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	PKWA 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																																	
2020	Trunkline	208495	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of WESTPLAN MPO	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region			PE Completed	20-23	\$567	\$63	\$0	\$630	HSIP	\$2,759,688.81			08/19/2019	10/02/2019	N/A	10/01/2019	10/23/2019	04/03/2020				Approved	
2020	Trunkline	208495	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of WESTPLAN MPO	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region			CON Completed	20-23	\$225,668	\$25,074	\$0	\$250,742	HSIP	\$2,759,688.81	Admin Modification	02/03/2020	08/19/2019	10/02/2019	N/A	03/02/2020	02/25/2020	04/03/2020	04/03/2020				Approved
2020	Trunkline	208541	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of WESTPLAN MPO	3.834	Traffic Safety	Special marking application on trunkline routes in Grand Region			PE Completed	20-23	\$567	\$63	\$0	\$630	HSIP	\$351,606.81			08/19/2019	10/02/2019	N/A	10/01/2019	10/23/2019	04/03/2020				Approved	
2020	Trunkline	208541	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of WESTPLAN MPO	3.834	Traffic Safety	Special marking application on trunkline routes in Grand Region			CON Completed	20-23	\$25,326	\$2,614	\$0	\$28,140	HSIP	\$351,606.81	Admin Modification	02/10/2020	01/19/2020	01/28/2020	N/A	03/03/2020	02/24/2020	04/03/2020	04/03/2020				Approved
2020	Local	287155	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Countywide Multiple Routes, Various Locations, Muskegon County	Multiple Routes, Various Locations, Muskegon County	0.000	Traffic Safety	Upgrade curve warning signs			CON Completed	20-23	\$158,400	\$0	\$17,600	\$176,000	HSIP	\$166,968.90	Admin Modification	08/14/2020			N/A	09/08/2020	09/11/2020	12/04/2020	12/04/2020				Approved
2020	Local	287157	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Countywide Multiple Routes, Various Locations, Muskegon County	Multiple Routes, Various Locations, Muskegon County	0.000	Traffic Safety	Upgrade Stop and Stop Ahead signs			CON Completed	20-23	\$40,500	\$0	\$4,500	\$45,000	HSIP	\$34,644.90	Admin Modification	08/14/2020			N/A	09/08/2020	09/11/2020	12/04/2020	12/04/2020				Approved
2020	Trunkline	207283	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide All trunkline routes in WESTPLAN MPO	All trunkline routes in WESTPLAN MPO	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region			PE Completed	20-23	\$136	\$64	\$0	\$640	HSIP	\$2,977,671.06	Admin Modification	08/02/2020	08/19/2019	10/02/2019	N/A	08/03/2020		03/05/2021				Approved	
2021	Trunkline	207283	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide All trunkline routes in WESTPLAN MPO	All trunkline routes in WESTPLAN MPO	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region			CON Completed	20-23	\$230,580	\$25,620	\$0	\$256,200	HSIP	\$2,977,671.06	Admin Modification	08/02/2020	08/19/2019	10/02/2019	N/A	02/08/2021	02/01/2021	03/05/2021	03/05/2021				Approved
2021	Trunkline	207284	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide All of WESTPLAN MPO	All of WESTPLAN MPO	1.006	Traffic Safety	Special pavement marking application on trunklines in Grand Region			PE Completed	20-23	\$750	\$64	\$0	\$640	HSIP	\$428,703.99	Admin Modification	08/02/2020	08/19/2019	10/02/2019	N/A	08/03/2020	12/04/2020	05/07/2021				Approved	
2021	Trunkline	207284	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide All of WESTPLAN MPO	All of WESTPLAN MPO	1.088	Traffic Safety	Special pavement marking application on trunklines in Grand Region			CON Completed	20-23	\$37,044	\$4,116	\$0	\$41,160	HSIP	\$428,703.99	Admin Modification	09/03/2020	08/19/2019	10/02/2019	N/A	03/08/2021	04/05/2021	05/07/2021	05/07/2021				Approved



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2020, 2021, 2022, 2023

Date: 04/29/2022

Page: 5 of 6

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AD/ AGC	ACC Year(s)	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	FWHA 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																																									
2022	Trunkline	207321	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide	All of WESTPLAN MPO	1.488	Traffic Safety	Longitudinal pavement marking Application on trunklines in Grand Region			PE	Completed	20-23	\$758	\$84	\$0	\$840	HSIP	\$2,748,498.14	Admin Modification	08/12/2020	08/19/2019	10/02/2019	N/A	10/12/2021	10/28/2021	03/04/2022				Approved								
2022	Trunkline	207322	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide	All of WESTPLAN MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region			PE	Completed	20-23	\$758	\$84	\$0	\$840	HSIP	\$827,026.86	Admin Modification	08/12/2020	08/19/2019	10/02/2019	N/A	10/12/2021	10/28/2021	04/01/2022				Approved								
2020	Local	209583	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Muskegon	Muskegon County	Lakewood	Dr Lakewood Road from Whitehall Road to Russell Road	2.293	Road Rehabilitation	Resurfacing			CON	Completed	20-23	\$581,870	\$0	\$145,418	\$727,088	STL	\$806,892.84	Admin Modification	08/25/2020	12/18/2019	01/11/2020	N/A	08/07/2020	07/28/2020	11/08/2020	11/08/2020				Approved							
GPA Type Subtotals:																S/TIP Line Items																									
																\$7,096,131	\$892,373	\$1,861,731	\$9,849,235																						
Trunkline Road																																									
2020	Trunkline	203144	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide	Muskegon County	45.775	Road Capital Preventive Maintenance	Asphalt Crack Treatment (FPVS)			CON	Completed	20-23	\$9,004	\$1,997	\$0	\$11,000	N/A	\$575,634.42					N/A	01/15/2020	02/07/2020	03/11/2020	03/11/2020				Approved							
2020	Trunkline	204257	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	MDOT	US-31	M-45 north to Comstock Street	6.055	Road Capital Preventive Maintenance	Full Depth Concrete Joint Repair Diamond Grinding			CON	Completed	20-23	\$1,520,773	\$337,227	\$0	\$1,858,000	N/A	\$2,074,712.80	Admin Modification	12/18/2019			N/A	02/07/2020	02/07/2020	03/09/2020	03/09/2020				Approved							
GPA Type Subtotals:																Trunkline Road																									
																\$1,529,777	\$338,224	\$0	\$1,868,000																						
Trunkline Traffic Operations And Safety																																									
2020	Trunkline	204785	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide	US-31 at M-45 (Grand Haven) I-96 at Fruitport Rest Area (Nunica) US-31 at US-31 BR (Whitehall)	0.000	ITS Applications	Road Weather Information Systems			EPE	Completed	20-23	\$32,192	\$7,138	\$0	\$39,330	ST	\$4,631,526.82					N/A	10/25/2019	11/08/2019	07/08/2021				Approved								
2020	Trunkline	204786	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Kent	MDOT	Regionwide	US-31 at M-45 (Grand Haven) I-96 at Fruitport Rest Area (Nunica) US-31 at US-31 BR (Whitehall)	0.000	ITS Applications	Road Weather Information Systems			PE	Completed	20-23	\$77,360	\$17,132	\$0	\$94,492	ST	\$4,631,526.82					N/A	10/25/2019	11/08/2019	07/08/2021				Approved								
2021	Trunkline	205227	West Michigan Metropolitan Transportation Planning Program (WESTPLAN)	Ottawa	MDOT	US-31 N	US-31 from Hayes to M-104 and ND US-31 at M-45	4.888	ITS Applications	ITS devices, advanced Traffic Signal technologies and communication s			PE	Completed	20-23	\$285,849	\$85,366	\$0	\$349,235	N/A	\$1,675,251.75	Adjustment	03/13/2019			N/A	10/05/2020	10/22/2020	02/04/2022				Approved								



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2020, 2021, 2022, 2023

Date: 04/29/2022

Page: 6 of 6

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AD/ AGC	ACC Year(s)	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	PKWA 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
GPA Type Subtotals:																\$395,301	\$37,656	\$0	\$432,957															
Grand Total:																\$9,270,209	\$1,419,253	\$1,851,731	\$12,541,192															

Total Job Phases Reported: 30

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

Preferences:

Report Format: Standard

FISCAL Year(s): 2020, 2021, 2022, 2023

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

County: ALL

Prosperity Region: ALL

MDOT Region: ALL

STIP Cycle: Fiscal Year 2020 - Fiscal Year 2023

STIP Status: Approved, Pending
(A - Approved, P - Pending)

Job Type: Trunkline, Local, Multi-Modal

Phase Type: ALL

Phase Status: Completed
(AP - Programmed, AC - Active, CP - Completed)
(Active - Obligated)

Amendment Type: ALL

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

Finance System: Trunkline - ALL, Local - ALL, Multi-Modal - ALL

RTF: ALL

Include S/TIP Exempt: No

Include Delayed to Future S/TIP Cycle: No

APPENDIX F: FY2023-2026 FINANCIAL CONSTRAINT TABLE

Fund Source	Total Revenue	Federal Revenue	Federal Commitment	State Commitment	Local Commitment	Total Commitment
Fiscal Year - 2023						
Fiscal Year - 2023, Local MPO Based Constraints						
Carbon Reduction - Small Mpo	\$353,000	\$353,000	\$0	\$0	\$0	\$0
HIP - Small MPO	\$295,779	\$295,779	\$295,779	\$0	\$0	\$295,779
STP - Small MPO	\$5,684,500	\$2,652,000	\$2,683,000	\$0	\$2,832,500	\$5,515,500
Stp Flex - Small Mpo	\$105,000	\$105,000	\$0	\$0	\$0	\$0
Transit - STP - Small MPO - Flex	\$11,440	\$0	\$45,761	\$11,440	\$0	\$57,201
FY 2023, Local MPO Based Constraints Total	\$6,449,719	\$3,605,779	\$3,024,540	\$11,440	\$2,832,500	\$5,868,480
Fiscal Year - 2023, Local RTF Based Constraint						
STP - Rural/Flexible	\$824,575	\$602,670	\$602,670	\$0	\$221,905	\$824,575
TEDF Category D	\$220,877	\$0	\$0	\$220,877	\$0	\$220,877
FY 2023, Local RTF Based Constraint Total	\$1,045,452	\$602,670	\$602,670	\$220,877	\$221,905	\$1,045,452
Fiscal Year - 2023, Local Projects from Statewide Sources						
CMAQ	\$1,117,674	\$894,139	\$894,139	\$198,535	\$25,000	\$1,117,674
Safety	\$481,400	\$386,120	\$386,120	\$0	\$95,280	\$481,400
STP - Flexible (Bridge)	\$394,000	\$315,200	\$315,200	\$41,300	\$37,500	\$394,000
FY 2023, Local Projects from Statewide Sources Total	\$1,993,074	\$1,595,459	\$1,595,459	\$239,835	\$157,780	\$1,993,074
Fiscal Year - 2023, MDOT Project Templates						
Bridge Replacement and Preservation	\$8,834,002	\$7,230,630	\$7,230,630	\$1,603,372	\$0	\$8,834,002
Road - Rehabilitation and Reconstruction	\$25,001	\$20,463	\$20,463	\$4,141	\$397	\$25,001
Traffic & Safety	\$415,406	\$373,866	\$373,866	\$41,540	\$0	\$415,406
Other	\$865,000	\$708,003	\$708,003	\$156,997	\$0	\$865,000
FY 2023, MDOT Project Templates Total	\$10,139,409	\$8,332,962	\$8,332,962	\$1,806,050	\$397	\$10,139,409
Fiscal Year - 2023, Transit Project Categories						
5307	\$4,674,312	\$2,352,156	\$2,352,156	\$1,147,380	\$1,174,776	\$4,674,312
5310	\$1,042,198	\$791,848	\$791,848	\$180,500	\$69,850	\$1,042,198
5311	\$129,170	\$64,585	\$64,585	\$64,585	\$0	\$129,170
5339	\$351,528	\$281,222	\$281,222	\$70,306	\$0	\$351,528
FY 2023, Transit Project Categories Total	\$6,197,208	\$3,489,811	\$3,489,811	\$1,462,771	\$1,244,626	\$6,197,208
Fiscal Year - 2023 Grand Total	\$25,824,862	\$17,626,681	\$17,045,442	\$3,740,973	\$4,457,208	\$25,243,623
Fiscal Year - 2024						
Fiscal Year - 2024, Local MPO Based Constraints						
Carbon Reduction - Small Mpo	\$360,000	\$360,000	\$0	\$0	\$0	\$0
HIP - Small MPO	\$111,407	\$0	\$88,593	\$0	\$111,407	\$200,000
STP - Small MPO	\$4,507,275	\$2,909,000	\$2,704,000	\$0	\$1,598,275	\$4,302,275
Stp Flex - Small Mpo	\$107,000	\$107,000	\$0	\$0	\$0	\$0
FY 2024, Local MPO Based Constraints Total	\$5,085,682	\$3,376,000	\$2,792,593	\$0	\$1,709,682	\$4,502,275

Fiscal Year - 2024, Local RTF Based Constraint						
STP - Rural/Flexible	\$829,316	\$599,316	\$599,316	\$0	\$230,000	\$829,316
TEDF Category D	\$56,835	\$0	\$0	\$56,835	\$0	\$56,835
FY 2024, Local RTF Based Constraint Total	\$886,151	\$599,316	\$599,316	\$56,835	\$230,000	\$886,151
Fiscal Year - 2024, Local Projects from Statewide Sources						
CMAQ	\$1,180,617	\$944,494	\$944,494	\$213,623	\$22,500	\$1,180,617
STP - Flexible (Bridge)	\$1,349,000	\$1,079,200	\$1,079,200	\$0	\$269,800	\$1,349,000
STP - Small Urban	\$481,250	\$385,000	\$385,000	\$0	\$96,250	\$481,250
FY 2024, Local Projects from Statewide Sources Total	\$3,010,867	\$2,408,694	\$2,408,694	\$213,623	\$388,550	\$3,010,867
Fiscal Year - 2024, MDOT Project Templates						
Bridge Replacement and Preservation	\$540,000	\$441,990	\$441,990	\$98,010	\$0	\$540,000
Road - Rehabilitation and Reconstruction	\$10,206,000	\$8,353,611	\$8,353,611	\$1,852,389	\$0	\$10,206,000
Traffic & Safety	\$2,878,764	\$2,848,306	\$2,848,306	\$30,458	\$0	\$2,878,764
FY 2024, MDOT Project Templates Total	\$13,624,764	\$11,643,907	\$11,643,907	\$1,980,857	\$0	\$13,624,764
Fiscal Year - 2024, Transit Project Categories						
5307	\$1,482,168	\$939,084	\$939,084	\$132,000	\$411,084	\$1,482,168
5310	\$159,060	\$79,530	\$79,530	\$79,530	\$0	\$159,060
5311	\$93,170	\$46,585	\$46,585	\$46,585	\$0	\$93,170
5339	\$76,587	\$61,270	\$61,270	\$15,317	\$0	\$76,587
FY 2024, Transit Project Categories Total	\$1,810,985	\$1,126,469	\$1,126,469	\$273,432	\$411,084	\$1,810,985
Fiscal Year - 2024 Grand Total	\$24,418,449	\$19,154,386	\$18,570,979	\$2,524,747	\$2,739,316	\$23,835,042
Fiscal Year - 2025						
Fiscal Year - 2025, Local MPO Based Constraints						
Carbon Reduction - Small Mpo	\$367,000	\$367,000	\$0	\$0	\$0	\$0
STP - Small MPO	\$4,354,312	\$2,967,000	\$2,754,704	\$0	\$1,387,312	\$4,142,016
Stp Flex - Small Mpo	\$109,000	\$109,000	\$0	\$0	\$0	\$0
Transit - STP - Small MPO - Flex	\$28,180	\$0	\$112,717	\$28,180	\$0	\$140,897
FY 2025, Local MPO Based Constraints Total	\$4,858,492	\$3,443,000	\$2,867,421	\$28,180	\$1,387,312	\$4,282,913
Fiscal Year - 2025, Local RTF Based Constraint						
STP - Rural/Flexible	\$1,409,863	\$1,077,983	\$1,077,983	\$0	\$331,880	\$1,409,863
TEDF Category D	\$39,282	\$0	\$0	\$39,282	\$0	\$39,282
FY 2025, Local RTF Based Constraint Total	\$1,449,145	\$1,077,983	\$1,077,983	\$39,282	\$331,880	\$1,449,145
Fiscal Year - 2025, Local Projects from Statewide Sources						
CMAQ	\$1,210,961	\$952,590	\$952,590	\$159,089	\$99,282	\$1,210,961
FY 2025, Local Projects from Statewide Sources Total	\$1,210,961	\$952,590	\$952,590	\$159,089	\$99,282	\$1,210,961
Fiscal Year - 2025, MDOT Project Templates						
Bridge Replacement and Preservation	\$3,450,000	\$2,823,825	\$2,823,825	\$626,175	\$0	\$3,450,000
Road - Rehabilitation and Reconstruction	\$22,480,000	\$18,399,880	\$18,399,880	\$3,723,109	\$357,011	\$22,480,000

Traffic & Safety	\$289,884	\$260,896	\$260,896	\$28,988	\$0	\$289,884
FY 2025, MDOT Project Templates Total	\$26,219,884	\$21,484,601	\$21,484,601	\$4,378,272	\$357,011	\$26,219,884
Fiscal Year - 2025, Transit Project Categories						
5307	\$1,179,172	\$688,586	\$688,586	\$66,000	\$424,586	\$1,179,172
5310	\$159,060	\$79,530	\$79,530	\$79,530	\$0	\$159,060
5311	\$93,170	\$46,585	\$46,585	\$46,585	\$0	\$93,170
5339	\$78,119	\$62,495	\$62,495	\$15,624	\$0	\$78,119
FY 2025, Transit Project Categories Total	\$1,509,521	\$877,196	\$877,196	\$207,739	\$424,586	\$1,509,521
Fiscal Year - 2025 Grand Total	\$35,248,003	\$27,835,370	\$27,259,791	\$4,812,562	\$2,600,071	\$34,672,424
Fiscal Year - 2026						
Fiscal Year - 2026, Local MPO Based Constraints						
Carbon Reduction - Small Mpo	\$374,000	\$374,000	\$0	\$0	\$0	\$0
STP - Small MPO	\$4,670,350	\$3,026,000	\$2,808,000	\$0	\$1,644,350	\$4,452,350
Stp Flex - Small Mpo	\$111,000	\$111,000	\$0	\$0	\$0	\$0
Transit - STP - Small MPO - Flex	\$13,546	\$0	\$54,184	\$13,546	\$0	\$67,730
FY 2026, Local MPO Based Constraints Total	\$5,168,896	\$3,511,000	\$2,862,184	\$13,546	\$1,644,350	\$4,520,080
Fiscal Year - 2026, Local RTF Based Constraint						
STP - Rural/Flexible	\$670,316	\$599,316	\$599,316	\$0	\$71,000	\$670,316
TEDF Category D	\$189,693	\$0	\$0	\$189,693	\$0	\$189,693
FY 2026, Local RTF Based Constraint Total	\$860,009	\$599,316	\$599,316	\$189,693	\$71,000	\$860,009
Fiscal Year - 2026, Local Projects from Statewide Sources						
CMAQ	\$1,601,730	\$971,384	\$971,384	\$107,846	\$522,500	\$1,601,730
STP - Small Urban	\$733,951	\$385,000	\$385,000	\$0	\$348,951	\$733,951
FY 2026, Local Projects from Statewide Sources Total	\$2,335,681	\$1,356,384	\$1,356,384	\$107,846	\$871,451	\$2,335,681
Fiscal Year - 2026, MDOT Project Templates						
Road - Rehabilitation and Reconstruction	\$2,193,000	\$1,973,700	\$1,973,700	\$219,300	\$0	\$2,193,000
Traffic & Safety	\$856,038	\$823,480	\$823,480	\$32,558	\$0	\$856,038
FY 2026, MDOT Project Templates Total	\$3,049,038	\$2,797,180	\$2,797,180	\$251,858	\$0	\$3,049,038
Fiscal Year - 2026, Transit Project Categories						
5307	\$1,206,716	\$702,358	\$702,358	\$66,000	\$438,358	\$1,206,716
5310	\$159,060	\$79,530	\$79,530	\$79,530	\$0	\$159,060
5311	\$93,170	\$46,585	\$46,585	\$46,585	\$0	\$93,170
5339	\$79,681	\$63,745	\$63,745	\$15,936	\$0	\$79,681
FY 2026, Transit Project Categories Total	\$1,538,627	\$892,218	\$892,218	\$208,051	\$438,358	\$1,538,627
Fiscal Year - 2026 Grand Total	\$12,952,251	\$9,156,098	\$8,507,282	\$770,994	\$3,025,159	\$12,303,435

APPENDIX G: PERFORMANCE BASED PLANNING

WestPlan System Performance Report

May 2022



**WEST MICHIGAN SHORELINE
REGIONAL DEVELOPMENT COMMISSION
(WMSRDC)**

The WMSRDC is a regional council of governments representing 127 local governments in the West Michigan counties of Lake, Mason, Muskegon, Newaygo, Oceana, and northern Ottawa.

The mission of WMSRDC is to promote and foster regional development in West Michigan... through cooperation amongst local governments.



Bonnie McGlothin, Chairperson
Dale Nesbary, Vice Chairperson
Charles Lange, Secretary

Erin Kuhn, Executive Director

Project Staff:

Brian Mulnix, Program Manager
Jamie Way, GIS Specialist

316 Morris Avenue - Suite 340
Muskegon, MI 49440
Telephone: 231/722-7878

Contents

WestPlan MPO System Performance Report	1
Safety Performance Measures.....	2
Pavement and Bridge Condition Performance Measures	5
Bridge.....	5
Pavement.....	5
Muskegon County	9
Ottawa County	11
System Performance and Freight Reliability	13
Congestion Mitigation and Air Quality	14
Public Transportation.....	14
Project Selection in the FY 2023-2026 TIP	18

WestPlan MPO System Performance Report

Federal transportation legislation established a performance-based planning framework and target setting requirements for states and Metropolitan Planning Organizations (MPOs). These requirements are focused on several national goals which include the following categories, shown below in Table 1:

Table 1: Performance Measures and Targets

Performance Measure	Performance Targets
Safety Performance	<ul style="list-style-type: none"> • Number of fatalities • Rate of fatalities • Number of serious injuries • Number of non-motorized fatalities and non-motorized serious injuries
Pavement and Bridge Condition	<ul style="list-style-type: none"> • Percent NHS bridges in good and poor condition • Percent interstate pavement in good and poor condition • Percent non-interstate NHS pavement in good and poor condition • Rate of serious injuries
System Performance and Freight Reliability	<ul style="list-style-type: none"> • Percent of person-miles traveled on the interstate that are reliable • Percent of person-miles traveled on the non-interstate NHS that are reliable • Truck travel-time reliability
Congestion Mitigation and Air Quality	<ul style="list-style-type: none"> • Peak hour excessive delay per capita • Percent of non-single occupancy vehicle travel • Total emissions reduction
Public Transportation	<ul style="list-style-type: none"> • Transit Asset Management (TAM) Plans (rolling stock, equipment, facilities, infrastructure) • State of Good Repair measures are identified by individual transit providers as part of TAM Plan • Public Transportation Agency Safety Plan (Fatalities, Injuries, Safety events, System reliability)

Federal legislation requires that transportation long range plans include a system performance report and subsequent updates to evaluate the condition and performance of the transportation system with respect to the adopted performance targets. The information should include progress achieved by the MPO in comparison with system performance baseline data. This document is intended to fulfill this federal requirement, and with the recent introduction of performance reporting, there is not a lot of specific data to draw baseline numbers at this point. However, the WestPlan MPO has incorporated performance-based planning into the MPO process for many years through a variety of multimodal transportation projects that have been programmed by MPO agencies.

The WestPlan MPO System Performance Report will outline the targets and discuss how the MPO is working toward meeting the targets based on planning and projects. There are also examples of projects that have been programmed to address these targets. Information provided in this document is used to evaluate and guide decisions for future transportation investments.

The WestPlan MPO works closely with federal, state, and local member agencies, as well as the public and other stakeholders to establish targets based on the federally required areas of focus. The WestPlan MPO has elected to adopt targets set and developed by the State of Michigan for all the focus areas outlined in the legislation.

Safety Performance Measures

In March 2016, the Federal Highway Administration (FHWA) published in the Federal Register ([81 FR 13722](#)) a final rule revising [23 CFR part 924](#) and [23 U.S.C. 148](#) Highway Safety Improvement Program (HSIP) to incorporate new statutory requirements of MAP-21 and the FAST Act. The HSIP focuses on reducing fatalities and serious injuries on all public roads through targeted investment in infrastructure programs and projects to improve safety. In August of 2021, MDOT released their FY2022 Safety Performance Measure targets, shown below in **Table 2**, based on a 5-year rolling average baseline trend. On January 19, 2022, the WestPlan Policy Committee voted to exercise its option to “support the state targets” for the 5 categories of safety information. Safety targets are required to be developed by the state and responded to by the MPOs each year.

Table 2: Michigan State Safety Targets - Calendar Year 2022

Safety Performance Measure	Baseline Condition (2019)	Calendar Year 2022 State Safety Target
Fatalities	1,004.4	1,065.2
Fatality Rate	0.998	1.098
Serious Injuries	5,559.6	5,733.2
Serious Injury Rate	5.518	5.892
Non-motorized Fatalities & Serious Injuries	768.8	791.6

The FY 2023-2026 Transportation Improvement Program (TIP) includes projects which are anticipated to produce safety benefits to the transportation system which are illustrated below in **Table 3**.

Table 3: FY 2023-2026 TIP Specific Safety Related Projects

Year	Project	Description	Safety Benefit
2023	Regionwide	Install traffic signal dilemma zone systems	Improve traffic safety at high incident intersections
2023	Harvey Street at Pontaluna Road	Traffic signal backplates	Improve signal visibility
2023	Lincoln Street west of Leon Street	High friction surface treatment	Improve driving surface conditions on roadway
2023	At Pierce, Winans and 158 th Avenue	Indirect turn lanes	Provide for better traffic flow, thereby reducing the potential for crashes at the intersection
2023	US-31 and M-104	ITS devices and communication systems	Intelligent transportation systems provide real time updates to motorists on road conditions and traffic
2023	Fleming Street from Ruddiman Dr to Moulton Ave, city of North Muskegon	Curb and gutter, sidewalk ramps, remove bump out	Improve pedestrian and traffic safety
2023, 2024, 2025, 2026	M-46	Non-freeway signing upgrades	Sign upgrades to improve visibility and safety
2024, 2026	M-104 at Fruitport Road	Traffic signal modernization at intersection	Provide for better traffic flow, thereby reducing the potential for crashes at the intersection
2024	M-46	(6) locations, traffic signal modernization at intersection	Provide for better traffic flow, thereby reducing the potential for crashes at the intersection
2023, 2024, 2025, 2026	Grand Region-Regionwide	Longitudinal pavement marking application	Reduce the potential for crashes along multiple roadways with dangerous sight distances
2023, 2024, 2025, 2026	Grand Region-Regionwide	Special marking application on trunkline routes	Reduce the potential for crashes along multiple roadways
2023, 2024, 2025, 2026	Grand Region-Regionwide	Pavement marking retro reflectivity readings on trunkline routes	Reduce the potential for crashes along multiple roadways with dangerous access points and sight distances
2025	US-31 at Pontaluna & Harvey at Pontaluna	Traffic signal upgrade	Provide for better traffic flow, thereby reducing the potential for crashes at the intersection

In addition to the specific projects listed in **Table 3**, WestPlan will continue to contribute to achieving the safety targets by working with state and local partners and programming projects that will move toward meeting those targets. As a small MPO, WestPlan local agencies apply annually for consideration of funding for safety projects from a statewide pool of safety funds. Project selection at the state level is heavily weighted toward projects impacting fatality and serious injury crash locations. WestPlan supports the local agencies and assists them with the application process. Once awarded, projects are amended into the TIP. In addition, WestPlan will continue to implement the safety plan and work with state and local agencies to identify potential safety related projects and to support educational campaigns. These actions will help the MPO, and state move toward the agreed targets.

Pavement and Bridge Condition Performance Measures

Bridge

The federal performance measures require that state Departments of Transportation (DOT) establish 2-year and 4-year targets for a 4-year performance period for the condition of infrastructure assets. State DOTs established their first statewide targets on May 20, 2018. As with the pavement condition reporting, state DOTs are required to submit three performance reports to the Federal Highway Administration (FHWA) within the 4-year performance period: a baseline performance report published on October 1, 2018; a mid-performance period progress report by October 1, 2020; and a full performance period progress report by October 1, 2022. The two performance measures for assessing bridge condition are: percent of National Highway System (NHS) bridges in “good condition;” and percent of NHS bridges in “poor condition”.

The MPOs will establish targets by either supporting MDOT’s statewide target(s) or defining a target unique to the metropolitan area each time MDOT sets a target. WestPlan supports the maintaining of NHS and local bridges within its area. However, bridge funding is administered at the state level by MDOT. MDOT evaluates bridges on interstate and state trunkline routes for necessary projects and funding. A statewide Local Bridge Advisory Board allocates funds for the Michigan Local Bridge Program based on available funds and weighted ratios.

MDOT is projecting “condition improvement” for the NHS bridges in the state based on projects programmed through the MDOT and local bridge programs described above. Deterioration is estimated based on comparing network wide deterioration rates to the age and condition of each major component of each structure. The targets are highly dependent on the deck area of bridges that fall to poor, and so the smaller the inventory considered the higher potential for a single bridge to skew results. The statewide targets are assumed to be less variable than for an individual MPO.

On January 6, 2021, the Michigan Department of Transportation (MDOT) reported to Michigan’s MPO’s that it had adjusted the bridge, pavement, and reliability targets for calendar year 2022. On March 17, 2021, the WestPlan Policy Committee voted to exercise its option to “support the adjusted state targets” for the bridge, pavement and reliability performance measures.

Pavement

Federal regulations require that states measure, monitor, and set goals for pavement performance based upon a composite index of metrics. The four pavement condition metrics are: international roughness index (IRI), cracking percent, and rutting or faulting as reported by each state to the Highway Performance Monitoring System (HPMS) database. IRI and cracking percent are metrics for all road types. Rutting is only applicable to asphalt pavements and faulting is only measured for jointed concrete pavements. The rule applies to the entire National Highway System (NHS), which includes interstate and non-interstate NHS. MDOT is responsible for approximately 5,931 through-lane miles of interstate in Michigan, as of 2016.

The non-interstate portion of the system includes MDOT trunkline routes (M-routes) (about 11,959 miles in 2016) and local government owned non-trunkline roads (about 4,239 miles in 2016). Local agencies are responsible for 19 percent of the NHS route mileage in Michigan.

MDOT has established 2-year and 4-year targets for a 4-year performance period for pavement condition on the NHS in response to the federal regulations. The 4-year performance period includes January 1, 2018 to December 31, 2022. There are a total of three progress reports due within the 4-year performance period: a baseline performance report was published on October 1, 2018; a mid-performance period progress report due October 1, 2020; and a full performance period progress report due October 1, 2022. FHWA will determine if significant progress has been made from report to report. Based on the metrics described above and the rating of roads along a metric value range, there are four measures that will be used to assess pavement condition: percent of interstate road pavement in “good” condition; percent of interstate road pavement in “poor” condition; percent of non-interstate NHS pavement in “good” condition; and percent of non-interstate NHS pavement in “poor” condition.

Table 4 shows the WestPlan supported targets for pavement and bridge condition:

Table 4: State of Michigan Pavement and Bridge Condition Targets

Measure	Baseline Condition	Target
Percent of pavements on the Interstate system in “good” condition	56.8% (2017)	4-year: 9% decrease to 47.8%
Percent of pavements on the Interstate system in “poor” condition	5.2% (2017)	4-year: 4.8% increase to 10%
Percent of pavements on the Non-Interstate NHS in “good” condition	49.7% (2017)	2-year: 3% decrease to 46.7% 4-year: 6% decrease to 43.7%
Percent of pavements on the Non-Interstate NHS in “poor” condition	18.6% (2017)	2-year: 3% increase to 21.6% 4-year: 6% increase to 24.6%
Percent of NHS Bridges classified as in “good” condition	33% (2018)	4-year: 26.2% decrease to 23 % (2021 Adjustment)
Percent of NHS Bridges classified as in “poor” condition	10% (2018)	4-year: 7% increase to 8% (2021 adjustment)

WestPlan will continue to contribute to achieving the pavement and bridge condition targets through the following actions:

- Provide pavement deficiency information to local jurisdictions to utilize during the project selection process.
- Implement road projects that make the most cost-effective use of resources while focusing on maintenance to maximize the life of existing roads.
- Support the development of local asset management plans that are regularly monitored, updated, and coordinated with other infrastructure systems.
- Implement construction projects that make the most cost-effective use of resources with a focus on maintenance to maximize the life of existing roads and bridges.
-

The FY 2023-2026 TIP includes several projects which are anticipated to help the state meet the proposed targets

for pavement and bridge condition. See **Table 5** below:

Table 5: FY 2023-2026 TIP Specific Pavement and Bridge Improvement Projects

Year	Project	Description	Benefit
2023	M-46	Muskegon Ave east to Hume Street	Rehab and Reconstruction
2024	M-46	Shonat to Maple Island Road	Rehab and Reconstruction
2025	M-46	Muskegon Ave to Hume Street	Rehab and Reconstruction
2026	I-96 EB	Airline Road to Apple Drive	Rehab and Reconstruction
2023	US-31 BR	US-31 BR SB/NB Over The Black Creek	Bridge replacement
2023	Bridge Street	Bridge Street, Str #7696 over Norris Creek, Village of Fruitport	Bridge Capital Preventative Maintenance
2023	Green Street	Green Street, Str #8831 over Stearns Bayou, Ottawa County	Bridge Capital Preventative Maintenance
2023	US-31	US-31 South of Van Wagner Street	Culvert Replacement
2024	US-31 S	4 Structures along US-31 NB/SB over Colby Road & Walsh Road	Bridge Replacement and Preservation
2024	Cleveland St	Cleveland Street, Str #8849 over the Crockery Creek Tributary, Ottawa Co	Bridge Replacement
2025	M-46	M-46 over Crockery Creek	Bridge Replacement

WestPlan will also continue to monitor the pavement conditions of state and local owned roads within the MPO as well as region wide, through the annual Pavement Surface Evaluation and Rating (PASER) system. The system, under the guidance of the Michigan Transportation Asset Management Council (TAMC) and is part of Michigan's ACT 51 (P.A. 499 in 2002 and 199 in 2007) is his legislation that provides a means for road agencies to annually report the mileage and condition of the federally funded road and bridge system under their jurisdiction. In addition, the MPO also collects local data for road agencies throughout the MPO and region using the same method. **Table 6** describes the PASER rating system, and the results of the current data collection are shown on the following pages.

Table 6: PASER Rating System

Surface Rating	Visible Distress	General Condition / Treatment Measures
10 Excellent	None	New construction
9 Excellent	None	Recent overlay, like new.
8 Very Good	<ul style="list-style-type: none"> No longitudinal cracks except reflection of paving joints. Occasional transverse cracks, widely spaced (40' or greater). 	Recent sealcoat or new road mix. Little or no maintenance required.
7 Good	<ul style="list-style-type: none"> Very slight or no raveling, surface shows some traffic wear. Longitudinal cracks (open 1/4") spaced due to reflection or paving joints. Transverse cracks (open 1/4") spaced 10 feet or more apart, little or slight crack raveling. No patching or very few patches in excellent condition. 	First signs of aging. Maintain with routine crack filling.
6 Good	<ul style="list-style-type: none"> Slight raveling (loss of lines) and traffic wear. Longitudinal cracks (open 1/4" - 1/2") due to reflection and paving joints. Transverse cracking (open 1/4" - 1/2") some spaced less than 10 feet. Slight to moderate flushing or polishing. Occasional patching in good condition. 	Show signs of aging, sound structural condition. Could extend life with sealcoat.
5 Fair	<ul style="list-style-type: none"> Moderate to severe raveling (loss of lines and coarse aggregate). Longitudinal cracks (open 1/2") show some slight raveling and secondary cracks. First signs of longitudinal cracks near wheel path or edge. Transverse cracking and first signs of block cracking. Slight crack raveling (open 1/2"). Extensive to severe flushing or polishing. Some patching or edge wedging in good condition. 	Surface aging, sound structural condition. Needs sealcoat or non-structural overlay.
4 Fair	<ul style="list-style-type: none"> Severe surface raveling. Multiple longitudinal and transverse cracking with slight raveling. Block cracking (over 25 - 50% of surface). Patching in fair condition. Slight rutting or distortions (1" deep or less). 	Significant aging and first signs of need for strengthening. Would benefit from recycling or overlay.
3 Poor	<ul style="list-style-type: none"> Closely spaced longitudinal and transverse cracks often showing raveling and crack erosion. Block cracking over 50% of surface. Some alligator cracking (less than 25% of surface). Patches in fair to poor condition. Moderate rutting or distortion (1" or 2" deep). Occasional potholes. 	Need patching and major overlay or complete recycling.
2 Very Poor	<ul style="list-style-type: none"> Alligator cracking (over 25% of surface). Severe distortions (over 2" deep). Extensive patching in poor condition. Potholes. 	Severe deterioration. Needs reconstruction with extensive base repair.
1 Failed	<ul style="list-style-type: none"> Severe distress with extensive loss of surface integrity. 	Failed. Needs total reconstruction.

Muskegon County

Project overview

In 2021, region staff assessed the condition of 100% of Muskegon County's federal-aid eligible roads using the PASER road rating system, as requested by the State of Michigan Asset Management Council.

Results

Approximately 628 miles of federal-aid eligible roads were rated for this project in 2021. No Federal aid eligible unpaved roads were rated for Muskegon County. The following summarizes the distribution of ratings by mileage and percentage of the total for all roads rated in the project. The Asset Management Council has prescribed a fix for each of the PASER rating categories:

- Roads receiving a rating of 8 or higher require only Routine Maintenance
- Roads receiving a rating of 5-7 require Capital Preventative Maintenance
- Roads receiving a rating of 4 or less require Structural Improvements

2021

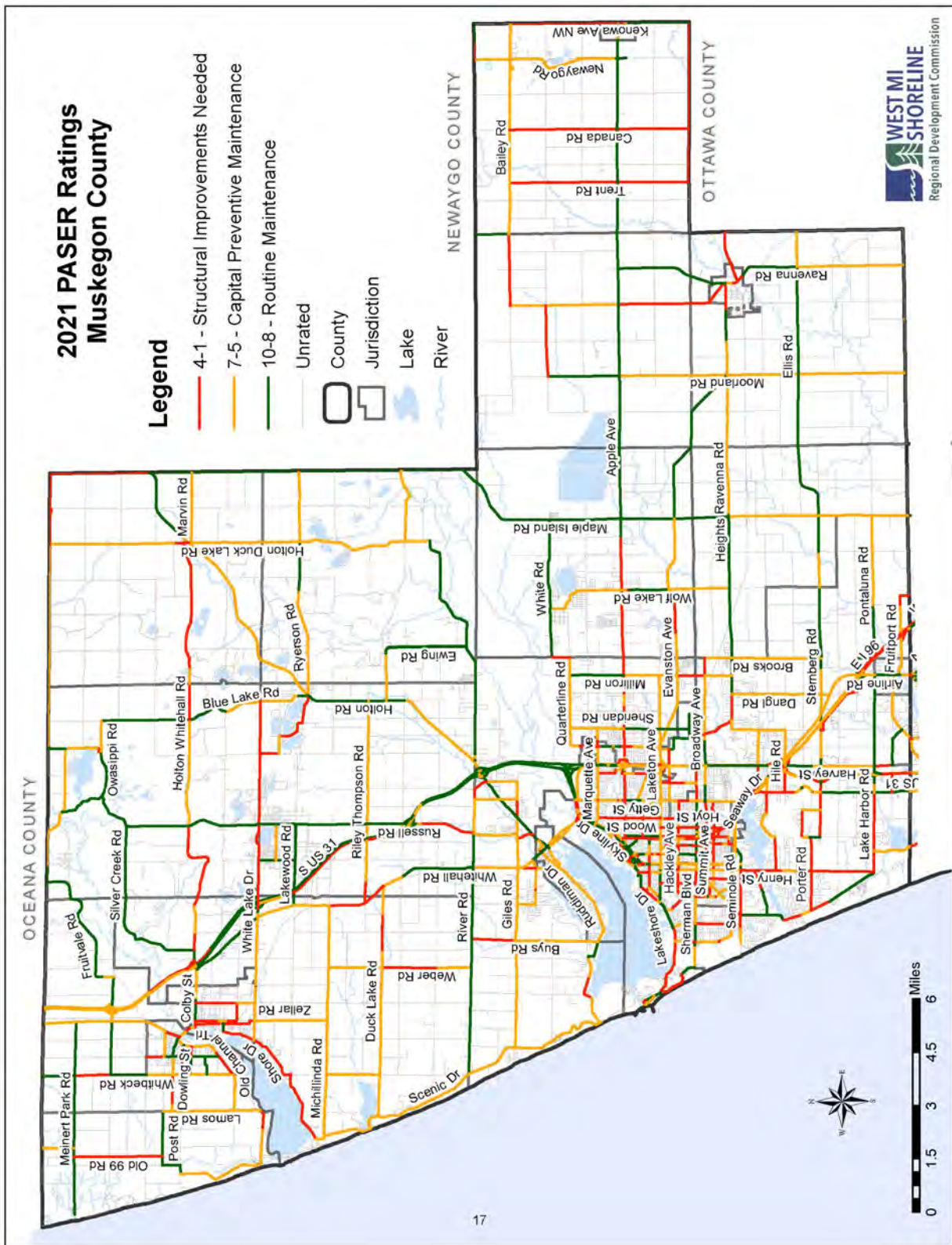
PASER Rating Prescribed Fix Miles / Percent of Total Miles Rated

8-10 Routine Maintenance 45.079 miles (7.19%)

5-7 Capital Preventative Maintenance 252.349 miles (40.22%)

1-4 Structural Improvements 329.96 miles (52.59%)

Figure 1: 2021 Muskegon County PASER Ratings



Ottawa County

Project overview

Northern Ottawa County is part of the WestPlan MPO which is administered by WMSRDC. In 2021, region staff assessed the condition of 100% of the federal-aid eligible roads in the Village of Spring Lake, the City of Ferrysburg, the City of Grand Haven, Spring Lake Township, Grand Haven Township, Robinson Township, and Crockery Township using the PASER road rating system.

Results

Approximately 190 miles of federal-aid eligible roads were rated for this project in 2021. This includes less than 1 mile of unpaved roads which do not receive a number rating. The following summarizes the distribution of ratings by mileage and percentage of the total for all roads rated in the project. The Asset Management Council has prescribed a fix for each of the PASER rating categories:

- Roads receiving a rating of 8 or higher require only Routine Maintenance
- Roads receiving a rating of 5-7 require Capital Preventative Maintenance
- Roads receiving a rating of 4 or less require Structural Improvements

2021

PASER Rating Prescribed Fix Miles / Percent of Total Miles Rated

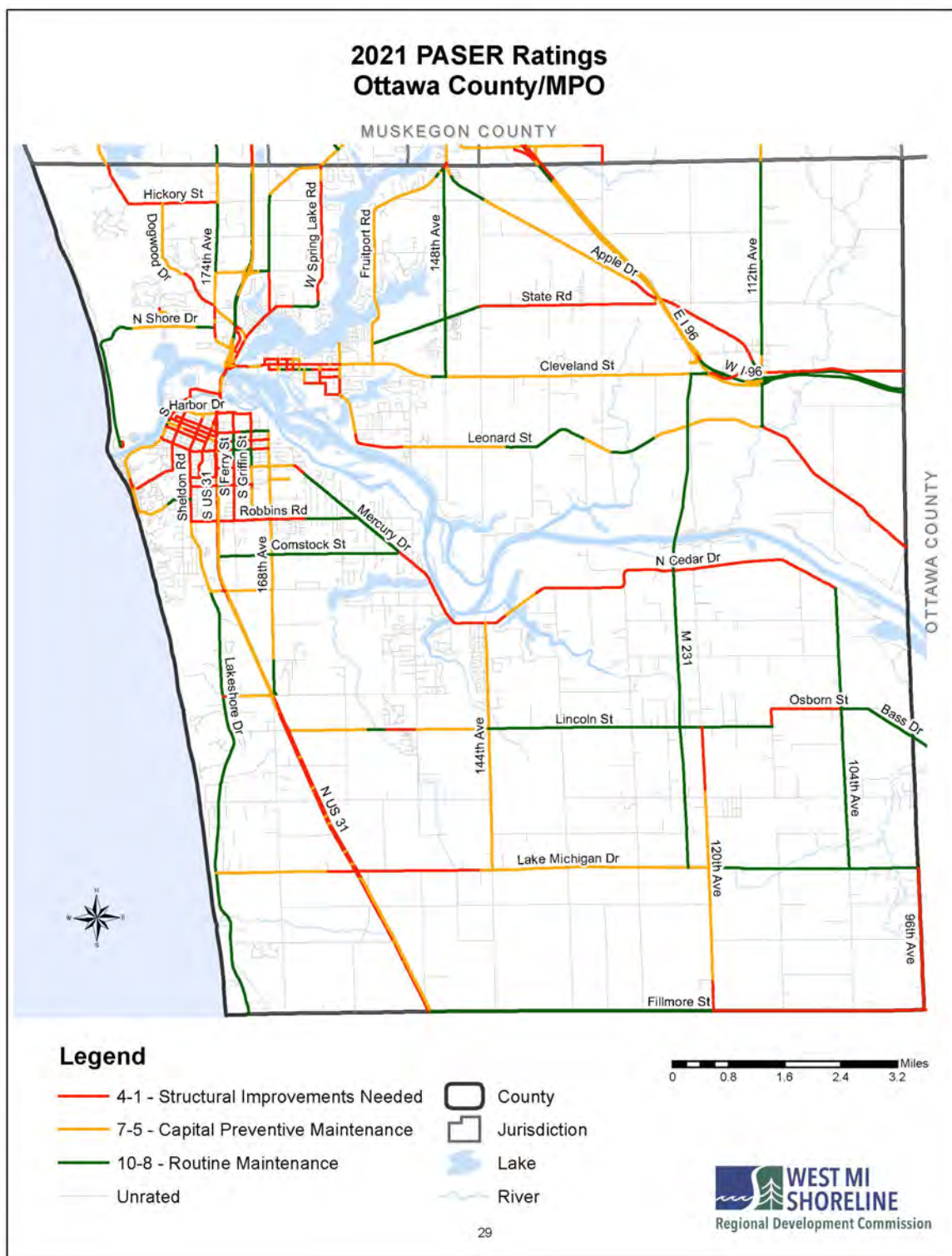
8-10 Routine Maintenance 8.725 miles (4.59%)

5-7 Capital Preventative Maintenance 74.436 miles (39.14%)

1-4 Structural Improvements 106.969 miles (56.25%)

Unpaved roads 0.026 miles (0.01%)

Figure 2: 2021 Ottawa County PASER Ratings



System Performance and Freight Reliability

On May 21, 2018, the MDOT reported to Michigan's MPO's that it had set reliability targets for calendar year 2020. On September 19, 2018, the WestPlan Policy Committee voted to exercise its option to "support the state targets" for the bridge, pavement and reliability performance measures. **Table 7** shows the supported targets for FY2020:

Table 7: State of Michigan System Performance and Freight Targets

State of Michigan System Performance and Freight Targets		
Measure	Baseline Condition	Target
Level of travel time reliability on the interstate	85.1% (2018)	2-year: 10.1% decrease to 75% 4-year: 10.1% decrease to 75%
Level of travel time reliability of Non-Interstate NHS	85.8% (2018)	4-year: 15.8% decrease to 70%
Freight reliability measures of the interstate	1.38 (2017)	2-year: 1.75 4-year: 1.75

The level of travel time reliability for both the NHS interstate and non-interstate NHS measures the percentage of person-miles traveled considered to be reliable. The roads are considered reliable when the difference between normal travel time and congested travel time is below 50 percent. Baseline data from 2017 and 2018 reveals Michigan's interstate highways and non-interstate highways have been around 85 percent reliable, meaning 85 percent of person-miles traveled are meeting the federally established thresholds. The freight reliability measure measures the same reliability; however, the longer travel time is calculated using the 95th percentile travel time.

WestPlan staff participated in coordination meetings during MDOT's statewide target development process and the WestPlan MPO Committees elected to support the state targets for this reporting period.

The FY 2023-2026 TIP includes several projects which are anticipated to help the state meet the proposed targets for System Performance and Freight. See **Table 8** on the following page.

Table 8: FY 2023-2026 TIP Specific System Performance and Freight Projects

Year	Project	Description	Benefit
2023	M-46 Muskegon Avenue to Home Street	Road Rehabilitation	Reliability
2024	M-46 Shonat to Maple Island	Road Rehabilitation	Reliability
2025	M-46 Muskegon Avenue to Home Street	Road Rehabilitation	Reliability

WestPlan will contribute to achieving these statewide targets through the following actions:

- Provide reliability deficiency information to local jurisdictions to utilize during project selection processes.
- Monitor congestion levels, prioritize congested locations, and implement treatments.
- Use data to inform projects for inclusion in the short- and long-term planning process.
- Conduct an annual analysis of congestion performance target setting and program adjustments.

These actions correspond with MDOT's actions to meet these targets:

- Monitor performance measures and consider system performance as a factor in the decision- making process for transportation investments.
- Evaluate project types and funding templates that can impact travel reliability, such as capacity.
- Operational changes, safety projects that have operational impacts, and pavement projects that change the condition from poor to good or fair.

Congestion Mitigation and Air Quality

This measure applies to urbanized areas containing NHS mileage and having a population over 200,000 (Phase 1 population over 1 million). The WestPlan area does not qualify for inclusion in this measure.

Public Transportation

There are two public transit providers in the WestPlan area: Muskegon Area Transportation System (MATS) and Harbor Transit Multi-Modal Transit System (HT). Both are direct recipients of funds from the Federal Transit Administration (FTA). As such, MATS and HT are identified as tier II recipients under the current federal legislation and have developed state of good repair targets. Federal surface transportation legislation mandated that the FTA develop a rule establishing a strategic and systematic process of operating, maintaining, and improving public capital assets effectively through their entire life

cycle. The Transit Asset Management (TAM) Final Rule 49 CFR part 625 became effective Oct. 1, 2016, and established four performance measures:

- Rolling Stock - Percentage of revenue vehicles exceeding useful life benchmark (ULB)
- Equipment - Percentage of non-revenue vehicles exceeding ULB
- Facilities - Percentage of facilities rated under 3.0 on the Transit Economic Requirements Model (TERM) scale
- Infrastructure - Percentage of track segments under performance restriction (only applies to rail fixed guideway systems – not applicable in the WestPlan region)

Table 9 shows the supported targets for the TAM:

Table 9: Transit Asset Management Targets

Asset Class	Baseline Condition	Performance Measure	Approximate Baseline Condition	Target
Rolling Stock	Large Bus	Age: Percentage that have met or exceeded their useful life benchmark	0% exceeding ULB	Not more than 15%
	Small Bus	Age: Percentage that have met or exceeded their useful life benchmark	14% exceeding ULB	Not more than 10%
	Sedan/SUV	Age: Percentage that have met or exceeded their useful life benchmark	0% exceeding ULB	Not more than 10%
Equipment	Service Vehicles	Age: Percentage that have met or exceeded their useful life benchmark	25% exceeding ULB	Not more than 20%
	Maintenance Equipment	Condition: Percentage of equipment and facilities with a condition rating adequate or below on the FTA	0% below target	Not more than 20%
	Building Subsystems	Condition: Percentage of equipment and facilities with a condition rating adequate or below on the FTA economic requirements model scale	0% below target	Not more than 10%
Facilities	All fixed facilities	Condition: Percentage of equipment and facilities with a condition rating adequate or below on the FTA economic requirements model scale	25% below target	Not more than 10%

WestPlan received agency-level State of Good Repair (SGR) targets from the MATS and the HT in 2021, which were approved and supported by the MPO Technical and Policy Committees. FTA recommends that MPOs adopt a single set of region-level targets for each asset class that are developed in coordination with the region's public transportation providers. Therefore, staff engaged the public transit providers in

a coordination process to cooperatively develop a single set of regional SGR targets after WestPlan received updated targets from the transit agencies, as well as targets from MDOT (applicable to MDOT Section 5311 and 5310 sub recipients). Through this coordination process, the following region-level targets were developed and adopted by the WestPlan Committees and are shown in **Table 10**, below.

Table 10: Transit State of Good Repair Targets for 2019

Asset Class	Current Condition MATS	Current Condition HT	2019 Target MATS	2019 Target HT
Revenue Vehicles: small bus and van	1%	5%	1%	5%
Revenue Vehicles: large bus	20%	21%	20%	21%
Service Vehicles	1%	5%	1%	5%
Facilities	1%	5%	1%	5%

MATS and HT have both submitted TAM plans and can be viewed in Appendix H and I of the WestPlan 2045 Long Range Transportation Plan. In addition, the entire transit project list for FY2023-2026 can be viewed in Chapter (2) of this document. **Table 11** on the following page shows the projects in the FY2023-2026 TIP that are expected to help the transit agencies meet their targets for the State of Good Repair.

Table 11: FY2023-2026 Transit Projects

Fiscal Year	Responsible Agency	Project Description	State of Good Repair Benefit
2023	Muskegon Area Transit System	Support Equipment	Support Equipment
2023	Muskegon Area Transit System	Mobility management	Mobility management
2023	Muskegon Area Transit System	Heavy Duty replacement bus	Large Bus
2023	Harbor Transit Multi-Model Transportation System	Bus Replacement	Large/Medium Bus
2023	Muskegon Area Transit System	Heavy duty replacement bus	Large Bus
2023	Muskegon Area Transit System	Heavy duty replacement bus	Large Bus
2023	Harbor Transit Multi-Model Transportation System	Bus replacement	Large Bus
2024	Harbor Transit Multi-Model Transportation System	New Transit Facility	New Facility
2024	Harbor Transit Multi-Model Transportation System	Replacement bus	Replacement Bus
2024	Harbor Transit Multi-Model Transportation System	Replacement bus	Replacement bus
2024	Muskegon Area Transit System	Outreach and marketing	Outreach and marketing
2025	Harbor Transit Multi-Model Transportation System	New Transit Facility	New Facility
2025	Harbor Transit Multi-Model Transportation System	Replacement bus	Replacement bus
2025	Harbor Transit Multi-Model Transportation System	Replacement bus	Replacement bus
2026	Harbor Transit Multi-Model Transportation System	Replacement bus	Replacement bus
2026	Harbor Transit Multi-Model Transportation System	Replacement bus	Replacement bus
2026	Muskegon Area Transit System	Outreach and marketing	Outreach and marketing

Project Selection in the FY 2023-2026 TIP

For the development of the FY 2023-2026 TIP, WestPlan collected detailed data for each individual project that was submitted for consideration. To gather this data, road agencies were required to submit a “project/program nomination form” for each project submitted. The form, developed by WestPlan, specifically asks for safety information (number of crashes) about each project, as well as condition data, traffic volumes, crash data, congestion issues, PASER ratings, and priority within the agency if multiple projects were submitted. In addition, the form captures information regarding other modes of transportation, i.e., non-motorized and transit.

The project selection form was utilized in compiling a listing of projects to be considered for inclusion in the FY 2023-2026 TIP and evaluated by the WestPlan TIP Subcommittee. Projects were selected within the financial constraints of the various funding programs and with consideration to supporting the goals of the 2045 WestPlan Metropolitan Transportation Plan.

Transit agencies also submitted forms and worked with MPO staff to determine potential projects that will address the public transportation performance measures and targets, including the Transit Asset Management (TAM) Plan that is currently in use.

All of these forms were utilized to prepare a list of projects for consideration by the WestPlan TIP Subcommittee. The MPO Technical Subcommittee worked together to select projects within the financial constraints for the various funding programs represented in the TIP, as well as considering each project’s support for the performance targets adopted by WestPlan.

WestPlan is committed to meeting the statewide performance measure targets for all the national goals. Project planning and allocation of federal funding to meet these measures and goals is an important part of the MPO process. As resources continue to be available, they will be allocated toward multimodal transportation projects that address these measures and targets.

Figure 4 on the following pages shows the detailed project selection form that is used as a tool for selecting projects for the TIP.

Figure 1: WestPlan Project Selection Form

WESTPLAN PROJECT SUBMISSION FORM FY 2023-2026 TIP			
PROJECT		PROJECT LIMITS	
ROAD NAME		FROM	TO
FISCAL YEAR	COUNTY	ROAD AGENCY	PROJECT RANK #
MAJOR WORK TYPE		NFC CLASS	CURRENT PASER RATING
EXISTING PAVEMENT TYPE	PROPOSED PAVEMENT TYPE	DATE OF LAST WORK COMPLETED	AGE OF PAVEMENT
PROJECT ON TRANSIT ROUTE?	ADJACENT SIDEWALKS/NON MOTORIZED FACILITIES?	ON STREET PARKING?	UTILITY WORK PLANNED?
PROJECT LENGTH	POSTED SPEED	ADT	% COMMERCIAL
ROW EXISTING FEET	ADDITIONAL IF NEEDED (Feet)	# OF EXISTING LANES	PROPOSED # LANES IF NECESSARY
BUDGET		ADDITIONAL BUDGET INFO	
STP (FEDERAL)			
LOCAL MATCH			
OTHER PARTICIPATING			
NON-LAP PARTICIPATING			
1. CE			
2. PE			
3. OTHER			
NON PARTICIPATING			
TOTAL JOB COST			

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?
OTHER INFO

APPENDIX H: PUBLIC PARTICIPATION PLAN

THE PUBLIC PARTICIPATION PLAN IN TRANSPORTATION DECISION MAKING

**WEST MICHIGAN METROPOLITAN TRANSPORTATION
PLANNING PROGRAM (WESTPLAN)**

ADOPTED: NOVEMBER 17, 2021

**WEST MICHIGAN METROPOLITAN TRANSPORTATION PLANNING PROGRAM
C/O WEST MICHIGAN SHORELINE REGIONAL DEVELOPMENT COMMISSION
316 MORRIS AVENUE, SUITE 340
MUSKEGON, MI 49440
PHONE: (231) 722-7878**

EMAIL: AHAACK@WMSRDC.ORG

WWW.WMSRDC.ORG

PREPARED BY:



THE PUBLIC PARTICIPATION PLAN IN TRANSPORTATION DECISION MAKING FOR THE WEST MICHIGAN METROPOLITAN PLANNING PROGRAM

TABLE OF CONTENTS

1.	INTRODUCTION.....	1
2.	REQUIREMENTS.....	1
3.	THE PUBLIC.....	3
4.	MEETINGS.....	4
5.	CONSULTATION.....	4
6.	ENVIRONMENTAL JUSTICE.....	5
7.	TITLE IV.....	5
8.	SIGNIFICANT PLANNING INITIATIVES & OPPORTUNITIES FOR PUBLIC INPUT...5	
	UNIFIED PLANNING WORK PROGRAM (UWP).....	6
	LONG RANGE TRANSPORTATION PLAN (LRP).....	7
	TRANSPORTATION IMPROVEMENT PROGRAM (TIP).....	10
	PUBLIC PARTICIPATION PLAN (PPP).....	13
9.	PUBLIC NOTIFICATION	14
10.	OUTREACH STRATEGIES.....	14
11.	MAKING PUBLIC COMMENTS.....	15
12.	TREATMENT OF PUBLIC COMMENTS	16
13.	MEASURES OF EFFECTIVENESS	16
14.	REVISIONS TO THE PARTICIPATION PLAN	18

APPENDICES

APPENDIX A: ACRONYMS AND DEFINITIONS	19
APPENDIX B: FAST ACT PARTICIPATION PLAN REGULATIONS	21
APPENDIX C: MAPS OF TIP PROJECTS & ENVIRONMENTAL JUSTICE.....	22
APPENDIX D: WMSRDC EQUITY STATEMENT.....	24
APPENDIX E: TRANSPORTATION PROGRAM OVERVIEW.....	25
APPENDIX F: COMMENTS ON PARTICIPATION PLAN.....	29

PUBLIC PARTICIPATION PLAN

Public Participation Process for Transportation Decision Making at the WestPlan

1. INTRODUCTION

In 1973, the West Michigan Shoreline Regional Development Commission (WMSRDC) organized the Muskegon Area Transportation Planning Program as the Metropolitan Transportation Planning Organization (MPO). This was a result of the U.S. Census Bureau designating the Muskegon-Muskegon Heights Urbanized Area after the 1970 decennial census. The MPO designation is for urban areas with a population greater than 50,000. In 2003 a significant change took place and the U.S. Census Bureau expanded the Muskegon Urbanized Area to include northern Ottawa County. As a result of this, WMSRDC, working with the Michigan Department of Transportation (MDOT), realigned the boundary of the MPO to include the urbanized part of northern Ottawa County and organized the West Michigan Metropolitan Transportation Planning Program (WestPlan).



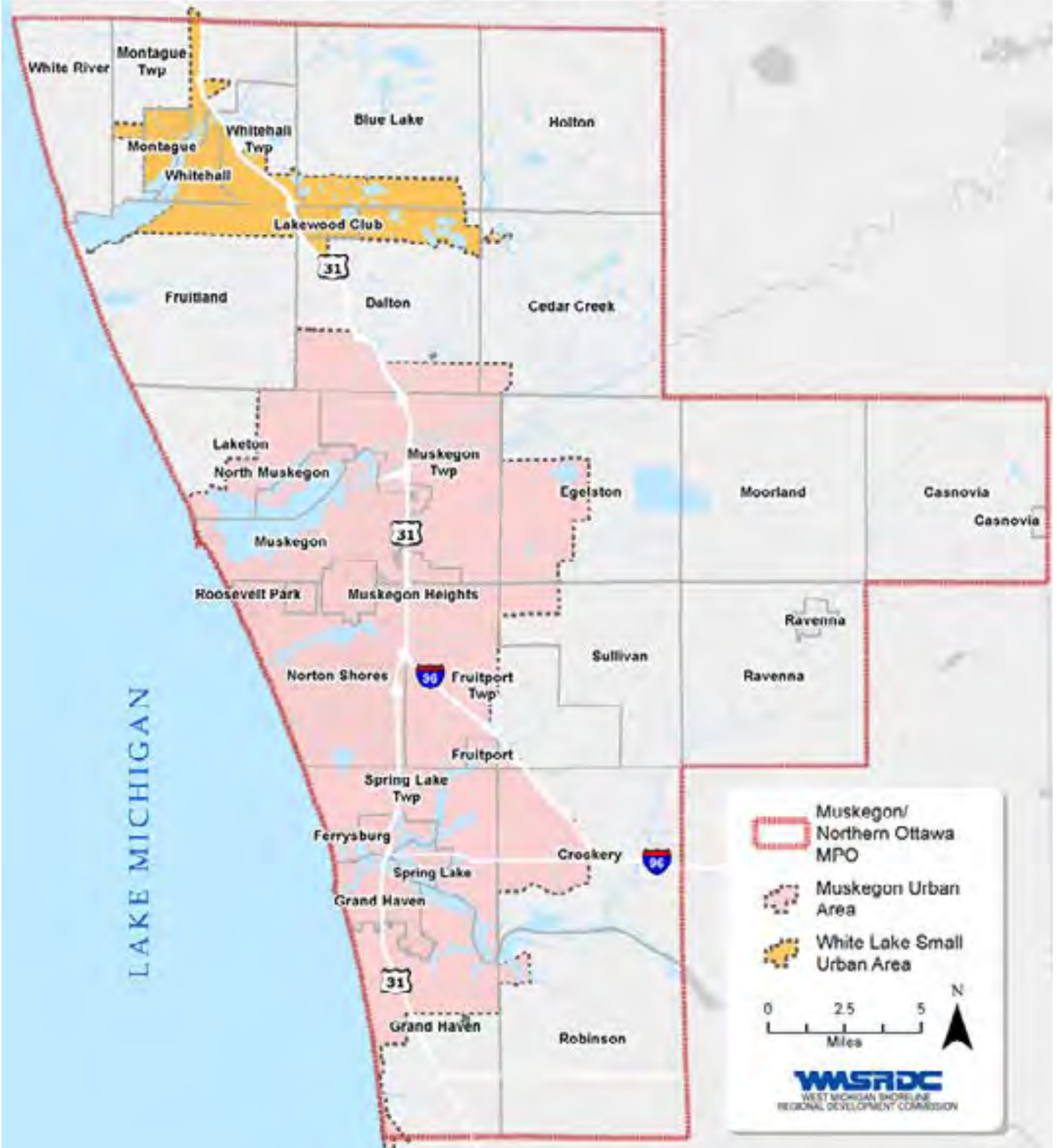
The current WestPlan MPO consists of the entire county of Muskegon and the City of Grand Haven, City of Ferrysburg, Village of Spring Lake, the townships of Crockery, Grand Haven, Spring Lake, and Robinson and a small portion of Port Sheldon Township in Ottawa County. WestPlan addresses transportation and transportation related issues in this geographical area. See map on following page. The urbanized area population of the WestPlan MPO as of the 2010 U.S. Census is 161,280. WMSRDC continues to staff the MPO since it was first formed in 1973.

2. REQUIREMENTS

The current federal transportation act titled, Fixing America's Surface Transportation (FAST) Act, continues the emphasis placed by MAP-21 on extensive stakeholder participation. Highlights of the FAST Act requirements for public participation are below. The full text relating to the public participation process within the FAST Act is in the appendix of this document.

- Providing adequate public notice of public participation activities and time for public review and comment at key decision points;
- Employing visualization techniques;
- Making information accessible in various formats and means, such as the internet;
- Holding public meetings at convenient and accessible locations and times;
- Seeking out and considering needs of traditionally under served populations;
- Coordinating with statewide transportation planning public participation and consultation processes; and
- Periodically reviewing the effectiveness of the procedures and strategies in the Participation Plan.

Muskegon & Northern Ottawa Metropolitan Planning Organization Boundaries



3. THE PUBLIC

The FAST Act requires that “The MPO shall develop and use a documented participation plan that defines a process for providing citizens, affected public agencies, representatives of public transportation employees, freight shippers, providers of freight transportation services, private providers of transportation, representatives of users of public transportation, representatives of users of pedestrian walkways and bicycle transportation facilities, representatives of the disabled, and other interested parties with reasonable opportunities to be involved in the metropolitan transportation planning process.”

Input from any individual, group, organization, agency, business, municipality, or service provider is encouraged. Activities encouraging the open dialogue with these groups include maintaining and updating a contact list of interested parties as well as receiving comments by mail, telephone, or e-mail and during committee meetings.

Participation is encouraged of persons who have been traditionally under served, as well as meeting the requirements of Executive Order 12898 related to Environmental Justice and the Americans with Disabilities Act of 1990. Groups will be worked with to offer assistance to individuals with disabilities and/or language barriers to read and/or comment on this and other documents. This assistance could be done on a same day basis or within a two day time-frame depending on the specific needs and desire.

Through written communication, e-mail, newsletters, or phone, it will endeavor to notify some or all of the groups listed below when a particular agenda item directly impacts an organization or the clientele they represent, a significant planning initiative begins, or at the request of any committee member.

Stakeholder organizations representing the interests of:

- The elderly
- The disabled
- Non-motorized transportation users
- Minority populations
- Low income populations

Types of organizations located in the area:

- Conventional and unconventional transit providers
- Representatives of public transportation employees
- Affected public agencies
- Private providers of transportation
- Law enforcement agencies and fire departments
- Freight shippers and providers of freight transportation services
- Railroad companies
- Airport operators
- Port advisors
- Environmental organizations
- Major employers
- Chambers of commerce
- Economic development
- Human service agencies
- Local Tribes
- Schools



These organization types are on the notification list. They receive meeting agendas and minutes and are encouraged to participate and provide input.

The transportation needs and opinions of those with disabilities will be sought out. The planning process will be made accessible to such persons as per the regulation provided by the Americans with Disabilities Act of 1990. Public meetings will be held virtually or in facilities that are on transit routes and that are accessible to persons with disabilities.



4. MEETINGS

All regularly scheduled meetings of the policy and technical committees are open to the public and are held at sites which comply with the Americans with Disabilities Act (ADA) regulations. Virtual meeting options may also be available. Time is allotted at these committee meetings for any person wishing to address committee members. The annual schedule of regular policy committee and technical committee meetings showing dates, times, and locations are included on the WMSRDC website at wmsrdc.org. The schedule of meetings will also be posted in the WMSRDC office and distributed to each member unit of government for posting.

Monthly meeting notifications, including agendas, location, and virtual meeting login information if virtual option is available are sent to the cities, townships, villages, road commissions, and transit agencies within the area for public posting. The WMSRDC website (wmsrdc.org) also shows meeting notifications, locations, and agendas. These can be found in several different places on the WMSRDC website such as the homepage at <https://wmsrdc.org/>, on the events calendar at <https://wmsrdc.org/events/>, on the Transportation Program page at <https://wmsrdc.org/program/transportation/>, or on the Resources Page at <https://wmsrdc.org/resources/>. Interested citizens may have their name added to the contact list by contacting WMSRDC. WestPlan Policy and Technical Committee meetings comply with the Michigan Open Meetings Act, Public Act No. 267 of 1976. Special meetings, such as public information meetings and public hearings, will be held at convenient and accessible locations and times where it is feasible for the most to attend. Virtual meeting options may also be available.

5. CONSULTATION

Specific requirements are followed that outline what types of agencies or stakeholders need to be consulted during the transportation planning process and the type of information that needs to be shared with these interested parties. The overarching goal of this process is to eliminate or minimize conflicts with other agencies' plans, programs, or policies as they relate to the Transportation Improvement Program (TIP) planning process. When agencies such as land use management agencies are consulted during the development of the TIP, groups like these can compare the TIP project list and map with other natural or historic resource inventories. WMSRDC is also able to compare the draft TIP to any documents received and make adjustments as necessary to achieve greater compatibility. The consultation process is based on recommendations from the Federal Highway Administration and the MDOT. More information about the consultation process can be found in the current TIP document available on the WMSRDC website at <https://wmsrdc.org/publications/> or by contacting WMSRDC.

6. ENVIRONMENTAL JUSTICE

Projects in the TIP are ensured to meet the principles of Executive Order 12898 relating to environmental justice (EJ). Specifically, the TIP identifies and, if necessary, addresses any disproportionately high and adverse human health or environmental effects of its programs and policies on minority populations and low-income populations.

The process taken to analyze the principles of Executive Order 12898 includes mapping the areas of impoverished and minority population concentrations. These concentrations are overlaid with the current TIP projects and subjected to a visual analysis of potential impacts. Analysis of potential impacts center on three potential major areas of concern: 1: Disproportionally high adverse impact to impoverished and minority areas; 2: Minimizing/blocking access of low income areas and minority areas to the transportation system; 3: Neglect of the transportation system in low-income areas and minority areas. This participation plan works in concert with the EJ analysis to reach out to traditionally disadvantaged populations to ascertain the potential effects and or impacts of proposed projects. More information about the EJ process and projects in EJ areas can be found in the FY2020-2023 TIP document available on the WMSRDC website at <https://wmsrdc.org/publications/> or by contacting WMSRDC. EJ map overlays with the current TIP projects are located in the appendix of this document.

7. TITLE VI

Title VI prohibits discrimination on the basis of race, color, or national origin in any program or activity that receives federal funds or other federal financial assistance. All people of the state of Michigan are served, including minority populations, low-income populations, the elderly, persons with disabilities, and those who traverse the MPO. The responsibility is recognized to provide fairness and equity in all programs, services, and activities, and federal and state civil rights legislation must be enforced. This participation plan works in concert with the Title VI Plan to reach out to traditionally disadvantaged populations to ascertain the potential effects and or impacts of proposed projects. The Title VI Plan can be found on the WMSRDC website at <https://wmsrdc.org/publications/> or by contacting WMSRDC. The WMSRDC Equity Statement is in the appendix of this document.

Significant planning initiatives include, but are not limited to, updating the Long Range Transportation Plan and Transportation Improvement Program, the Unified Work Program, corridor studies, port studies, transit studies, non-motorized studies, and other activities. When describing a significant planning initiative to the public appropriate visualization techniques will be incorporated. Please see the Transportation Overview located in the appendix of this document.

Significant planning initiatives are listed in this document. The charts detail the milestones for each initiative and show a timetable for the best opportunities for public input in the planning process.

8. SIGNIFICANT PLANNING INITIATIVES & OPPORTUNITIES FOR PUBLIC INPUT

Significant planning initiatives include, but are not limited to, updating the Unified Work Program (UWP), Long Range Transportation Plan (LRP), and Transportation Improvement Program (TIP), corridor studies, port studies, transit studies, non-motorized studies, and other activities such as this Plan which is the Public Participation Plan in Transportation Decision Making (PPP). When describing a significant planning initiative to the public, appropriate visualization techniques will be incorporated. The following charts detail the milestones for the UWP, LRP, TIP, and PPP and show a timetable for the best opportunities for public input in the planning process. Also, please see the Transportation Overview located in the appendix of this document for descriptions of initiatives.

UNIFIED WORK PROGRAM (UWP)

The purpose of the Unified Work Program (UWP) for the MPO outlines the transportation planning program of the West Michigan Metropolitan Transportation Planning Program (WestPlan). The UWP identifies how the available planning funds (federal and state) will be used to address the federal and state transportation planning requirements while concurrently addressing local transportation policies, programs, issues, and priorities. **The UWP is updated annually during the months of April and June.**

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
Adoption of the draft document	<p>Once the draft UWP document is complete, staff will bring it to the Policy Committee for approval. A public comment opportunity will be available at the committee meeting. The public will be notified of the public comment opportunities in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Email to interested citizen/agency list • Press release • Notice on social media (Facebook, etc.) 	Six (6) days prior to Policy Committee meeting.	A minimum of six (6) days, prior to the date of the Policy Committee meeting.
UWP Amendments. It is occasionally necessary to amend the UWP because of changes to the work program.	<p>Staff will bring UWP amendments to the Policy Committee for approval. A public comment opportunity will be available at the committee meeting. The public will be notified of this public comment opportunity in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Notice on social media (Facebook, etc.) • Email sent to interested citizen/agency list • Press Release 	Six (6) days prior to Policy Committee meeting.	A minimum of six (6) days, prior to the date of the Policy Committee meeting.

LONG RANGE TRANSPORTATION PLAN (LRP)

The purpose of the Long Range Transportation Plan (LRP) is to ensure that transportation investments in the MPO area enhance the movement of people and freight efficiently, effectively, and safely. **The LRP is updated every four (4) years. The next update is due in May 2024. The next update will begin in the fall of 2022. The update process is an approximate two year process.**

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
Kickoff to LRP Development	<p>Once the LRP development process begins, Staff will notify the public in the following ways:</p> <ul style="list-style-type: none"> • Notice and LRP information on website • Email to interested citizen/agency list • Press release • Notice on social media (Facebook, etc.) 	N/A	N/A; Public involvement will be continuous throughout the LRP development process. Updates will be posted regularly on the website and given at committee meetings.
Pre-Programming	<p>Staff will invite the public to review and comment on goals and objectives. The public will be notified of the opportunity in the following ways:</p> <ul style="list-style-type: none"> • Notice and LRP information on website • Email to interested citizen/agency list • Press release • Notice on social media (Facebook, etc.) <p><i>The following tools and techniques may be used on an optional basis: flyer, brochure or informational card printed and distributed, visual aids, radio PSA.</i></p>	Up to seven (7) days prior to the start of the public comment period	Fourteen (14) days

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
Draft LRP, environmental justice, and air quality results (if applicable) completed and available for public comment	<p>Once the draft LRP document, environmental justice, and air quality analysis are complete, staff will bring the document to the public for comment. An open house will also be held to discuss these items. The public will be notified of the open house and the comment period in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Email sent to interested citizen/ agency list • Press release of the public comment period and the open house • Notice on social media (Facebook, etc.) • Copies of the draft LRP distributed to jurisdictions within the MPO area. <p><i>The following tools and techniques may be used on an optional basis: Flyer, brochure, or informational card printed and distributed; Visual aids; Radio PSA. At this point, staff will contact state regulatory agencies (i.e., MDNR and EGLE) to consult with them on the draft project list and potential impacts on environmentally sensitive areas.</i></p>	Seven (7) days prior to the public meeting and before the first day of the public comment period	Fourteen (14) days
Adoption of the draft document	<p>Once the draft LRP document is complete, staff will bring it to the Technical and Policy Committees for approval. Public comment opportunities will be available at both committee meetings. The public will be notified of this public comment opportunity in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Notice on social media (Facebook, etc.) • Respond to public comments 	Six (6) days prior to Technical Committee meeting	A minimum of seven (7) days, beginning on the date of the Technical Committee meeting and ending at the Policy Committee meeting. The comment period length will vary depending on the amount of time between the meetings.

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
*LRP Amendments. It is occasionally necessary to amend the LRP because of changes to projects listed within the document.	<p>Staff will bring LRP amendments to the Technical and Policy Committees for approval. Public comment opportunities will be available at both committee meetings. The public will be notified of this public comment opportunity in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Notice on social media (Facebook, etc.) • Email sent to interested citizen/ agency list • Press Release 	Six (6) days prior to Technical Committee meeting	A minimum of seven (7) days, beginning on the date of the Technical Committee meeting and ending at the Policy Committee meeting. The comment period length will vary depending on the amount of time between the meetings.

*Long Range Transportation Plan Amendments include:

- Add/delete regionally significant project
- Major scope/design change for regionally significant project(s)
- Move regionally significant illustrative list project into the LRP (new project)
- Change in air quality conformity model year grouping for regionally significant project



TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

The Transportation Improvement Program (TIP) is the list of road, transit, and non-motorized projects of which communities and agencies plan to implement over a four-year period within the MPO area. **The TIP is updated every 3-4 years. The next update is due in June 2022. The next update will begin in the fall of 2021.**

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
Kickoff to TIP Development	<p>Before the TIP development process begins, staff will notify the public in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Email to interested citizen/agency list and consultation agencies • Notice on social media (Facebook, etc.) 	Beginning of TIP Development Process	N/A; notification only
<p>Draft project lists, environmental justice, and air quality results (if applicable) completed and available for public comment.</p> <p>The environmental consultation phase will begin at this point also.</p>	<p>Once draft project lists have been developed, environmental justice has been completed, and an air quality analysis has been performed, staff will bring these items to the public for comment and to consultation agencies for consultation.</p> <p>Staff will contact state regulatory agencies (i.e., MDNR and EGLE) to consult with them on the draft project list and potential impacts on environmentally sensitive areas.</p> <p>An open house will also be held. The public and consultation agencies will be notified of the open house and the comment period in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Email to interested citizen/agency list and consultation agencies • Notice on social media (Facebook, etc.) • A public notice regarding the public comment period and open house will distributed to all jurisdictions within the MPO area 	Seven (7) days prior to the public meeting and before the 1st day of the public comment period	Fourteen (14) days

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
Draft TIP document completed and available for public comment	<p>Once the draft TIP document is complete, staff will bring the document to the public for comment. An open house will also be held to discuss these items. The public will be notified of the open house and the comment period in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Email to interested citizen/agency list • Press release of the public comment period and the open house • Notice on social media (Facebook, etc.) • Copies of the draft LRP distributed to jurisdictions within the MPO area. <p><i>The following tools and techniques may be used on an optional basis: flyer, brochure, or informational card printed and distributed; visual aids; radio PSA.</i></p>	Seven (7) days prior to the public meeting and before the first day of the public comment period	Fourteen (14) days
Adoption of the draft document	<p>Once the draft TIP document is complete, staff will bring it to the Technical and Policy Committees for approval. Public comment opportunities will be available at both committee meetings. The public will be notified of this public comment opportunity in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Notice on social media (Facebook, etc.) • Respond to public comments 	Six (6) days prior to Technical Committee meeting	A minimum of seven (7) days, beginning on the date of the Technical Committee meeting and ending at the Policy Committee meeting. The comment period length will vary depending on the amount of time between the meetings.

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
*TIP Amendments. It is occasionally necessary to amend the TIP because of changes to projects listed within the document.	<p>Staff will bring TIP amendments to the Technical and Policy Committees for approval. Public comment opportunities will be available at both committee meetings. The public will be notified of this public comment opportunity in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Notice on social media (Facebook, etc.) • Email sent to interested citizen/ agency list • Press Release 	Six (6) days prior to Technical Committee meeting	A minimum of seven (7) days, beginning on the date of the Technical Committee meeting and ending at the Policy Committee meeting. The comment period length will vary depending on the amount of time between the meetings.

Transportation Improvement Program amendments and administrative modification policy can be found on the WMSRDC website at <https://wmsrdc.org/publications/> or by contacting WMSRDC.

PUBLIC PARTICIPATION PLAN (PPP)

The Public Participation Plan describes the ways in which WMSRDC will engage the public in the transportation planning process. **The Public Participation Plan is updated every two (2) years. The next update is due in the summer of 2023. The next update will begin in the spring of 2023.**

Milestone	Procedure	Public Notification Date	Length of Public Comment (Minimum)
Draft Public Participation Plan developed and presented to the Policy Committee	<p>After the draft Public Participation Plan has been developed and presented to the Policy Committee staff will bring it to the public for comment. Staff will notify the public of this opportunity in the following ways:</p> <ul style="list-style-type: none"> • Notice on website • Direct mailing sent to interested citizen/agency list • Notice on social media (Facebook, etc.) 	At least one (1) day before the public comment period begins	45 days; the public comment period will begin after the draft document is presented to the Policy Committee and will end at least one week before the final document is approved by the Policy Committee (approximately two months after the comment period begins)
Public Participation Plan approval	<p>After all comments have been considered and the 45 days public comment period has concluded, the document will be brought to the Policy Committee for approval. The public will have an additional opportunity to comment on the document at the Policy meeting, and will be notified of this meeting in the following ways:</p> <ul style="list-style-type: none"> • Notice on website 	Six (6) days before the scheduled Policy Committee meeting	N/A

Various avenues will be considered when seeking public participation in these initiatives including, but not limited to, public informational meetings, surveys, mailings, and notices. In an effort to reach populations traditionally under served (minorities, low income, senior citizens, disabled, etc.), emphasis will be made to inform such populations. Consideration of non-English language notices and public service announcements will also be made in accordance with the WMSRDC Title VI Plan which can be found at <https://wmsrdc.org/publications/> or by contacting WMSRDC. It is also understood that the MPO's public involvement process, stated above, also satisfies the need for public involvement in the programming of federal dollars for public transportation.

6. PUBLIC NOTIFICATION

It is recognized that, in order for the public to participate in transportation decision making, it must understand the transportation system's problems, processes, and potential solutions. Information must be provided in a timely manner, be easily understandable, and be reasonably accessible.

All agency's library and map files are available to the public. Planning documents, meeting minutes, and maps are available for review during normal business hours as well as on the WMSRDC website at <https://wmsrdc.org/publications/>. Local public libraries have computers available for public use so access to the web will not necessitate personal ownership of a computer. Meeting schedules and minutes, planning studies, the Long Range Transportation Plan and Transportation Improvement Program, newsletters, and other applicable documents will be posted on the WMSRDC website at <https://wmsrdc.org/resources/>.

Local public libraries also receive copies of many documents published by WMSRDC. In addition, WMSRDC staff participates in public forums and conducts presentations upon request.

7. OUTREACH STRATEGIES

New ways are continually being looked at to involve the public in the transportation planning process. A proactive stance will continue to be taken in the approach to engage the public and expand efforts to keep the public up to date on activities.

There are two primary audiences of this information: the public (as described previously) and the media. The residents of Muskegon County and the northern portion of Ottawa County, as well as others who use the transportation system within the area represent one audience. The various media outlets are the other target audience for outreach. As new media formats and technologies demonstrate their ability to engage different segments of the audience, it is important to consider their use as a public involvement tool. The following outreach goals were established to better inform the public and local media:

- **Establish a dialogue with members of the local media**
 - Create and regularly update a list of local media contacts for print and electronic news.
 - Proactively share information instead of reacting to incorrect or incomplete information.
- **Raise awareness about transportation planning efforts and the agency**
 - Raise awareness of responsibilities and functions.
 - Highlight successful agency projects and its members.
 - Regularly update the online tools to increase traffic.
 - Encourage attendance at public involvement meetings.
- **Create an appropriate suite of media and public communication tactics to allow for faster dissemination of information.**
 - Create and maintain agency accounts using various social media outlets.
 - Establish policies and procedures for social media updates.

Formats for outreach include, but not limited to:

- **Electronic Media:**

- Website (<https://wmsrdc.org/>)
- Bi-monthly newsletter posted on website and mailed to agency wide newsletter mailing list
- Information releases to news media outlets in surrounding area

- **Print Media:**

- Public hearing notices
- Newsletters to be distributed to jurisdictions, libraries, and other agencies/organizations
- Direct mailings/flyers to impacted organizations and populations
- Comment forms at public meetings/hearings
- Access to planning documents at local cities, villages, and townships as well as local libraries

- **Meetings:**

- Conduct open houses at key points in document development
- Public meetings prior to document adoptions
- Technical committee meetings and policy committee meetings

8. MAKING PUBLIC COMMENTS

The public is encouraged to use the following methods for reviewing and commenting on significant documents being developed:

Where to find transportation planning documents to review:

- West Michigan Shoreline Regional Development Commission (WMSRDC) Website (<https://wmsrdc.org/>)
- Visit the WMSRDC offices
- Public libraries in Muskegon and northern Ottawa counties
- Attend public meeting, open house, or other scheduled activity. Notices are published on WMSRDC website.
- Attend committee meeting or hearing (Technical Committee and Policy Committee meeting schedules are available at <https://wmsrdc.org/events/> and <https://wmsrdc.org/program/transportation/>.)

To Request a Printed Copy of the Documents

- Call (231) 722-7878
- Email to ahaack@wmsrdc.org
- Internet address: <https://wmsrdc.org/>

To Request to be Added to the Email Distribution List

- Call (231) 722-7878
- Email to ahaack@wmsrdc.org
- Write to: West Michigan Shoreline Regional Development Commission
316 Morris Avenue, Suite 340
Muskegon, MI 49440

Comments May Be Submitted By:

- Email to WMSRDC at ahaack@wmsrdc.org
- Online at WMSRDC at <https://wmsrdc.org/>
- WMSRDC's Facebook page
- At public meetings and hearings
- At Technical and Policy Committee meetings and hearings
- Phone at (231) 722-7878
- Mail letters to WMSRDC

9. TREATMENT OF PUBLIC COMMENTS

When public comments are received on plans, studies, or other activities, they will be summarized and forwarded to the Policy Committee prior to any formal action to adopt or approve an activity, plan, or study. A copy of all comments will be filed and made available for public review. The comments, or a summary of the comments on a particular document, will be included in the document along with a discussion of how the comments were addressed prior to the adoption of the plans, major studies, and programs.

10. MEASURES OF EFFECTIVENESS

This plan as well as any social media product accounts should be reviewed periodically for their effectiveness. Some technologies can take months and even longer to be successful. Several available analytical metrics to evaluate the effectiveness of each technology should be used. As new technologies and formats emerge and gain traction, they should be considered.

Such measures can include, but are not limited to; tracking website hits, social media interest, and comments received through those means or verbally, written, etc.

Public Participation Tools	Evaluation Criteria	Suggested Performance Goal(s)	Method to Meet Goals
WMSRDC Website	Number of hits to website	Minimum of ten (10) hits per month with 5% increase in totals hits per year	Provide all agency documents on the WMSRDC website (www.wmsrdc.org); publish agency website information on all agency documents
Press Releases	Calls, emails, letter correspondence, etc.	Submittal of press release at key points in document development using email list of media outlets in Muskegon and northern Ottawa counties	Involvement of media in meetings of Technical Committee and Policy Committees, as well as during the development of agency documents
Social Media	Calls, emails, letter correspondence, etc; Number of "followers"	Annual increase in "followers" of ten (10)	Provide information announcements, access to surveys, meeting information, important action items; maintain and monitor activity daily
Public Meetings /Hearings / Open Houses	Attendance at meetings / hearings; calls, emails, letter correspondence, etc.	One (1)% of affected population in attendance	Schedule meetings at convenient times and locations; use other public participation tools to increase awareness of meeting/hearing; Outreach to affected population (neighborhood associations, community groups, etc.)
Email Announcements	Calls, emails, letter correspondence, etc.; Number of emails sent	Minimum of five (5) percent of meeting attendees / survey respondents indicated that they saw the email announcement	Increase email list by advertising availability of email announcements using other public participation tools; Email address on all agency documents
Visualization Techniques (Print and Electronic Formats)	Usefulness to explanation of document development	Comment on visualization during public comment period; hits on specific page within WMSRDC website	Publish visual aid in draft document and for use during public meetings; publish visual aid on WMSRDC website

11. REVISIONS TO THE PUBLIC PARTICIPATION PLAN

The public is invited to comment on this plan prior to final adoption by the Policy Committee. A review of this Participation Plan will periodically (at a minimum every two years) be undertaken. Major revisions will necessitate undertaking various measures as described earlier in this document.

Comments or questions concerning this Plan should be directed to:

West Michigan Shoreline Regional Development Commission
316 Morris Avenue, Suite 340
Muskegon, MI 49440
(231) 722-7878
Email: ahaack@wmsrdc.org

Appendix A

Acronyms and Definitions

ADA: Americans with Disabilities Act

The legislation defining the responsibilities of and requirements for transportation providers to make transportation accessible to individuals with disabilities.

EJ: Environmental Justice

Environmental justice assures that services and benefits allow for meaningful participation and are fairly distributed to avoid discrimination.

Fixing America's Surface Transportation (FAST) Act

On December 4, 2015, President Obama signed the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) into law—the first federal law in over a decade to provide long-term funding certainty for surface transportation infrastructure planning and investment. The FAST Act authorized \$305 billion over fiscal years 2016 through 2020 for highway, highway and motor vehicle safety, public transportation, motor carrier safety, hazardous materials safety, rail, and research, technology, and statistics programs. The FAST Act maintained the focus on safety, keeps intact the established structure of the various highway-related programs we manage, continues efforts to streamline project delivery and, for the first time, provides a dedicated source of federal dollars for freight projects. With the enactment of the FAST Act, states and local governments are can continue to move forward with critical transportation projects with the confidence that they will have a federal partner over the long term.

FHWA: Federal Highway Administration

A branch of the US Department of Transportation that administers the federal-aid Highway Program, providing financial assistance to states to construct and improve highways, urban and rural roads, and bridges.

FTA: Federal Transit Administration

A branch of the US Department of Transportation that is the principal source of federal financial assistance to America's communities for planning, development, and improvement of public or mass transportation systems.

GIS: Geographic Information System

Computerized data management system designed to capture, store, retrieve, analyze, and display geographically referenced information.

GPA: General Program Accounts

Federal regulation 23 CFR 450.324 (f) states projects that are not considered to be of appropriate scale for individual identification in a given program year may be grouped by function, work type, and/or geographic area using the applicable classifications under 23 CFR 771.117(c) and (d) and/or 40 CFR part 93. In nonattainment and maintenance areas, project classifications must be consistent with the "exempt project" classifications contained in the EPA transportation conformity regulation (40 CFR part 93). In addition, projects proposed for funding under title 23 U.S.C. Chapter 2 that are not regionally significant may be grouped in one line item or identified individually in the Transportation Improvement Program (TIP). In Michigan, these groupings of projects are called General Program Accounts (GPA). A project is defined as all the job numbers and phases for proposed work that are included

in the associated environmental documents. Projects that have similar work type activities can be grouped together in a GPA based on that work type activity and included in the state's metropolitan area TIPs and/or the State Transportation Improvement Program (STIP) for non-metropolitan areas. Trunkline Project lists for each individual GPA are maintained by MDOT.

LRP: Metropolitan Transportation Plan

A document resulting from regional or statewide collaboration and consensus on a region or state's transportation system, and serving as the defining vision for the region's or state's transportation systems and services. In metropolitan areas, the plan indicates all of the transportation improvements scheduled for funding over the next 20 years.

MPA: Metropolitan Planning Area

The geographic area in which the metropolitan transportation planning process required by 23 U.S.C. 134 and section 8 of the Federal Transit Act (49 U.S.C. app. 1607) must be carried out. (23CFR420)

MPO: Metropolitan Planning Organization

1) Regional policy body, required in urbanized areas with populations over 50,000, and designated by local officials and the governor of the state. Responsible in cooperation with the state and other transportation providers for carrying out the metropolitan transportation planning requirements of federal highway and transit legislation. 2) Formed in cooperation with the state, develops transportation plans and programs for the metropolitan area. For each urbanized area, a Metropolitan Planning Organization (MPO) must be designated by agreement between the Governor and local units of government representing

Public Participation

The active and meaningful involvement of the public in the development of transportation plans and programs.

TIP: Transportation Improvement Program

A document prepared by a metropolitan planning organization that lists projects to be funded with FHWA/FTA funds for the next one- to three-year period.

UWP: Unified Planning Work Program

The management plan for the (metropolitan) planning program. Its purpose is to coordinate the planning activities of all participants in the planning process.

WestPlan: West Michigan Metropolitan Transportation Planning Program

The Metropolitan Planning Organization for the urbanized of Muskegon and northern Ottawa County.

WMSRDC: West Michigan Shoreline Regional Development Commission

WMSRDC is a federal and state designated regional planning and development agency serving 120 local governments in Lake, Mason, Muskegon, Newaygo, and Oceana Counties. WMSRDC staffs the Muskegon and northern Ottawa County MPO.

Appendix B

FAST Act Participation Plan Regulations

23 CFR Part 450.316 Interested parties, participation, and consultation.

(a) The MPO shall develop and use a documented participation plan that defines a process for providing individuals, affected public agencies, representatives of public transportation employees, public ports, freight shippers, providers of freight transportation services, private providers of transportation (including intercity bus operators, employer-based commuting programs, such as carpool program, vanpool program, transit benefit program, parking cash-out program, shuttle program, or telework program), representatives of users of public transportation, representatives of users of pedestrian walkways and bicycle transportation facilities, representatives of the disabled, and other interested parties with reasonable opportunities to be involved in the metropolitan transportation planning process.

(1) The MPO shall develop the participation plan in consultation with all interested parties and shall, at a minimum, describe explicit procedures, strategies, and desired outcomes for:

- (i) Providing adequate public notice of public participation activities and time for public review and comment at key decision points, including a reasonable opportunity to comment on the proposed metropolitan transportation plan and the TIP;
- (ii) Providing timely notice and reasonable access to information about transportation issues and processes;
- (iii) Employing visualization techniques to describe metropolitan transportation plans and TIPs;
- (iv) Making public information (technical information and meeting notices) available in electronically accessible formats and means, such as the World Wide Web;
- (v) Holding any public meetings at convenient and accessible locations and times;
- (vi) Demonstrating explicit consideration and response to public input received during the development of the metropolitan transportation plan and the TIP;

Appendix C

Maps of Transportation Improvement Program (TIP) Projects and Environmental Justice Overlays





Appendix D

West Michigan Shoreline Regional Development Commission (WMSRDC) Equity Statement

Equity Statement

The Commission defines equity as the intentional inclusion of everyone in society. Equity is achieved when systemic, institutional, and historical barriers based on race, gender, sexual orientation, and other identities and abilities are dismantled and no longer predict socioeconomic, education, and health outcomes.

The Commission recognizes structural racism and other forms of oppression have contributed to persistent disparities which the Commission seeks to dismantle within its region. The Commission strives to engage community members, especially those whose voices have traditionally been marginalized. The Commission works with local governments, residents, and public and private partners to provide resources, support, and opportunities that create prosperous and thriving communities for all citizens.

The Commission also strives to provide a work environment that recognizes individual differences, is free from discrimination, and is respectful of the rights and dignity of all individuals. The Commission has built its reputation on the foundations of excellence and integrity, and expects its employees to exhibit behaviors consistent with these standards.

Therefore, the Commission commits to leveraging our resources and assets to create more equitable communities through the programs it administers, as well as to develop racially conscious partnerships and processes that anticipate unintended outcomes to ensure the inclusion of all people in the region and organization.

Appendix E Transportation Program Overview

Transportation Program Overview

METROPOLITAN PLANNING ORGANIZATION (MPO)

The West Michigan Metropolitan Planning Program (WestPlan) is the Metropolitan Planning Organization (MPO) for Muskegon County and northern Ottawa County. WestPlan is a program of the West Michigan Shoreline Regional Development Commission (WMSRDC). The Fixing America's Surface Transportation (FAST) Act requires that an MPO be designated for each urbanized area with a population of more than 50,000 people. The MPO carries out the metropolitan transportation planning process as a condition to receive federal transportation aid.



Every MPO, including WestPlan, consists of a Policy Committee and a Technical Committee. The Technical Committee recommends decisions to the Policy Committee. The Policy Committee is responsible for all final decisions regarding the MPO transportation planning process.

The MPO planning boundary is Muskegon County and northern Ottawa County. The urbanized area in Muskegon County consists of the cities/villages of Muskegon, Muskegon Heights, Norton Shores, Montague, Fruitport, Lakewood Club and Roosevelt Park, plus parts of Fruitport, Dalton, Laketon and Muskegon townships. Sullivan, Egelston, Fruitland, and Laketon townships are located outside of the urban area boundaries and are considered rural areas of the MPO. The Ottawa County urbanized consists of the cities/villages of Grand Haven, Ferrysburg, and Spring Lake, and parts of the townships of Robinson, Crockery, Grand Haven, and Spring Lake. The following local communities and/or transportation agencies and providers are members of WestPlan. Go to <https://wmsrdc.org/program/transportation/services/> for individual names of committee representatives.

- Muskegon County
- Muskegon County Road Commission
- City of Muskegon
- City of Muskegon Heights
- City of North Muskegon
- City of Norton Shores
- City of Roosevelt Park
- City of Whitehall
- City of Montague
- Village of Fruitport
- Muskegon Area Transit System
- Muskegon County Urban Townships (one Representative for Dalton, Fruitport, Laketon, Muskegon)
- Muskegon County Rural Townships (one representative for Blue Lake, Casnovia, Cedar Creek Fruitland, Egelston, Holton, Montague, Moorland, Ravenna, Sullivan, White River)
- Ottawa County
- Ottawa County Road Commission
- City of Grand Haven
- City of Ferrysburg
- Village of Spring Lake
- Ottawa County Urban Townships (one representative for Crockery, Grand Haven, Robinson, Spring Lake)
- Harbor Transit Multi-Modal Transit System
- Federal Highway Administration
- Michigan Department of Transportation

LONG RANGE TRANSPORTATION PLAN

Every MPO, including WestPlan, prepares a Long Range Transportation Plan (LRTP) in accordance with federal regulations that provides for a multi-jurisdictional, multi-year

look at the Muskegon/Northern Ottawa area's future transportation system. The LRTP is updated every four years and outlines the transportation needs and resources for the evaluated 25 year period with constrained finances. The plan also includes the use of local, state, and federal transportation goals and objectives to guide transportation plans and projects. The WestPlan LRTP, in its continual development, is a cooperative effort of the MPO, the state, local communities, public transit agencies, transportation stakeholders, and the public.

TRANSPORTATION IMPROVEMENT PROGRAM



MPOs are also required to prepare a Transportation Improvement Program (TIP). The TIP is a cooperative effort between federal, state, and local officials and serves as the final link in the planning process. Its primary purpose is to identify programs and projects to be funded with federal aid, in accordance with federal law and the regulations of the Federal Highway Administration and the Federal Transit Administration over the next four year period. Projects for the TIP are selected based on several factors, including need, local initiative, and requirements of the federal government through federal transportation regulations. Other considerations for project selection include impact on air quality and availability of funds. The TIP is amended continually and includes a detailed list of projects which are funded and scheduled for the upcoming four year (fiscal years) period. The development of the TIP facilitates the required “3-C” (Continuous, Comprehensive, and Cooperative) planning process. The TIP is a product of a *continuous* process on the part of local and state government to improve the regional transportation system. The TIP is *comprehensive* because it encompasses all modes of transportation. In addition, the TIP demonstrates a *cooperative* intergovernmental working relationship between local officials to mutually agree upon priorities and needs. The TIP project list is edited frequently and can be found on the WMSRDC website at www.wmsrdc.org.

UNIFIED WORK PROGRAM

WestPlan develops a required Unified Planning Work Program (UPWP) in cooperation with the state, local communities, public transit agencies, transportation stakeholders, and the public. The UWP includes a discussion of the planning priorities facing the region and serves as the core budget for the urban transportation planning activities of WestPlan's transportation program. It identifies the work proposed for the upcoming fiscal year by major activity and task in sufficient detail to indicate who will perform the work, the schedule for completing the work, the resulting products, the proposed funding by activity/task, and a summary of the total amounts and sources of federal and matching funds.



PUBLIC INVOLVEMENT

WestPlan is committed to ensuring that citizen input will figure prominently throughout the planning processes and contribute to transportation issue identification through public comment periods, public meetings, open houses, review of draft documents, and other methods. WestPlan is also federally required to explicitly set forth public participation policies that meet federal standards and guidelines. These policies are laid out in the Public Participation Plan in Transportation Decision Making which can be found on the WMSRDC website at <https://wmsrdc.org/project/public-involvement-in-transportation-planning/>.

MORE INFORMATION

Joel Fitzpatrick, Transportation Director
West Michigan Shoreline Regional Development Commission
316 Morris Avenue, Suite 340 Muskegon, Michigan 49440
jfitzpatrick@wmsrdc.org. Phone: (231) 722-7878 ext. 160

Appendix F

Comments on this Plan

The below comments were emailed on August 23, 2021 by Stacey Fedewa, Community Development Planner for Grand Haven Charter Township. Below each comment in bold italics is how the comment was addressed.

Thank you for the opportunity to review and comment on the updates to the PPP. I took a look at the draft and have the following comments for the MPO to consider:

3. The Public, Pages 3-4 – Types of Organizations Located in the Area: who determines who the “affected public agencies” are? Should local school districts be included too rather than just the intermediate school districts?

The list of public agencies is determined by the MPO using various input. Local school districts will be added to the affected public agency list.

5. Significant Planning Initiatives: this section refers you back to the appendix for Transportation Overview. That is where I expected to find the “significant planning initiatives” but they are not there, so it appears they are somewhere else in the document. I recommend providing a correct reference to where the reader can find those initiatives.

There was an error in the flow of the document. This error has been corrected and now the document flows correctly.

Page 9: the clipart of men and women whom are white and black is very odd. It seems out of place and I don’t understand its purpose. This will likely be problematic for gender equity.

The clipart has been changed.

Page 10 – TIP: for meaningful public participation to enable the Types of Organizations Located in the Area an opportunity to include projects on the list, they should be notified at the kickoff point where the lists are being developed. As you know, once a list is made it is difficult to make significant changes.

A notice on the WMSRDC website is posted regarding the development of a new TIP.

6. Public Notification: while local libraries do have public computers, your statement does not address how the public will get to the library. Which is ironic being a transportation-centered document. In particular, are the impoverished and minority areas able to reach the library by public modes of transportation? You should consider the walkability index as well for access to libraries. Lastly, there are numerous references to important documents being on the website. However, the links in the pdf are not live nor would they take you directly to a document or specific page on the website. I finally found meeting minutes under Resources, but that’s not where I expected to find them. I assumed they would be under About or Programs. Hence, it would be very helpful for the public to have the PPP incorporate live links that take you to the document and/or page being referenced.

Public libraries were mentioned in this document as one source to for the pubic to use to access the WMSRDC website and documents. Libraries are not listed as the only source. All links are now live, and where appropriate, more specific to the direct page referenced. MPO meeting minutes are now posted in several different locations on the website to make them more easy to be found.

7. Outreach Strategies: I did find the facebook page through the website. This section indicates being proactive with information. Yet, the facebook page doesn't seem to reflect that. It does provide notices on upcoming meetings, but in an unhelpful way. For example, if the meeting is a video and telephone conference, the post should include the number and link to join. Similarly, there should be a direct link to the meeting materials, so the public isn't lost trying to find the info. For example, I just tried to view the information from your 8/18 meeting. The link takes me to the homepage. I clicked View All Events. I clicked Project Page August 18th under Previous Events and it just reloads the same site. Was finally able to find the documents by clicking the title of the meeting, which doesn't have any indication it is an active link unless you hover your mouse and see it change from an arrow to a hand. These are small changes that make a big difference for the public.

Posts about upcoming meetings on social media and in emails now include a link to not only the Events Calendar but also to the MPO Technical and/or Policy Committee's meetings page where the user can find meeting materials, location, and virtual login information if applicable.

8. Making Public Comments – Where to find...: bullet point 4 indicates local governments are posting notices??? I don't recall ever seeing one in the 7 years I've worked here, so I'm not sure it is an accurate statement. Recommend making the email address a live link.

In the public meeting notice emails sent to the interested citizen/agency list, the recipient of that email is asked "to post this notice on public information boards if applicable."

10. Measures of Effectiveness: those are exceptionally low performance goals. Only 10 website hits per month with 5% gain for the year? That only equates to 10.5 hits per month. Annual increase of 10 followers on social media? As the manager of the Township's Facebook page, it doesn't take that much effort to obtain new followers. In essence, when the reader views your suggested performance goals and sees the minimalist nature—it does not breed confidence in your desire to obtain public participation and input. Rather, it appears there is little to no effort being put into gaining more participation and you are merely doing the bare minimum to comply with the FAST Act by having a PPP.

The MPO strives to surpass all measures of effectiveness.

Appendix D: what would be meaningful to me as a reader would be a list and/or map of projects over time that show equitable number and cost of projects inside and outside of the areas defined as impoverished and minority, see maps in Appendix C. Without something to show the reader, it's just words on paper that don't measure success.

Environmental Justice is detailed more in depth in the 2020-2023 Transportation Improvement Program that can be viewed at <https://wmsrdc.org/wp-content/uploads/2019/08/2020-2023-TIP-Document-OFFICIAL-6.24.19.pdf>.

Appendix E – members of WestPlan: how would the Townships determine if they are Urban or Rural, and how will we know who the "one representative for all" is?

This section now shows more detail on WestPlan membership representation.

APPENDIX I: TRANSIT ASSET MANAGEMENT (TAM) PLANS

MUSKEGON AREA TRANSIT SYSTEM
TRANSIT ASSET MANAGEMENT (TAM) PLAN
SEPTEMBER 2018

Prepared by and for
Muskegon Area Transit System
2624 Sixth Street
Muskegon Heights, MI 49444

Introduction

The Muskegon Area Transit System (MATS) recognizes that having vehicles, facilities, and equipment that are in a state of good repair is an essential part of providing good community service. It is the responsibility of the County Administrator, as the Accountable Executive for MATS, through the efforts of the Transit Systems Manager, to balance transit asset management, safety, day-to-day operations, and expansion needs of the system. Efforts are made to identify and align capital resources in advance of the need for new capital equipment in order to keep the system modern. Efforts are also made to maintain equipment in a way that promotes safety and customer experience. The challenge presented every day is to maintain quality assets in an environment of sometimes harsh driving conditions and perennially limited resources.

The measurement of “State of Good Repair” can be very complex and require vast amounts of data collection, asset monitoring, and analysis. Because of the potential to consume vast resources in determining State of Good Repair, many transit systems will use a proxy measurement in the absence of more detailed data. The Federal Transit Administration has identified a set of proxy measures that can be used, and that MATS will follow in its processes. The proxy measures, as depicted on the FTA website are:

Asset Category	FTA established Performance Measure
Rolling Stock	% of revenue vehicles exceeding ULB
Equipment	% of non-revenue service vehicles exceeding ULB
Facilities	% of facilities rated under 3.0 on the TERM scale
Infrastructure	% of track segments under performance restriction

In using these proxy measures, the ULB is the Useful Life Benchmark of a particular type of vehicle, expressed in the number of years a vehicle will operate in service before its age may present good repair issues. The TERM scale is a facility rating mechanism that evaluates FTA-funded assets on a 1-5 scale. On the TERM scale, facilities having a score of 1 or 2 may present good repair issues. MATS is using these FTA established performance measures as proxy measures for a State of Good Repair of MATS assets.

To further quantify and manage the condition of transit assets nationwide and to support and prioritize federal investment in transit capital assets, the Federal Transit Administration promulgated new rules regarding asset management in 2016. Found at 49 CFR Part 625 and 630, these new rules require, in part, that transit agencies create and maintain Transit Asset

Management (TAM) Plans and report annually on data related to their capital assets. The Executive Summary language that accompanied the establishment of this federal requirement, as published in the Federal Register Final Rule Notice dated July 26, 2016 (Docket No. FTA-2014-0020), says in part...

This final rule establishes a National Transit Asset Management (TAM) System in accordance with section 20019 of the Moving Ahead for Progress in the 21st Century Act (MAP-21; Pub. L. 112-141 (2012), codified at 49 U.S.C. 5326).¹ A transit asset management system is “a strategic and systematic process of operating, maintaining, and improving public transportation capital assets effectively through the life cycle of such assets.” 49 U.S.C. 5326(a)(3).

Critical to the safety and performance of a public transportation system is the condition of its capital assets—most notably, its equipment, rolling stock, infrastructure, and facilities. When transit assets are not in a state of good repair, the consequences include increased safety risks, decreased system reliability, higher maintenance costs, and lower system performance.

The Federal Register notice of the TAM Rule further explains the rationale for the transit agency requirement by stating...

Each transit provider that receives Chapter 53 funds as a recipient or subrecipient and either owns, operates, or manages capital assets used in the provision of public transportation, is required to develop and implement a TAM plan. A TAM plan is a tool that will aide transit providers in: (1) Assessing the current condition of its capital assets; (2) determining what the condition and performance of its assets should be (if they are not already in a state of good repair); (3) identifying the unacceptable risks, including safety risks, in continuing to use an asset that is not in a state of good repair; and (4) deciding how to best balance and prioritize reasonably anticipated funds (revenues from all sources) towards improving asset condition and achieving a sufficient level of performance within those means.

This Transit Asset Management plan is intended to document efforts of the Muskegon Area Transit System to fulfill the above requirement of our federal funding partners and to continue a long-held commitment to maintaining quality capital assets. MATS is hopeful that this document and the processes developed over time to support it will serve to further ensure quality services for public transit customers, to reduce equipment and facility maintenance costs, and to provide measurable support to accompany future requests for capital assets or operating assets used to support capital preservation.

Core TAM Elements Covered in TAM Plan Template – Attachment A

Attachment A of this document is an important part of this plan and is generated from a TAM Plan Template tool provided by the Federal Transit Administration. This tool is intended to assist small transit systems, such as

MATS, in capturing each of the required elements of the TAM plan document process. In addition to setting State of Good Repair Goals for MATS, the information in Attachment A provides an inventory of capital assets, a condition assessment of inventoried assets (based on Useful Life Benchmarking), a decision support tool listing, and a means to prioritize investments. Each of these Template elements, and other TAM plan requirements are discussed here.

Additional TAM Plan Discussion and Elements

The following TAM Plan components are not expressly identified in Attachment A, or require additional discussion.

Asset Condition – An element of TAM planning is the assessment of the condition of assets. The list of assets in Attachment A is continually assessed in the course of daily operations of the transit system. At the time of this writing, each of the vehicle assets listed is considered to be in an acceptable condition and able to function at a full level of performance for its intended purpose. The Useful Life Benchmark for an asset serves as a proxy for the condition of the asset, absent other assessment data. There are two facilities listed in the asset listing. The condition of the Herman Ivory Terminal has been assessed and found to score a “5” on the FTA’s TERM Rating Scale. The condition of the Louis A. McMurray Center has been estimated as a “4” for purposes of preparing Attachment A and will be further assessed next year, as part of a rotating cycle of facility assessments.

Investment Prioritization – An element of TAM planning is the use of decision support tools to estimate capital needs and to prioritize capital investments. As indicated in Attachment A, MATS is using its Manager Plus fleet maintenance software and the TAM Plan Template tool to assist in this regard. The Transit Systems Manager also maintains a spreadsheet (Attachment B) that assists in planning the flow of capital dollars. It is this spreadsheet that, at this time, provides the required investment prioritization for capital assets.

ATTACHMENT A

TAM PLAN TEMPLATE

Muskegon Area Transit System Transit Asset Management Plan

Mark Eisenbarth, County Administrator, Accountable Executive

Last modified by James A. Koens on 10 Sep 18 at 15:58

Introduction

The Muskegon Area Transit System is a department of the County of Muskegon, MI, and operates public transit services throughout Muskegon County, MI. Services are directly operated and include fixed route and demand response services.

Performance Targets & Measures

Asset Category - Performance Measure	Asset Class	2019 Target	2020 Target	2021 Target	2022 Target	2023 Target
REVENUE VEHICLES						
Age - % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	AB - Articulated Bus	N/A				
	AO - Automobile	N/A				
	BR - Over-the-road Bus	N/A				
	BU - Bus	20%	20%	20%	20%	20%
	CU - Cutaway Bus	1%	1%	1%	1%	1%
	DB - Double Decked Bus	N/A				
	FB - Ferryboat	N/A				
	MB - Mini-bus	N/A				
	MV - Mini-van	1%	1%	100%	50%	20%
	RT - Rubber-tire Vintage Trolley	N/A				
	SB - School Bus	N/A				
	SV - Sport Utility Vehicle	N/A				
	TB - Trolleybus	N/A				
	VN - Van	N/A				
	Custom 1	N/A				
	Custom 2	N/A				
	Custom 3	N/A				
EQUIPMENT						
Age - % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Non Revenue/Service Automobile	30%	30%	34%	34%	34%
	Steel Wheel Vehicles	N/A				
	Trucks and other Rubber Tire Vehicles	N/A				
	Custom 1	N/A				
	Custom 2	N/A				
	Custom 3	N/A				
FACILITIES						
Condition - % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Administration	1%	1%	1%	1%	1%
	Maintenance	N/A				
	Parking Structures	N/A				
	Passenger Facilities	1%	1%	1%	1%	1%
	Custom 1	N/A				
	Custom 2	N/A				
	Custom 3	N/A				

Target Setting Methodology

The performance targets established here are calculated using the base Useful Life Benchmarks provided by the Federal Transit Administration for various classes of assets (Bus-14yrs, Cutaway-10yrs, Minivan and Autos-8yrs). These ULB's were compared to the existing MATS fleet as of August 1, 2018, as age progressed, to establish benchmarks for each year. Some vehicle disposals and new acquisitions are assumed in these goals to maintain a reasonable target.

Capital Asset Inventory

Please see Appendix A (Asset Register) for the asset inventory listing.

Asset Inventory Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg Value
Revenue Vehicles	36	7.8	193,585	\$285,416.67
AB - Articulated Bus	0	-	-	-
AO - Automobile	0	-	-	-
BR - Over-the-road Bus	0	-	-	-
BU - Bus	19	9.8	277,054	\$480,263.16
CU - Cutaway Bus	10	5.9	146,161	\$90,500.00
DB - Double Decked Bus	0	-	-	-
FB - Ferryboat	0	-	-	-
MB - Mini-bus	0	-	-	-
MV - Mini-van	7	5.0	34,777	\$35,000.00
RT - Rubber-tire Vintage Trolley	0	-	-	-
SB - School Bus	0	-	-	-
SV - Sport Utility Vehicle	0	-	-	-
TB - Trolleybus	0	-	-	-
VN - Van	0	-	-	-
Custom 1	0	-	-	-
Custom 2	0	-	-	-
Custom 3	0	-	-	-
Equipment	7	5.1	26,893	\$31,428.57
Non Revenue/Service Automobile	7	5.1	26,893	\$31,428.57
Steel Wheel Vehicles	0	-	-	-
Trucks and other Rubber Tire Vehicles	0	-	-	-
Custom 1	0	-	-	-
Custom 2	0	-	-	-
Custom 3	0	-	-	-
Facilities	2	10.0	N/A	\$5,000,000.00
Administration	1	17.0	N/A	\$7,500,000.00
Maintenance	0	-	N/A	-
Parking Structures	0	-	N/A	-
Passenger Facilities	1	3.0	N/A	\$2,500,000.00
Custom 1	0	-	N/A	-
Custom 2	0	-	N/A	-
Custom 3	0	-	N/A	-

Condition Assessment

Please see Appendix B (Asset Condition Data) for individual asset condition listing.

Asset Condition Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg TERM Condition	Avg Value	% At or Past ULB
Revenue Vehicles	36	7.8	193,585	N/A	\$285,416.67	8%
AB - Articulated Bus	0	-	-	N/A	-	-
AO - Automobile	0	-	-	N/A	-	-
BR - Over-the-road Bus	0	-	-	N/A	-	-
BU - Bus	19	9.8	277,054	N/A	\$480,263.16	16%
CU - Cutaway Bus	10	5.9	146,161	N/A	\$90,500.00	0%
DB - Double Decked Bus	0	-	-	N/A	-	-
FB - Ferryboat	0	-	-	N/A	-	-
MB - Mini-bus	0	-	-	N/A	-	-
MV - Mini-van	7	5.0	34,777	N/A	\$35,000.00	0%
RT - Rubber-tire Vintage Trolley	0	-	-	N/A	-	-
SB - School Bus	0	-	-	N/A	-	-
SV - Sport Utility Vehicle	0	-	-	N/A	-	-
TB - Trolleybus	0	-	-	N/A	-	-
VN - Van	0	-	-	N/A	-	-
Custom 1	0	-	-	N/A	-	-
Custom 2	0	-	-	N/A	-	-
Custom 3	0	-	-	N/A	-	-
Equipment	7	5.1	26,893	N/A	\$31,428.57	29%
Non Revenue/Service Automobile	7	5.1	26,893	N/A	\$31,428.57	29%
Steel Wheel Vehicles	0	-	-	N/A	-	-
Trucks and other Rubber Tire Vehicles	0	-	-	N/A	-	-
Custom 1	0	-	-	N/A	-	-
Custom 2	0	-	-	N/A	-	-
Custom 3	0	-	-	N/A	-	-
Facilities	2	10.0	N/A	4.5	\$5,000,000.00	N/A
Administration	1	17.0	N/A	4.0	\$7,500,000.00	N/A
Maintenance	0	-	N/A	-	-	N/A
Parking Structures	0	-	N/A	-	-	N/A
Passenger Facilities	1	3.0	N/A	5.0	\$2,500,000.00	N/A
Custom 1	0	-	N/A	-	-	N/A
Custom 2	0	-	N/A	-	-	N/A
Custom 3	0	-	N/A	-	-	N/A

Decision Support

Investment Prioritization

Transit Systems Manager discusses needs with Operations Managers, maintenance personnel, and the County's Facilities

Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
Manager Plus	A software system used to schedule and document fleet and facility maintenance activities
FTA TAM Plan Template for Small Providers	A spreadsheet tool to summarize asset listings and project asset lifespan into the future

Investment Prioritization

The list of prioritized investment projects is provided in Appendix C.

Appendices

[Appendix A](#)

[Appendix B1](#)

[Appendix B2](#)

[Appendix B3](#)

[Appendix C](#)

[Appendix D](#)

- Asset Register
- Revenue Vehicle (Rolling Stock) Condition Data
- Equipment Condition Data
- Facilities Condition Data
- Proposed Investment Project List
- Fleet Replacement Module Output

Appendix A: Asset Register

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Equipment	Non Revenue/Service Automobile	0302	CHEVROLET	SILVERADO	1	1GCHK24U73E283218	MATS	2003	93,225	\$35,000.00
Equipment	Non Revenue/Service Automobile	0601	CHEVROLET	SILVERADO	1	3GCEK14X26G223478	MATS	2006	51,124	\$30,000.00
Equipment	Non Revenue/Service Automobile	1301	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBGXR651054	MATS	2013	37,263	\$35,000.00
Equipment	Non Revenue/Service Automobile	1701	DODGE	GRAND CARAVAN	1	2C4RDGBGXHR802863	MATS	2017	1,740	\$25,000.00
Equipment	Non Revenue/Service Automobile	1702	DODGE	GRAND CARAVAN	1	2C4RDGBG1HR802864	MATS	2017	1,818	\$25,000.00
Equipment	Non Revenue/Service Automobile	1703	FORD	F250	1	1FTBF2B61HEE08784	MATS	2017	1,275	\$35,000.00
Equipment	Non Revenue/Service Automobile	1704	FORD	F250	1	1FTBF2B63HEE08785	MATS	2017	1,806	\$35,000.00
Facilities	Administration	Louis A. McMurray Center			1		MATS	2001		\$7,500,000.00
Facilities	Passenger Facilities	Herman Ivory Terminal			1		MATS	2015		\$2,500,000.00
RevenueVehicles	BU - Bus	0701	GILLIG	LOWFLOOR	1	15GGB291461076851	MATS	2006	418,091	\$500,000.00
RevenueVehicles	BU - Bus	0702	GILLIG	LOWFLOOR	1	15GGB291661076852	MATS	2006	437,653	\$500,000.00
RevenueVehicles	BU - Bus	0703	GILLIG	LOWFLOOR	1	15GGB291861076853	MATS	2006	412,417	\$500,000.00
RevenueVehicles	BU - Bus	0704	GILLIG	LOWFLOOR	1	15GGB291X61076854	MATS	2006	444,461	\$500,000.00
RevenueVehicles	BU - Bus	0901	GILLIG	LOWFLOOR	1	15GGB271991078554	MATS	2009	344,011	\$500,000.00
RevenueVehicles	BU - Bus	0902	GILLIG	LOWFLOOR	1	15GGB271091078555	MATS	2009	351,387	\$500,000.00
RevenueVehicles	BU - Bus	0903	GILLIG	LOWFLOOR	1	15GGB271291078556	MATS	2009	379,058	\$500,000.00
RevenueVehicles	BU - Bus	0904	GILLIG	LOWFLOOR	1	15GGB271491078557	MATS	2009	401,541	\$500,000.00
RevenueVehicles	BU - Bus	0905	GILLIG	LOWFLOOR	1	15GGB271691078558	MATS	2009	347,243	\$500,000.00
RevenueVehicles	BU - Bus	1105	GILLIG	LOWFLOOR	1	15GGB2716B1180528	MATS	2011	264,515	\$500,000.00
RevenueVehicles	BU - Bus	1106	GILLIG	LOWFLOOR	1	15GGB2718B1180529	MATS	2011	265,501	\$500,000.00
RevenueVehicles	BU - Bus	1107	GILLIG	LOWFLOOR	1	15GGB2714B1180530	MATS	2011	256,307	\$500,000.00
RevenueVehicles	BU - Bus	1201	GILLIG	LOWFLOOR	1	15GGB2713C1180567	MATS	2012	235,136	\$500,000.00
RevenueVehicles	BU - Bus	1401	GILLIG	LOWFLOOR	1	15GGB2715E1182405	MATS	2014	137,619	\$500,000.00
RevenueVehicles	BU - Bus	1402	GILLIG	LOWFLOOR	1	15GGB2717E1182406	MATS	2014	133,356	\$500,000.00
RevenueVehicles	BU - Bus	1403	GILLIG	LOWFLOOR	1	15GGB2719E1182407	MATS	2014	136,779	\$500,000.00
RevenueVehicles	BU - Bus	9904 - T4	CHANCE	AH-28	1	1C9S2CCS2XW535088	MATS	2000	82,972	\$375,000.00
RevenueVehicles	BU - Bus	9905 - T5	CHANCE	AH-28	1	1C9S2CCS2XW535089	MATS	2000	107,102	\$375,000.00
RevenueVehicles	BU - Bus	9906 - T6	CHANCE	AH-28	1	1C9S2CCS2XW535090	MATS	2000	108,874	\$375,000.00
RevenueVehicles	CU - Cutaway Bus	1002	GOSHEN COACH	GCII	1	1FDFE4FS3ADA68925	MATS	2010	227,199	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1101	GOSHEN COACH	GCII	1	1FDFE4FS5BDA49181	MATS	2011	240,001	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1102	GOSHEN COACH	GCII	1	1FDFE4FS4BDA86884	MATS	2011	252,541	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1103	GOSHEN COACH	GCII	1	1FDFE4FS6BDA86885	MATS	2011	229,703	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1104	GOSHEN COACH	GCII	1	1FDFE4FL9BDA95217	MATS	2011	223,746	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1310	GOSHEN COACH	GCII	1	1FDFE4FS4DDA50941	MATS	2013	55,781	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1311	GOSHEN COACH	GCII	1	1FDFE4FS6DDA50942	MATS	2013	55,478	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1312	GOSHEN COACH	GCII	1	1FDFE4FS8DDA50943	MATS	2013	57,031	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1313	GOSHEN COACH	GCII	1	1FDFE4FSXDDA50944	MATS	2013	50,209	\$90,000.00
RevenueVehicles	CU - Cutaway Bus	1501	ELDORADO NATIONAL	AEROTECH	1	1FDFE4FS2FDA02907	MATS	2015	69,916	\$95,000.00
RevenueVehicles	MV - Mini-van	1303	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBG3DR651056	MATS	2013	38,165	\$35,000.00
RevenueVehicles	MV - Mini-van	1304	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBGXR780704	MATS	2013	37,992	\$35,000.00
RevenueVehicles	MV - Mini-van	1305	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBG1DR780705	MATS	2013	36,043	\$35,000.00
RevenueVehicles	MV - Mini-van	1306	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBG3DR780706	MATS	2013	29,322	\$35,000.00
RevenueVehicles	MV - Mini-van	1307	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBG5DR780707	MATS	2013	27,738	\$35,000.00
RevenueVehicles	MV - Mini-van	1308	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBG8DR780703	MATS	2013	38,303	\$35,000.00
RevenueVehicles	MV - Mini-van	1309	ELDORADO NATIONAL	AMERIVAN	1	2C7WDGBG7DR780708	MATS	2013	35,877	\$35,000.00

Appendix B: Asset Condition Data

B1: Revenue Vehicle Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	BU - Bus	0701	1	15GGB291461076851	12	418,091	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0702	1	15GGB291661076852	12	437,653	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0703	1	15GGB291861076853	12	412,417	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0704	1	15GGB291X61076854	12	444,461	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0901	1	15GGB271991078554	9	344,011	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0902	1	15GGB271091078555	9	351,387	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0903	1	15GGB271291078556	9	379,058	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0904	1	15GGB271491078557	9	401,541	\$500,000.00	14	No
RevenueVehicles	BU - Bus	0905	1	15GGB271691078558	9	347,243	\$500,000.00	14	No
RevenueVehicles	BU - Bus	1105	1	15GGB2716B1180528	7	264,515	\$500,000.00	14	No
RevenueVehicles	BU - Bus	1106	1	15GGB2718B1180529	7	265,501	\$500,000.00	14	No
RevenueVehicles	BU - Bus	1107	1	15GGB2714B1180530	7	256,307	\$500,000.00	14	No
RevenueVehicles	BU - Bus	1201	1	15GGB2713C1180567	6	235,136	\$500,000.00	14	No
RevenueVehicles	BU - Bus	1401	1	15GGB2715E1182405	4	137,619	\$500,000.00	14	No
RevenueVehicles	BU - Bus	1402	1	15GGB2717E1182406	4	133,356	\$500,000.00	14	No
RevenueVehicles	BU - Bus	1403	1	15GGB2719E1182407	4	136,779	\$500,000.00	14	No
RevenueVehicles	BU - Bus	9904 - T4	1	1C9S2CCS2XW535088	18	82,972	\$375,000.00	14	Yes
RevenueVehicles	BU - Bus	9905 - T5	1	1C9S2CCS2XW535089	18	107,102	\$375,000.00	14	Yes
RevenueVehicles	BU - Bus	9906 - T6	1	1C9S2CCS2XW535090	18	108,874	\$375,000.00	14	Yes
RevenueVehicles	CU - Cutaway Bus	1002	1	1FDFF4FS3ADA68925	8	227,199	\$90,000.00	10	No

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	CU - Cutaway Bus	1101	1	1FDFE4FS5BDA49181	7	240,001	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1102	1	1FDFE4FS4BDA86884	7	252,541	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1103	1	1FDFE4FS6BDA86885	7	229,703	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1104	1	1FDFE4FL9BDA95217	7	223,746	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1310	1	1FDFE4FS4DDA50941	5	55,781	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1311	1	1FDFE4FS6DDA50942	5	55,478	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1312	1	1FDFE4FS8DDA50943	5	57,031	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1313	1	1FDFE4FSXDDA50944	5	50,209	\$90,000.00	10	No
RevenueVehicles	CU - Cutaway Bus	1501	1	1FDFE4FS2FDA02907	3	69,916	\$95,000.00	10	No
RevenueVehicles	MV - Mini-van	1303	1	2C7WDGBG3DR651056	5	38,165	\$35,000.00	8	No
RevenueVehicles	MV - Mini-van	1304	1	2C7WDGBGXDR780704	5	37,992	\$35,000.00	8	No
RevenueVehicles	MV - Mini-van	1305	1	2C7WDGBG1DR780705	5	36,043	\$35,000.00	8	No
RevenueVehicles	MV - Mini-van	1306	1	2C7WDGBG3DR780706	5	29,322	\$35,000.00	8	No
RevenueVehicles	MV - Mini-van	1307	1	2C7WDGBG5DR780707	5	27,738	\$35,000.00	8	No
RevenueVehicles	MV - Mini-van	1308	1	2C7WDGBG8DR780703	5	38,303	\$35,000.00	8	No
RevenueVehicles	MV - Mini-van	1309	1	2C7WDGBG7DR780708	5	35,877	\$35,000.00	8	No

Appendix B: Asset Condition Data

B2: Equipment Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
Equipment	Non Revenue/Service Automobile	0302	1	1GCHK24U73E283218	15	93,225	\$35,000.00	8	Yes
Equipment	Non Revenue/Service Automobile	0601	1	3GCEK14X26G223478	12	51,124	\$30,000.00	8	Yes
Equipment	Non Revenue/Service Automobile	1301	1	2C7WDGBGXDR651054	5	37,263	\$35,000.00	8	No
Equipment	Non Revenue/Service Automobile	1701	1	2C4RDGBGXHR802863	1	1,740	\$25,000.00	8	No
Equipment	Non Revenue/Service Automobile	1702	1	2C4RDGBG1HR802864	1	1,818	\$25,000.00	8	No
Equipment	Non Revenue/Service Automobile	1703	1	1FTBF2B61HEE08784	1	1,275	\$35,000.00	8	No
Equipment	Non Revenue/Service Automobile	1704	1	1FTBF2B63HEE08785	1	1,806	\$35,000.00	8	No

Appendix B: Asset Condition Data

B3: Facilities Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	TERM Scale Condition	Replacement Cost/Value
Facilities	Administration	Louis A. McMurray Center	1		17	4	\$7,500,000.00
Facilities	Passenger Facilities	Herman Ivory Terminal	1		3	5	\$2,500,000.00

Appendix C: Proposed Investment Project List

Project Year	Project Name	Asset/Asset Class	Cost	Priority
2019	Small Bus Procurement (6)	RevenueVehicles	\$480,000.00	Medium
2020	Heavy Duty Bus Procurement (3)	RevenueVehicles	\$1,462,500.00	Medium

Appendix D: Fleet Replacement Module Output

Total in Current Year \$		\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	
Total in Year of Expenditure \$		\$0.00	\$0.00		\$0.00		\$0.00		\$0.00	
		2019	2020		2021		2022		2023	
Fleet Type (Year/Make/Model)	Number	Cost in 2018 \$	Number	Cost in 2018 \$	Number	Cost in 2018 \$	Number	Cost in 2018 \$	Number	Cost in 2018 \$
2000 CHANCE AH-28										
2006 GILLIG LOWFLOOR										
2009 GILLIG LOWFLOOR										
2011 GILLIG LOWFLOOR										
2012 GILLIG LOWFLOOR										
2014 GILLIG LOWFLOOR										
2010 GOSHEN COACH GCII										
2011 GOSHEN COACH GCII										
2013 ELDORADO NATIONAL AMERIVAN										
2013 GOSHEN COACH GCII										
2015 ELDORADO NATIONAL AEROTECH										

ATTACHMENT B

INVESTMENT PRIORITIZATION

Muskegon Area Transit System Capital Investment Prioritization
August 15, 2018

Local ID	VIN	Miles 1/1/2018	Capital Replacement Notes	Plan/Prioritization of Capital Investment Four Year Planning Horizon	Additional Notes
9904 - T4	1C9S2CCS2XW535088	82,972	eligible at 10 yrs or 350000	Request authorization to sell in FY2019 - no replacement presently planned	
9905 - T5	1C9S2CCS2XW535089	107,102	eligible at 10 yrs or 350000	Request authorization to sell in FY2019 - no replacement presently planned	
9906 - T6	1C9S2CCS2XW535090	108,874	eligible at 10 yrs or 350000	Request authorization to sell in FY2019 - no replacement presently planned	
0701	15GGB291461076851	418,091	eligible at 12 yrs or 500000	Replacement funded with FY2017 CMAQ - vehicle anticipated in FY2020	Will consider for Contingency Fleet
0702	15GGB291661076852	437,653	eligible at 12 yrs or 500000	Replacement funded with FY2018 CMAQ - vehicle anticipated in FY2020	Will consider for Contingency Fleet
0703	15GGB291861076853	412,417	eligible at 12 yrs or 500000	Replacement programmed for FY2019 CMAQ - vehicle anticipated in FY2020	Will consider for Contingency Fleet
0704	15GGB291X61076854	444,461	eligible at 12 yrs or 500000	Funding to be requested from FY2021 CMAQ	Will consider for Contingency Fleet
0901	15GGB271991078554	344,011	eligible at 12 yrs or 500000	Funding to be sought from CMAQ / 5339 funding in 2021-23	Potential to deploy smaller vehicle pending study
0902	15GGB271091078555	351,387	eligible at 12 yrs or 500000	Funding to be sought from CMAQ / 5339 funding in 2021-23	Potential to deploy smaller vehicle pending study
0903	15GGB271291078556	379,058	eligible at 12 yrs or 500000	Funding to be sought from CMAQ / 5339 funding in 2021-23	Potential to deploy smaller vehicle pending study
0904	15GGB271491078557	401,541	eligible at 12 yrs or 500000	Funding to be sought from CMAQ / 5339 funding in 2021-23	Potential to deploy smaller vehicle pending study
0905	15GGB271691078558	347,243	eligible at 12 yrs or 500000	Funding to be sought from CMAQ / 5339 funding in 2021-23	Potential to deploy smaller vehicle pending study
1105	15GGB2716B1180528	264,515	eligible at 12 yrs or 500000		
1106	15GGB2718B1180529	265,501	eligible at 12 yrs or 500000		
1107	15GGB2714B1180530	256,307	eligible at 12 yrs or 500000		
1201	15GGB2713C1180567	235,136	eligible at 12 yrs or 500000		
1401	15GGB2715E1182405	137,619	eligible at 12 yrs or 500000		
1402	15GGB2717E1182406	133,356	eligible at 12 yrs or 500000		
1403	15GGB2719E1182407	136,779	eligible at 12 yrs or 500000		
1002	1FDFE4FS3ADA68925	227,199	eligible at 7 yrs or 200000 per MDOT	Replacement funded w/ FY2015 CMAQ - order anticipated in FY2019	
1101	1FDFE4FS5BDA49181	240,001	eligible at 7 yrs or 200000 per MDOT	Replacement funded w/ FY2015 CMAQ - order anticipated in FY2019	
1102	1FDFE4FS4BDA86884	252,541	eligible at 7 yrs or 200000 per MDOT	Replacement funded w/ FY2015 CMAQ - order anticipated in FY2019	
1103	1FDFE4FS6BDA86885	229,703	eligible at 7 yrs or 200000 per MDOT	Replacement funded w/ FY2017 5310 - order anticipated in FY2019	
1104	1FDFE4FL9BDA95217	223,746	eligible at 7 yrs or 200000 per MDOT	Replacement funded w/ FY2017 5310 - order anticipated in FY2019	
1303	2C7WDGBG3DR651056	38,165	eligible at 4 years or 100000	Funding to be sought from 5339 funds in FY2022	
1304	2C7WDGBGXDR780704	37,992	eligible at 4 years or 100000	Funding to be sought from 5339 funds in FY2022	
1305	2C7WDGBG1DR780705	36,043	eligible at 4 years or 100000	Funding to be sought from 5339 funds in FY2022	
1306	2C7WDGBG3DR780706	29,322	eligible at 4 years or 100000	Funding to be sought from 5339 funds in FY2022	
1307	2C7WDGBG5DR780707	27,738	eligible at 4 years or 100000	Funding to be sought from 5339 funds in FY2023	
1308	2C7WDGBG8DR780703	38,303	eligible at 4 years or 100000	Funding to be sought from 5339 funds in FY2023	
1309	2C7WDGBG7DR780708	35,877	eligible at 4 years or 100000	Funding to be sought from 5339 funds in FY2023	
1310	1FDFE4FS4DDA50941	55,781	eligible at 7 yrs or 200000 per MDOT		
1311	1FDFE4FS6DDA50942	55,478	eligible at 7 yrs or 200000 per MDOT		
1312	1FDFE4FS8DDA50943	57,031	eligible at 7 yrs or 200000 per MDOT		
1313	1FDFE4FSXDDA50944	50,209	eligible at 7 yrs or 200000 per MDOT		
1501	1FDFE4FS2FDA02907	69,916	eligible at 7 yrs or 200000 per MDOT		
0302	1GCHK24U73E283218	93,225	eligible at 4 years or 100000	Replacement to be programmed from FY2020 Section 5307 funds	
0601	3GCEK14X26G223478	51,124	eligible at 4 years or 100000	Replacement to be programmed from FY2020 Section 5307 funds	
1301	2C7WDGBGXDR651054	37,263	eligible at 4 years or 100000		
1701	2C4RDGBGXHR802863	1,740	eligible at 4 years or 100000		
1702	2C4RDGBG1HR802864	1,818	eligible at 4 years or 100000		
1703	1FTBF2B61HEE08784	1,275	eligible at 4 years or 100000		
1704	1FTBF2B63HEE08785	1,806	eligible at 4 years or 100000		

Additional Capital Considerations

An additional small bus will be procured in FY2019 with FY2015 CMAQ funds. This vehicle will be route-capable and deployed in both fixed route and demand response services
A Muskegon Heights Passenger Facility project is pending development. Funding sources for this new facility project are being identified in the planning stages
Preventive Maintenance efforts will continue to be funded through MATS available Section 5307 formula funds
A study is underway to identify new technologies to be implemented by MATS. Any resulting capital projects will be prioritized as a result of the study



FTA TRANSIT ASSET MANAGEMENT PLAN



HTMMTS Transit Asset Management Plan

Transportation Director, Accountable Executive

Last modified by John Phillips on 03 Jan 19 at 08:50

Introduction

Harbor Transit Multi-Modal Transportation System is a small Tier 2 urbanized transit agency that provides bus service to City of Grand Haven, Village of Spring Lake, City of Ferrysburg, Grand Haven Charter Township and Spring Lake Township. The agency receives financial assistance through the FTA, State DOT and a local tax levy. We provide bus service to 60,000 and up to 120,000 residents during the summer, through Demand Response and Route Deviation Service. We transport passengers from residential homes or facilities, businesses, schools, medical facilities and shopping centers. While our main assets are our buses (27 revenue-vehicles), we also have responsibility for a facility that acts as our administrative office, bus maintenance and parking structure.

Performance Targets & Measures

Asset Category - Performance Measure	Asset Class	2020 Target	2021 Target	2022 Target	2023 Target	2024 Target
REVENUE VEHICLES						
Age - % of revenue vehicles within a particular asset class that have met or exceeded their Useful Life Benchmark (ULB)	AB - Articulated Bus	N/A				
	AO - Automobile	N/A				
	BR - Over-the-road Bus	N/A				
	BU - Bus	N/A				
	CU - Cutaway Bus	21%	21%	21%	21%	21%
	DB - Double Decked Bus	N/A				
	FB - Ferryboat	N/A				
	MB - Mini-bus	N/A				
	MV - Mini-van	5%			50%	50%
	RT - Rubber-tire Vintage Trolley	5%			50%	50%
	SB - School Bus	N/A				
	SV - Sport Utility Vehicle	N/A				
	TB - Trolleybus	N/A				
	VN - Van	N/A				
	Custom 1	N/A				
	Custom 2	N/A				
	Custom 3	N/A				
EQUIPMENT						
Age - % of vehicles that have met or exceeded their Useful Life Benchmark (ULB)	Non Revenue/Service Automobile	5%		100%		
	Steel Wheel Vehicles	N/A				
	Trucks and other Rubber Tire Vehicles	5%		100%		
	Custom 1	N/A				
	Custom 2	N/A				
	Software & PC's	10%	10%			80%
FACILITIES						
Condition - % of facilities with a condition rating below 3.0 on the FTA Transit Economic Requirements Model (TERM) Scale	Administration	N/A				
	Maintenance	N/A				
	Parking Structures	N/A				
	Passenger Facilities	N/A				
	Custom 1	N/A				
	Admin,Maintenance, Parking	5%		25%		
	Custom 3	N/A				

Target Setting Methodology

Harbor Transit sets its targets by using a current bus replacement schedule and by determining the amount of vehicles Harbor Transit would need to replace on a yearly basis to maintain the same level of service. The facility and equipment will also need to be expanded as to accommodate the growth over the last five years with the expansion into the Grand Haven Charter Township and Spring Lake Township.

TAM Vision

A regulatory database or tool that offers and assists the transit agency in smart reinvestment through planning, investment prioritization and asset evaluation and maintenance. Our goal would be to support our community and continue to improve our services.

TAM and SGR Policy

Transit Asset Management (TAM) is a business model for Harbor Transit that uses the condition of assets to guide the optimal prioritization of funding, in order to keep the transit system in a State of Good Repair (SGR). We have improved transparency and accountability for safety, maintenance, asset use, and funding investments. We have also optimized capital investment and maintenance decisions through data-driven maintenance decisions and increased system safety and performance. (See attached appendix? Tam and SGR Plan).

TAM Goals and/or Objectives

Goals	Objectives
Proactive Budgeting and Planning	To enhance annual capital project planning and decision making
	Increase budget forecasting (five years) to optimize capital investment and maintenance decisions
Improve Transparency and Accountability	Maintain SGR levels to improve system performance and reduce breakdowns that impact customer or passenger service
	Reduce maintenance costs and improve vehicle reliability
Increase Customer Satisfaction, measured by recent survey (2018) and decrease passenger complaints	Respond to customer feedback from past MSU survey in August 2018
	Respond to customer complaints within 24 hours using HT Complaint Form
Reduce Vehicle Safety Risks (accidents)	Number of accidents per 100,000 revenue mile
	Decrease accidents
Harbor Transit as a member of WSRDC - West Michigan Shoreline Regional Development Commission	TIP - Transportation Improvement Program, Harbor Transit supports and contributes to this program and goals
	Compliance with TIP Program

About the TAM Plan

Harbor Transit's Transit Asset Management Plan integrates Safety, Performance, SGR and Risk Factors to evaluate vehicles, equipment and facility maintenance and replacement projections. This plan and FTA regulations requires the agency to cover a five year horizon being evaluated and updated yearly. However, there will be an effective and ongoing assessment by our in users both daily and weekly to ensure performance.

Roles and Responsibilities

Department/Individual	Role (Title and/or Description)	Subrecipient
Anthony Dionise	Asset Manager	
John Phillips	Assistant Asset Manager	
Ross Martin	Maintenance	
Dana Appel	Finance & Compliance Coordinator	

Capital Asset Inventory

Please see Appendix A (Asset Register) for the asset inventory listing.

Asset Inventory Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg Value
Revenue Vehicles	27	7.0	165,971	\$144,444.44
AB - Articulated Bus	0	-	-	-
AO - Automobile	0	-	-	-
BR - Over-the-road Bus	0	-	-	-
BU - Bus	0	-	-	-
CU - Cutaway Bus	23	6.1	183,744	\$150,000.00
DB - Double Decked Bus	0	-	-	-
FB - Ferryboat	0	-	-	-
MB - Mini-bus	0	-	-	-
MV - Mini-van	2	6.0	29,060	\$45,000.00
RT - Rubber-tire Vintage Trolley	2	18.0	98,500	\$180,000.00
SB - School Bus	0	-	-	-
SV - Sport Utility Vehicle	0	-	-	-
TB - Trolleybus	0	-	-	-
VN - Van	0	-	-	-
Custom 1	0	-	-	-
Custom 2	0	-	-	-
Custom 3	0	-	-	-
Equipment	3	5.7	24,588	\$90,371.67
Non Revenue/Service Automobile	1	8.0	39,500	\$33,000.00
Steel Wheel Vehicles	0	-	-	-
Trucks and other Rubber Tire Vehicles	1	4.0	9,675	\$59,000.00
Custom 1	0	-	-	-
Custom 2	0	-	-	-
Software & PC's	1	5.0	N/A	\$179,115.00
Facilities	1	7.0	N/A	\$1,265,773.00
Administration	0	-	N/A	\$0.00
Maintenance	0	-	N/A	-
Parking Structures	0	-	N/A	-
Passenger Facilities	0	-	N/A	-
Custom 1	0	0.0	N/A	\$0.00
Admin, Maintenance, Parking	1	7.0	N/A	\$1,265,773.00
Custom 3	0	-	N/A	-

Condition Assessment

Please see Appendix B (Asset Condition Data) for individual asset condition listing.

Asset Condition Summary

Asset Category	Total Number	Avg Age	Avg Mileage	Avg TERM Condition	Avg Value	% At or Past ULB
Revenue Vehicles	27	7.0	165,971	N/A	\$144,444.44	41%
AB - Articulated Bus	0	-	-	N/A	-	-
AO - Automobile	0	-	-	N/A	-	-
BR - Over-the-road Bus	0	-	-	N/A	-	-
BU - Bus	0	-	-	N/A	-	-
CU - Cutaway Bus	23	6.1	183,744	N/A	\$150,000.00	39%
DB - Double Decked Bus	0	-	-	N/A	-	-
FB - Ferryboat	0	-	-	N/A	-	-
MB - Mini-bus	0	-	-	N/A	-	-
MV - Mini-van	2	6.0	29,060	N/A	\$45,000.00	0%
RT - Rubber-tire Vintage Trolley	2	18.0	98,500	N/A	\$180,000.00	100%
SB - School Bus	0	-	-	N/A	-	-
SV - Sport Utility Vehicle	0	-	-	N/A	-	-
TB - Trolleybus	0	-	-	N/A	-	-
VN - Van	0	-	-	N/A	-	-
Custom 1	0	-	-	N/A	-	-
Custom 2	0	-	-	N/A	-	-
Custom 3	0	-	-	N/A	-	-
Equipment	3	5.7	16,392	N/A	\$90,371.67	67%
Non Revenue/Service Automobile	1	8.0	39,500	N/A	\$33,000.00	100%
Steel Wheel Vehicles	0	-	-	N/A	-	-
Trucks and other Rubber Tire Vehicles	1	4.0	9,675	N/A	\$59,000.00	100%
Custom 1	0	-	-	N/A	-	-
Custom 2	0	-	-	N/A	-	-
Software & PC's	1	5.0	0	N/A	\$179,115.00	0%
Facilities	1	7.0	N/A	4.0	\$1,265,773.00	N/A
Administration	0	-	N/A	-	-	N/A
Maintenance	0	-	N/A	-	-	N/A
Parking Structures	0	-	N/A	-	-	N/A
Passenger Facilities	0	-	N/A	-	-	N/A
Custom 1	0	-	N/A	-	-	N/A
Admin, Maintenance, Parking	1	7.0	N/A	4.0	\$1,265,773.00	N/A
Custom 3	0	-	N/A	-	-	N/A

Decision Support

Investment Prioritization

Rate and Rank SGR and ULB programs and projects in order of implementation priority. Select projects and programs to improve or manage SGR of capital assets.

Decision Support Tools

The following tools are used in making investment decisions:

Process/Tool	Brief Description
Table 1 Vehicle Fleet & Configuration	Inventory of revenue and non-revenue vehicles ULB & SGR Score
SGR Performance Targets	Sets a performance measurement and target
Asset Report - CGH BS&A System--Municipal Managemet Software	A software system that uses asset inventory and ULB information to generate 5, 10, 40 year condition forecasts.

Risk Management

Risk	Mitigation Strategy
Reduction or loss of funding from FTA, MDOT or local Tax Levy	Utilize reserve fund and extend asset ULB where feasible
Fuel and supply disruption	Partner with multiple providers with standing agreements
Loss of revenue vehicle(s)	Acquire through emergency funding a loaner or rental
Catastrophic loss of asset through a diaasteer	Enact SEOP "Support Emergency Operations Plan" CGH

Maintenance Strategy

Asset Category	Asset Class	Maintenance Activity	Frequency	Avg Duration (Hrs)	Cost
RevenueVehicles	CU - Cutaway Bus	Manufacturer required maintenance	As required or needed	1	\$500
Equipment	Non Revenue/Service Automobile	Manufacturer required maintenance	As required or needed	1	\$250
Facilities	Admin,Maintenance, Parking	Facility inspection of critical components	Annual	8	\$400
Equipment	Software & PC's	Inspection and report	Daily by user	1	
Equipment	Trucks and other Rubber Tire Vehicles	Manufacturer required maintenance	As required or needed	1	\$250
RevenueVehicles	CU - Cutaway Bus	Engine tune-up	Annual	2	\$1,000

Unplanned Maintenance Approach

Unplanned maintenance cost are addressed through an emergency fund (operational expense item) with a review of our existing strategies, to make sure our goals and targets are being met or revised.

Overhaul Strategy

Asset Category	Asset Class	Overhaul Strategy
Revenue Vehicles	CU - Cutaway Bus	To repair damaged or non-functional assets and components on an (as needed basis). Typically Harbor Transit does not overhaul its assets, unless additional funding is obtained. Assets are replaced once one of the following conditions are met; 1. The asset's ULB is met; 2. An asset is considered a total loss by insurance coverage; and 3. When replacement is approved by FTA and MDOT.
Equipment	Trucks and other Rubber Tire Vehicles	To repair damaged or non-functional assets and components on an (as needed basis). Typically Harbor Transit does not overhaul its assets, unless additional funding is obtained. Assets are replaced once one of the following conditions are met; 1. The asset's ULB is met; 2. An asset is considered a total loss by insurance coverage; and 3. When replacement is approved by FTA and MDOT.
Equipment	Non Revenue/Service Automobile	To repair damaged or non-functional assets and components on an (as needed basis). Typically Harbor Transit does not overhaul its assets, unless additional funding is obtained. Assets are replaced once one of the following conditions are met; 1. The asset's ULB is met; 2. An asset is considered a total loss by insurance coverage; and 3. When replacement is approved by FTA and MDOT.
Facilities	Admin, Maintenance, Parking	To repair damaged or non-functional assets and components on an (as needed basis). Typically Harbor Transit does not overhaul its assets, unless additional funding is obtained. Assets are replaced once one of the following conditions are met; 1. The asset's ULB is met; 2. An asset is considered a total loss by insurance coverage; and 3. When replacement is approved by FTA and MDOT.

Disposal Strategy

Asset Category	Asset Class	Disposal Strategy
Revenue Vehicles	CU - Cutaway Bus	Once ULB is met or exceeded, disposal of asset is started using the following method: 1. Approval from FTA/MDOT to initiate disposal procedures; 2. Vehicles are inspected and condition determine; 3. Vehicles are placed out to bid; 3. vehicle is sold to highest bidder and sale approved by HT Board; 5. The asset is written off the financials and removed from the TAMP; 6. The highest bidder receives the title and removes the property.

Equipment	Trucks and other Rubber Tire Vehicles	Once ULB is met or exceeded, disposal of asset is started using the following method: 1. Approval from FTA/MDOT to initiate disposal procedures; 2. Vehicles are inspected and condition determine; 3. Vehicles are placed out to bid; 3. vehicle is sold to highest bidder and sale approved by HT Board; 5. The asset is written off the financials and removed from the TAMP; 6. The highest bidder receives the title and removes the property.
Equipment	Non Revenue/Service Automobile	Once ULB is met or exceeded, disposal of asset is started using the following method: 1. Approval from FTA/MDOT to initiate disposal procedures; 2. Vehicles are inspected and condition determine; 3. Vehicles are placed out to bid; 3. Vehicle is sold to highest bidder and sale approved by HT Board; 5. The asset is written off the financials and removed from the TAMP; 6. The highest bidder receives the title and removes the property.
Equipment	Software & PC's	Facility assets or equipment owned by Harbor Transit, once the ULB is met or exceeded or conditions exist to upgrade or warrant a replacement, the asset is disposed of using the following method: 1. Approval from the board, FTA & MDOT to innitiate disposal procedures; 2. That asset is inspected and appraised by a third party; 3. The asset is placed out to bid; 4. The asset is sold to the highest bidder; 5. The asset is written off the financials and TAMP; 6. The highest bidder takes possession and removes the asset.
Facilities	Admin,Maintenance, Parking	The facility and real-estate is owned owned by the City of Grand Haven Michigan, once the ULB is met or exceeded or conditions exist to permit a move to a replacement, the asset is disposed of using the following method: 1. Approval from the board, FTA & MDOT to innitiate disposal procedures; 2. That asset is inspected and appraised by a third party; 3. The asset is placed out to bid; 4. The asset is sold to the highest bidder; 5. The asset is written off the financials and TAMP; 6. The highest bidder takes possession and removes the asset.

Acquisition and Renewal Strategy

Asset Category	Asset Class	Acquisition and Renewal Strategy
RevenueVehicles	CU - Cutaway Bus	Replace (5) buses per year that have exceeded ULB (200,000) miles
Equipment	Non Revenue/Service Automobile	Replace non-revenue service vehicles once default ULB is met
Facilities	Admin,Maintenance, Parking	Expand facility to meet current service levels and operational needs. First stage of planning and developing RFP and securing remaining and necessary funding. 45% of funding has been secured through FTA and MDOT grants.

Investment Prioritization

The list of prioritized investment projects is provided in Appendix C.

Capital Investment Activity Schedules

Document Name	File Extension
To obtain 5 buses per year	Excel

Appendices

<u>Appendix A</u>	Asset Register
<u>Appendix B1</u>	Revenue Vehicle (Rolling Stock) Condition Data
<u>Appendix B2</u>	Equipment Condition Data
<u>Appendix B3</u>	Facilities Condition Data
<u>Appendix C</u>	Proposed Investment Project List
<u>Appendix D</u>	Fleet Replacement Module Output

Appendix A: Asset Register

Asset Category	Asset Class	Asset Name	Make	Model	Count	ID/Serial No.	Asset Owner	Acquisition Year	Vehicle Mileage	Replacement Cost/Value
Equipment	Non Revenue/Service Automobile	Sedan	Ford	Fusion	1	3FAHP0HA1BR144869	HT	2011	39,500	\$33,000.00
Equipment	Software & PCs	440 N Ferry Street	RouteMatch		1		HT	2014		\$179,115.00
Equipment	Trucks and other Rubber Tire Vehicles	Pick-up	GMC 4x4	Sierra 2500HD	1	1G122XEG1F2545565	HT	2015	9,675	\$59,000.00
Facilities	Admin, Maintenance, Parking	440 N Ferry Street			1		HT	2012		\$1,265,773.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 1	Goshen	Ford F450		11FDFE4FLO8DB38990	HT	2011	232,935	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 10	Goshen	Ford F450		11FDFE4FL20DB38991	HT	2011	214,603	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 11	ARBCC	GM Chev G33803		11GBG31K681207326	HT	2009	278,873	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 12	ARBCC	GM Chev G33803		11GBG31K781207285	HT	2009	282,819	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 13	ARBCC	GM Chev G33803		11GBG31K381215769	HT	2010	250,921	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 14	ARBCC	GM Chev G33803		11GBG31K381215820	HT	2010	263,346	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 15	ARBCC	GM LPG 4500		11GBG58B861128069	HT	2014	170,824	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 16	ARBCC	GM LPG 4500		11GBG58B83E1128109	HT	2014	158,340	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 17	ARBCC	GM 450		11GBG58B80D1146559	HT	2013	177,836	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 18	ARBCC	GM Chev G33803		11GBG31K381216030	HT	2010	276,396	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 19	ARBCC	GM 450		11GBG58B85D1154592	HT	2013	183,006	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 2	ARBCC	GM Chev G33803		11GBG31K381204268	HT	2009	284,198	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 22	ARBCC	CHEV 4500		11GBG6UGB7H134795	HT	2017	61,000	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 23	ARBCC	CHEV 4500		11GBG6UGB7H135295	HT	2017	58,583	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 24	ARBCC	CHEV 4500		11GBG6UGB7H135171	HT	2017	82,107	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 25	ARBCC	CHEV 4500		11GBG6UGB7H135725	HT	2017	59,015	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 3	ARBCC	GM LPG 4500		11GBG58B83E1127350	HT	2014	153,343	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 4	ARBCC	GM 450		11GBG58B80D1144987	HT	2013	191,012	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 5	ARBCC	GM LPG 4500		11GBG58B82F1255421	HT	2016	114,330	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 6	ARBCC	GM LPG 4500		11GBG58B8X1245537	HT	2016	95,715	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 7	ARBCC	GM Chev G33803		11GBG31K381207062	HT	2009	286,242	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 8	ARBCC	GM LPG 4500		11GBG58B82E1127565	HT	2014	159,182	\$150,000.00
Revenue/Vehicles	CU - Cutaway Bus	Bus 9	ARBCC	GM 450		11GBG58B82D1146515	HT	2013	191,481	\$150,000.00
Revenue/Vehicles	MV - Mini-van	Van 20	Eldorado	Dodge Van		11C7W0GBG620R780700	HT	2013	20,563	\$45,000.00
Revenue/Vehicles	MV - Mini-van	Van 21	Eldorado	Dodge Van		11C7W0GBG64DR780701	HT	2013	37,557	\$45,000.00
Revenue/Vehicles	RT - Rubber-tire Vintage Trolley	Trolley 33	Classic Trolley	MB55 Chassis		114UZAACBZ41CH92778	HT	2001	100,000	\$180,000.00
Revenue/Vehicles	RT - Rubber-tire Vintage Trolley	Trolley 34	Classic Trolley	MB55 Chassis		114UZAACBZ01C164939	HT	2001	97,000	\$180,000.00

Appendix B: Asset Condition Data

B1: Revenue Vehicle Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	CU - Cutaway Bus	Bus 1	1	1FDFE4FLO8DB38990	8	232,935	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 10	1	1FDFE4FL28DB38991	8	214,603	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 11	1	1GBJG31K681207326	10	278,873	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 12	1	1GBJG31K781207285	10	282,819	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 13	1	1GBJG31K381215769	9	250,921	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 14	1	1GBJG31KX81215820	9	263,346	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 15	1	1GB6G58B6E1128069	5	170,824	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 16	1	1GB6G58B83E1128109	5	158,340	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 17	1	1GB6G58G0D1146559	6	177,836	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 18	1	1GBJG31K881216030	9	276,396	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 19	1	1GB6G58G5D1154592	6	183,006	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 2	1	1GBJG31K381204268	10	284,198	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 22	1	1GB6GUBG7H1134795	2	61,000	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 23	1	1GB6GUBGH1125295	2	58,583	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 24	1	1GB6GUBG7H1135171	2	82,107	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 25	1	1GB6GUBG2H1135725	2	59,015	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 3	1	1GB6G58B83E1127350	5	153,343	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 4	1	1GB6G58G0D1144987	6	191,012	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 5	1	1GB6G58B2F1255421	3	114,330	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 6	1	1GB6G58GXF1245537	3	95,715	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 7	1	1GBJG31K981207062	10	286,242	\$150,000.00	7	Yes
RevenueVehicles	CU - Cutaway Bus	Bus 8	1	1GB6G58B2E1127565	5	159,182	\$150,000.00	7	No
RevenueVehicles	CU - Cutaway Bus	Bus 9	1	1GB6G58G2D1146515	6	191,481	\$150,000.00	7	No

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
RevenueVehicles	MV - Mini-van	Van 20	1	2C7WDGBG2DR780700	6	20,563	\$45,000.00	7	No
RevenueVehicles	MV - Mini-van	Van 21	1	2C7WDGBG4DR780701	6	37,557	\$45,000.00	7	No
RevenueVehicles	RT - Rubber-tire Vintage Trolley	Trolley 33	1	4UZAACBZ41CH92778	18	100,000	\$180,000.00	7	Yes
RevenueVehicles	RT - Rubber-tire Vintage Trolley	Trolley 34	1	4UZAACBZ01CJ64939	18	97,000	\$180,000.00	7	Yes

Appendix B: Asset Condition Data

B2: Equipment Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	Vehicle Mileage	Replacement Cost/Value	Useful Life Benchmark (Yrs)	Past Useful Life Benchmark
Equipment	Non Revenue/Service Automobile	Sedan	1	3FAHP0HA1BR1448	8	39,500	\$33,000.00	4	Yes
Equipment	Software & PC's	440 N Ferry Street	1		5		\$179,115.00	10	No
Equipment	Trucks and other Rubber Tire Vehicles	Pick-up	1	1G122XEG1FZ54556	4	9,675	\$59,000.00	4	Yes

Appendix B: Asset Condition Data

B3: Facilities Assets

Asset Category	Asset Class	Asset Name	Count	ID/Serial No.	Age (Yrs)	TERM Scale Condition	Replacement Cost/Value
Facilities	Admin,Maintenance, Parking	440 N Ferry Street	1		7	4	\$1,265,773.00

Appendix C: Proposed Investment Project List

Project Year	Project Name	Asset/Asset Class	Cost	Priority
2019	Gas - Bus Acquisition (5)	RevenueVehicles	\$750,000.00	High
2020	Gas - Bus Acquisition (5)	RevenueVehicles	\$750,000.00	High
2021	Gas - Bus Acquisition (5)	RevenueVehicles	\$750,000.00	Medium
2022	Gas - Bus Acquisition (5)	RevenueVehicles	\$750,000.00	Medium
2023	Gas - Bus Acquisition (2) Trolleys (2)	RevenueVehicles	\$660,000.00	Medium
2020	Expansion to facility	Facilities	\$2,200,000.00	High
2019	Replacement (10) PC's and (27) tablets	Equipment	\$35,000.00	Medium

Appendix D: Fleet Replacement Module Output

Total in Current Year \$		\$2,010,000.00		\$690,000.00		\$750,000.00		\$0.00		\$300,000.00	
Total in Year of Expenditure \$		\$2,010,000.00		\$690,000.00		\$768,750.00		\$0.00		\$307,500.00	
		2020		2021		2022		2023		2024	
Fleet Type (Year/Make/Model)	Number	Cost in 2019 \$	Number	Cost in 2019 \$	Number	Cost in 2019 \$	Number	Cost in 2019 \$	Number	Cost in 2019 \$	Number
2009 ARBOC GM Chev G33803	4	\$600,000.00									
2010 ARBOC GM Chev G33803	3	\$450,000.00									
2011 Goshen Ford E450	2	\$300,000.00									
2013 ARBOC GM 450			4	\$600,000.00							
2013 Eldorado Dodge Van			2	\$90,000.00							
2014 ARBOC GM LPG 4500	1	\$150,000.00			4	\$600,000.00					
2016 ARBOC GM LPG 4500											
2017 ARBOC CHEV 4500	1	\$150,000.00			1	\$150,000.00			2	\$300,000.00	
2001 Classic Trolley MB55 Chassis	2	\$360,000.00									

APPENDIX J: GRAND RAPIDS LOMA CONFORMITY REPORT

Draft for Public Comment

Transportation Conformity Determination Report for the 1997 Ozone NAAQS

Grand Rapids Limited Orphan Maintenance Area (Kent and Ottawa Counties)

April 29, 2022

Prepared by:
Michigan Department of Transportation
Statewide and Urban Travel Analysis Section
Van Wagoner Transportation Building
Lansing, MI 48909
WittlD@Michigan.gov
517-335-4620

in cooperation with

Grand Valley Metro Council (GVMC)
678 Front Ave. Northwest, Suite 200
Grand Rapids, MI 49504
616-776-3876
www.gvmc.org

Macatawa Area Coordinating Council (MACC)
301 Douglas Ave.
Holland, MI 49424
616-395-2688
www.the-macc.org

West Michigan Shoreline Regional Development Commission (WMSRDC)
316 Morris Ave.
Muskegon, MI 49440
231-722-7878
www.wmsrdc.org

TABLE OF CONTENTS

Executive Summary	3
1.0 Background	5
1.1 Transportation Conformity Process	5
1.2 Conformity Area	6
1.3 Attainment Status	6
2.0 Metropolitan Transportation Plan, or Long-Range Transportation Plan	7
3.0 Transportation Improvement Program.....	7
4.0 Transportation Conformity Determination: General Process.....	8
5.0 Transportation Conformity Requirements	9
5.1 Overview	9
5.2 Latest Planning Assumptions	10
5.3 Consultation Requirements	10
5.4 Timely Implementation of Transportation Control Measures	11
5.5 Fiscal Constraint.....	11
6.0 Conclusion.....	12
Appendix A: Meeting Summary of Interagency Workgroups.....	13
Appendix B: Public Comments and Responses	19
Appendix C: Projects Evaluated for Conformity	20

EXECUTIVE SUMMARY

As part of its transportation planning process, the Grand Valley Metro Council (GVMC), the West Michigan Metropolitan Transportation Planning Program (WestPlan), Macatawa Area Coordinating Council (MACC), and relevant portions of the State Transportation Improvement Plan (STIP) completed the transportation conformity process for the new 2023-2026 Transportation Improvement Programs (TIPs) as well as the GVMC 2045 Metropolitan Transportation Plan (MTP), and WestPlan 2045 Long-Range Transportation Plan (LRTP), and the MACC 2045 LRTP.

This report documents that the GVMC 2045 MTP, WestPlan 2045 LRTP, the MACC 2045 LRTP, and all three associated 2023-2026 TIPs, as well as the STIP in Ottawa County, meet the federal transportation conformity requirements in 40 CFR Part 93.

Clean Air Act (CAA) section 176(c) (42 U.S.C. 7506(c)) requires that federally funded or approved highway and transit activities are consistent with (“conform to”) the purpose of the State Implementation Plan (SIP). Conformity to the purpose of the SIP means that transportation activities will not cause or contribute to new air quality violations, worsen existing violations, or delay timely attainment of the relevant national ambient air quality standard (NAAQS) or any interim milestones, 42 U.S.C. 7506(c)(1). United States Environmental Protection Agency’s (EPA) transportation conformity rules establish the criteria and procedures for determining whether MTPs, TIPs, and federally supported highway and transit projects conform to the SIP, 40 CFR Parts 51.390 and 93.

On Feb. 16, 2018, the United States Court of Appeals for the District of Columbia Circuit in *South Coast Air Quality Mgmt. District v. EPA* (“*South Coast II*,” 882 F.3d 1138) held that transportation conformity determinations must be made in areas that were either nonattainment or maintenance for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. These conformity determinations were required in these areas after Feb. 16, 2019.

The Grand Rapids area (Kent and Ottawa Counties) was in maintenance at the time of the 1997 ozone NAAQS revocation on April 6, 2015, and was also designated attainment for the 2008 ozone NAAQS on May 21, 2012. It was also designated attainment for the 2015 ozone NAAQS on Aug. 3, 2018. Therefore, per the *South Coast II* decision, this conformity determination is being made for the 1997 ozone NAAQS on the MTPs and TIPs.

This conformity determination was completed consistent with CAA requirements, existing associated regulations at 40 CFR Parts 51.390 and 93, and the *South Coast II* decision, according to EPA's *Transportation Conformity Guidance for the South Coast II Court Decision* issued on Nov. 29, 2018.

1.0 BACKGROUND

1.1 TRANSPORTATION CONFORMITY PROCESS

The concept of transportation conformity was introduced in the CAA of 1977, which included a provision to ensure that transportation investments conform to a SIP for meeting the federal air quality standards. Conformity requirements were made substantially more rigorous in the CAA Amendments of 1990. The transportation conformity regulations that detail implementation of the CAA requirements were first issued in November 1993 and have been amended several times. The regulations establish the criteria and procedures for transportation agencies to demonstrate that air pollutant emissions from LRTPs, TIPs, and projects are consistent with (“conform to”) the state’s air quality goals in the SIP. This document has been prepared for state and local officials who are involved in decision-making on transportation investments.

Transportation conformity is required under CAA Section 176(c) to ensure that federally supported transportation activities are consistent with (“conform to”) the purpose of a state’s SIP. Transportation conformity establishes the framework for improving air quality to protect public health and the environment. Conformity to the purpose of the SIP means Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funding and approvals are given to highway and transit activities that will not cause new air quality violations, worsen existing air quality violations, or delay timely attainment of the relevant air quality standard, or any interim milestone.

1.2 CONFORMITY AREA

The conformity area consists of two counties: Kent and Ottawa. Within the boundary are the metropolitan planning organizations (MPOs) of GVMC (core city Grand Rapids), parts of the WestPlan (core city Muskegon), and MACC (core city Holland/Zeeland), as well as the rural projects contained in the STIP in Ottawa County.

Findings of the transportation conformity report are for transportation activities contained within the conformity area.

1.3 ATTAINMENT STATUS

On April 15, 2004, the EPA issued final designations of areas not attaining the 1997 ozone NAAQS. Kent and Ottawa Counties were designated a nonattainment area.

On May 16, 2007, the EPA redesignated the area attainment, approving and finding adequate motor vehicle emissions budgets for volatile organic compounds (VOC) and nitrogen oxides (NO_x) for the year 2018. The area was placed into maintenance; this requires conformity emissions to be compared to the motor vehicle emission budgets contained in the SIP.

On July 20, 2012, the EPA designated all of Michigan as attainment for the strengthened 2008 ozone NAAQS.

On July 20, 2013, the EPA partially revoked the 1997 ozone NAAQS, revoking the requirement to do transportation conformity for areas that were in maintenance.

On April 6, 2015, the EPA completely revoked the 1997 ozone NAAQS, which resulted in removal of all transportation conformity requirements.

On April 23, 2018, FHWA began requiring areas in the country to conduct conformity if they were a maintenance area for the 1997

ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. This was to comply with the court's decision in *South Coast II*. The Grand Rapids conformity area was one of these areas. Later, this was amended to require MPOs to have a conformity in place on Feb. 16, 2019, and conduct conformity going forward.

On Aug. 3, 2018, the EPA designated both Kent and Ottawa Counties as attainment for the strengthened 2015 ozone NAAQS.

On March 6, 2020, the EPA published a final rule effective April 6, 2020, that the Grand Rapids 1997 ozone maintenance area's second maintenance period will be a limited maintenance plan. Limited maintenance plan areas must show the design value to be well below the NAAQS and the area's levels of air quality are unlikely to violate the NAAQS in the future. Areas with limited maintenance plans are not required to conduct emission modeling for conformity.

2.0 METROPOLITAN TRANSPORTATION PLAN, OR LONG-RANGE TRANSPORTATION PLAN

The MTP, also referred to as an LRTP, is developed by the MPO to establish a long-term transportation plan. An MTP is federally required for MPOs to receive federal funding and must provide a 20-year (or longer) horizon. Plans are required to be updated every four to five years. The purpose of an MTP is to assess future needs of the area's transportation system and set goals to meet those needs. The planning process can enhance quality of life by fostering the mobility of people and freight in an effective and safe method. This conformity determination is for new TIPs.

3.0 TRANSPORTATION IMPROVEMENT PROGRAM

The TIP is a financially constrained four-year program covering the most immediate implementation priorities for transportation projects and strategies from the MTP.

The TIP identifies proposed projects developed by local agencies in accordance with the joint regulations of the FHWA and the FTA. These regulations establish the TIP as the programming phase of the overall continuing, comprehensive, and cooperative planning process. This planning process includes local jurisdictions, transit agencies, and state and federal transportation officials.

Findings of this transportation conformity report are for transportation activities contained within the conformity area. The GVMC, WestPlan, MACC, and the rural STIP are developing new 2023 to 2026 TIPs. This conformity report is to ensure that the new TIPs in the Grand Rapids maintenance area satisfy their obligation to the CAA. This analysis also includes all three areas' MTPs. This report evaluates transportation activities contained in:

- MACC 2045 LRTP in Ottawa County,
- MACC 2023-2026 TIP in Ottawa County,
- GVMC 2045 MTP,
- GVMC 2023-2026 TIP,
- WestPlan 2045 LRTP in Ottawa County,
- WestPlan 2023-2026 TIP in Ottawa County, and
- STIP projects in Ottawa County.

4.0 TRANSPORTATION CONFORMITY DETERMINATION: GENERAL PROCESS

Per the court's decision in *South Coast II*, beginning Feb. 16, 2019, a transportation conformity determination for the 1997 ozone NAAQS will be needed in 1997 ozone NAAQS nonattainment and maintenance areas identified by EPA¹ for certain transportation activities, including updated or amended MTPs

¹ The areas identified can be found in EPA's "Transportation Conformity Guidance for the South Coast II Court Decision," EPA-420-B-18-050, available on the web at <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P100VQME.pdf>.

and TIPs. FHWA/FTA made its 1997 ozone NAAQS conformity determination for the 2040 LRTPs and 2020-2023 TIPs on Sept. 17, 2019. Conformity will now be required no less frequently than every four years. This conformity determination report will address transportation conformity for the new 2023-2026 TIPs and rural STIP, as well as the 2045 MTPs for GVMC, WestPlan, and the MACC.

5.0 TRANSPORTATION CONFORMITY REQUIREMENTS

5.1 OVERVIEW

On Nov. 29, 2018, EPA issued the **Transportation Conformity Guidance for the South Coast II Court Decision**² (EPA-420-B-18-050, November 2018) that addresses how transportation conformity determinations can be made in areas that were nonattainment or maintenance for the 1997 ozone NAAQS when the 1997 ozone NAAQS was revoked but were designated attainment for the 2008 ozone NAAQS in EPA's original designations for this NAAQS (May 21, 2012). The area was designated attainment for the 2008 ozone NAAQS on May 21, 2012, and Aug. 3, 2018, for the 2015 ozone NAAQS.

The transportation conformity regulation at 40 CFR 93.109 sets forth the criteria and procedures for determining conformity. The conformity criteria for MTPs and TIPs includes: latest planning assumptions (93.110), latest emissions model (93.111), consultation (93.112), transportation control measures (93.113(b) and (c)), and emissions budget and/or interim emissions (93.118 and/or 93.119).

For the 1997 ozone NAAQS areas, transportation conformity for MTPs and TIPs for the 1997 ozone NAAQS can be demonstrated without a regional emissions analysis, per 40 CFR 93.109(c). This provision states that the regional emissions analysis requirement applies one year after the effective date of EPA's nonattainment

² Available from <https://www.epa.gov/sites/production/files/2018-11/documents/420b18050.pdf>

designation for an NAAQS and until the effective date of revocation of such NAAQS for an area. The 1997 ozone NAAQS revocation was effective on April 6, 2015, and the *South Coast II* court upheld the revocation. As no regional emission analysis is required for this conformity determination, there is no requirement to use the latest emissions model, or budget or interim emissions tests.

Therefore, transportation conformity for the 1997 ozone NAAQS for the GVMC 2045 MTP, WestPlan 2045 LRTP, MACC 2045 LRTP, all three 2023-2026 TIPs, and the rural STIP in Ottawa County can be demonstrated by showing the remaining requirements in Table 1 in 40 CFR 93.109 have been met. These requirements, which are laid out in Section 2.4 of EPA's guidance and addressed below, include:

- Latest planning assumptions (93.110),
- Consultation (93.112),
- Transportation Control Measures (93.113), and
- Fiscal constraint (93.108).

5.2 LATEST PLANNING ASSUMPTIONS

The use of latest planning assumptions in 40 CFR 93.110 of the conformity rule generally apply to regional emissions analysis. In the 1997 ozone NAAQS areas, the use of the latest planning assumptions requirement applies to assumptions about transportation control measures (TCMs) in an approved SIP.

The Michigan SIP does not include any TCMs (see also Section 5.4).

5.3 CONSULTATION REQUIREMENTS

The consultation requirements in 40 CFR 93.112 were addressed both for interagency consultation and public consultation.

Interagency consultation was conducted with MACC, WestPlan, GVMC, the Michigan Department of Transportation (MDOT), the Michigan Department of Environment, Great Lakes, and Energy

(EGLE), FHWA, FTA, and EPA. A summary of the Michigan Transportation Interagency Workgroup (MITC-IAWG) meeting on April 14, 2022, and relevant interagency consultation correspondence related to this conformity is in Appendix A. Interagency consultation was conducted consistent with Michigan's conformity SIP.

Public consultation will be conducted consistent with planning rule requirements in 23 CFR 450. The Public Participation Plan adopted by the MPO Policy Committee establishes the procedures by which the MPOs reach affected public agencies and the public. The same procedures were followed for this document, ensuring the public has an opportunity to review and comment before the MPOs make a determination.

A formal public comment period for this draft conformity report was held from May 2 to May 16, 2022, for GVMC and from May 10 to 24, 2022, for WestPlan and May 11 to 25, 2022, for the MACC. Public comments received and responses to those comments are in Appendix B.

The GVMC Policy Committee will make a formal conformity determination through a resolution on May 18, 2022.

The WestPlan Policy Committee will make a formal conformity determination through a resolution on June 15, 2022.

The MACC Policy Committee will make a formal conformity determination through a resolution on June 6, 2022.

5.4 TIMELY IMPLEMENTATION OF TRANSPORTATION CONTROL MEASURES

The Michigan SIP does not include any TCMs.

5.5 FISCAL CONSTRAINT

Transportation conformity requirements in 40 CFR 93.108 state that transportation plans and TIPs must be fiscally constrained consistent with the metropolitan planning regulations at 23 CFR part 450. The LRTPs and 2023-2026 TIPs are fiscally constrained, as demonstrated in:

- GVMC 2045 MTP, Chapter 7 Funding the Vision,

- GVMC 2023-2026 TIP, Financial Plan
- WestPlan 2045 LRTP, Financial Resources Analysis,
- WestPlan 2023-2026 TIP, Financial Analysis
- MACC 2045 LRTP, Chapter 11 Financial Resources Analysis,
- MACC 2023-2026 TIP, Financial Plan, and
- 2023-2026 STIP, for Ottawa County.

6.0 CONCLUSION

The conformity determination process completed for the GVMC 2045 MTP, WestPlan 2045 LRTP, MACC 2045 LRTP, all three 2023-2026 TIPs, and the 2023-2026 STIP for Ottawa County demonstrates that these planning documents meet the CAA and Transportation Conformity rule requirements for the 1997 ozone NAAQS.

Appendix A: Meeting Summary of Interagency Workgroups
Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG) for:
Allegan County 2015 Ozone Nonattainment Area,
Muskegon County 2015 Ozone Nonattainment Area and
Grand Rapids (Kent and Ottawa Counties) Limited Orphan Maintenance Area
For New 2023 - 2026 TIPs and Rural STIP
1-3 p.m. Thursday, April 14, 2022

Members and partners attended by video conference by Teams.

Agency	Name	In attendance
EPA	Michael Leslie	yes
FHWA for MACC, WestPlan, and GVMC	Andrew Sibold	yes
FTA for Grand Rapids and rural area	Susan Weber	no
FTA for MACC and WestPlan	Rena Redic	no
	Stewart McKenzie	no
EGLE	Breanna Bukowski	yes
MDOT Conformity	Donna Wittl	yes
MDOT SPS for MACC, WestPlan, and GVMC	Luke Walters	yes
MDOT SPS Supervisor	Jeff Franklin	yes, also represented STIP
MACC MPO	Alec Miller	yes
	Jason Latham	yes
WestPlan MPO	Amy Haack	yes
	Brian Mulnix	yes
	Joel Fitzpatrick	yes
GVMC MPO	Andrea Faber	yes
	Laurel Joseph	no
	George Yang	yes
	Mike Zonyk	yes
MDOT STIP	Mark Kloha	no
MDOT- Grand Region	Tyler Kent	yes
	Dennis Kent	no
	Bill Loehle	no
	Susan Rozema	no
MDOT project level	Brad Peterson	no
MDOT SUTA modeling GVMC	Daniela Khavajian	no
MDOT SUTA modeling WestPlan	Ryan Gladding	yes
MDOT SUTA modeling MACC	Jon Roberts	yes
MDOT OPT Allegan	Fred Featherly	yes
MDOT OPT Muskegon and Ottawa	Heather Bowden	no
MDOT OPT Kent	Janet Arcuicci	no

Members and partners introduced themselves to the group.

The group discussed projects in the new 2023 to 2026 Transportation Improvement Programs (TIPs) and State Transportation Improvement Program (STIP). The same meeting summary is used for all three conformity areas.

Allegan County nonattainment area:

The group discussed a new analysis will be needed. Analysis years were discussed and decided. Listed below are the year and reason selected. The group agreed the 2023 year could be interpolated.

Base year of travel demand models: 2015

Attainment year for the 2015 ozone national ambient air quality standard (NAAQS): 2023

Interim year (thus, analysis years are not more than 10 years apart): 2025

Interim year (thus, analysis years are not more than 10 years apart): 2035

Last year of the Metropolitan Transportation Plan (MTP): 2045

The group discussed projects in the Macatawa Area Coordinating Council (MACC) area for both Allegan and Ottawa Counties. Projects on preliminary review were deemed exempt. At the meeting, job number 214789 was discussed as a “left-turn lane” over a half-mile and with this description it was deemed non-exempt. After the meeting, further review showed the previous description was incomplete. It was adding a “continuous left center turn lane,” which is exempt if a mile or less. However, the project was added to the travel demand model during the previous conformity analysis for the 2045 MTP, because all projects that can be modeled are modeled if a new conformity analysis is required. The group agreed all projects were exempt for the MACC area in Allegan County and Ottawa County (for the Grand Rapids Limited Orphan Maintenance Area (LOMA)). The group also agreed the projects in the rural STIP in Allegan County were exempt.

Muskegon County nonattainment area:

The group discussed and agreed that the same analysis years decided for Allegan County would be used for the Muskegon County nonattainment area. The group discussed West Michigan Metropolitan Transportation Planning Program (WestPlan) projects in Muskegon County and Ottawa County (for Grand Rapids LOMA) and agreed with the preliminary finding that all projects, except one, was exempt. The group discussed the one non-exempt project and determined it should be modeled for an open-to-traffic date of 2030. It is in the current TIP so it can be moved to future TIPs.

Allegan and Muskegon modeling assumptions for conformity analyses:

The group discussed using MOVES2014b and MOVES3. It was decided MOVES2014b would be used. There would be no changes to the MOVES inputs besides vehicle miles of travel (VMT), vehicle hours of

travel (VHT) and speeds from the last conformity analyses. Urban travel demand models will be used for the metropolitan planning organization (MPO) areas, and the statewide model used for the rural area in Allegan County.

Grand Rapids Limited Orphan Maintenance Area:

The Grand Rapids Limited Orphan Maintenance Area (LOMA) for the 1997 ozone NAAQS can demonstrate regional conformity without an emission analysis. Transportation conformity can be demonstrated by showing the other requirements are met. The group discussed the projects and those that were preliminarily thought to be non-exempt and determined all but one was exempt. The rural STIP projects in Ottawa County were discussed and the group agreed all projects were exempt.

GVMC brought 10 new nonmotorized projects to the meeting. Each project was discussed by the group. All but one project was considered exempt. One project required further information because it might be reducing lanes. On reviewing the project after the meeting, it was determined the project was going to remove one lane for a quarter of a mile. The road is a two-lane, one-way street. The road diet questionnaire was filled out and sent to the MITC-IAWG, per policies on road diets, to concur with GVMC and MDOT's opinion that this road diet should be exempt. The group concurred. All 10 projects were sent to the MITC-IAWG if they wanted to review them further. For more details see Additional MITC-IAWG Meeting after this one.

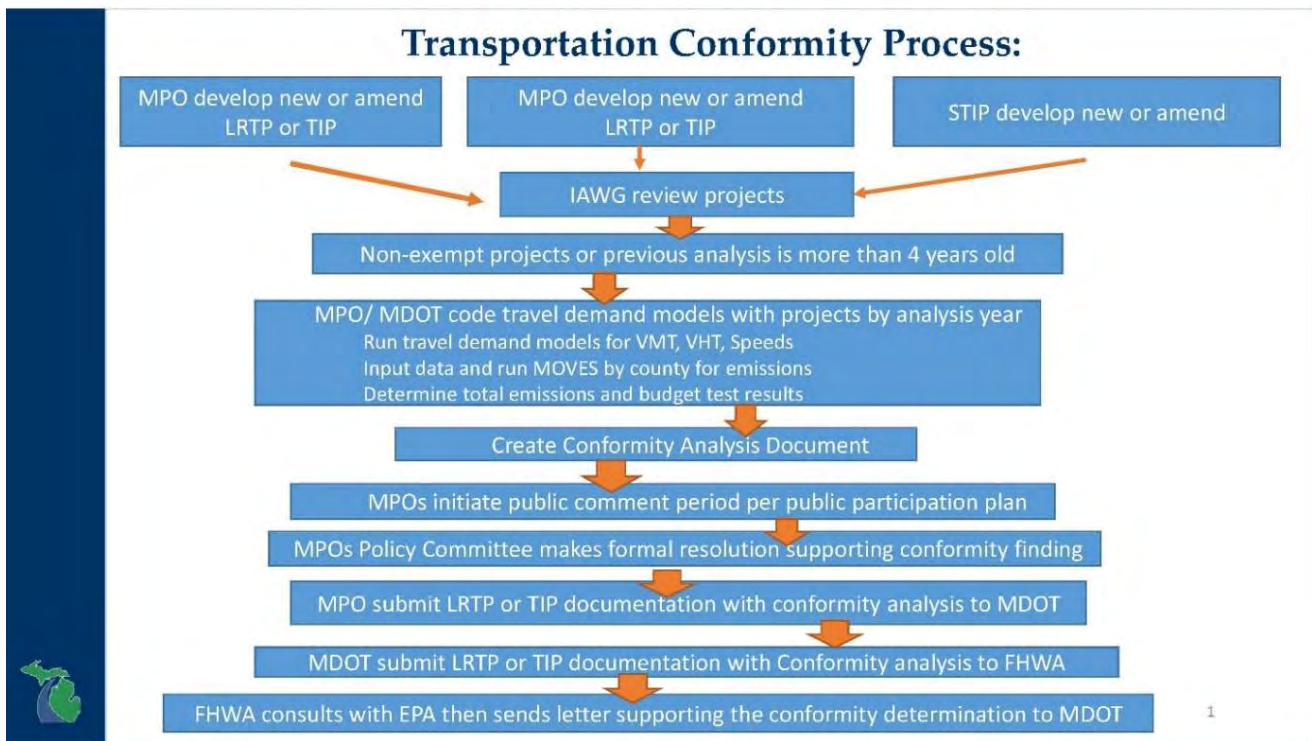
Other discussion topics:

The group discussed that the classification for both the Allegan and Muskegon 2015 ozone nonattainment areas will be changed from marginal to moderate because the areas did not attain the 2015 ozone NAAQS standard by August 2021. The Environmental Protection Agency (EPA) provided the link to the proposed rule which was published in the Federal Register on April 13, 2022. Link provided below.

<https://www.federalregister.gov/documents/2022/04/13/2022-07513/determinations-of-attainment-by-the-attainment-date-extensions-of-the-attainment-date-and>

The WestPlan staff indicated they have invited an individual from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to discuss with businesses what this means for them. It was suggested this would be good for the MACC and the MPOs in Berrien County, too.

It was requested the steps in the conformity process be described. The steps were described as depicted in the image below. Picture being used here to provide clarity.



The group discussed the idea of the MITC-IAWG only reviewing projects at the construction phase. Phases such as PE, EPE, ROW, NI, etc. would not be reviewed. The WestPlan staff thought this would make the process less confusing. All federal partners will need to agree because certain phases affect different federal partners, like the Federal Transit Administration (FTA). MDOT will draft an e-mail to the Federal Highway Administration (FHWA) so the idea can be presented to FHWA headquarters.

Additional MITC-IAWG Meeting:

An e-mail request for additional review was sent to the MITC-IAWG on Monday, April 18, 2022, to get concurrence for the exempt status for the road diet on Turner Avenue NW. Responses were received from FHWA, EGLE, MDOT, WestPlan, GVMC, and the MACC, all concurring with the exempt status. Attached below is the initial e-mail and road diet questionnaire.

Wittl, Donna (MDOT)

From: Wittl, Donna (MDOT)
Sent: Monday, April 18, 2022 4:43 PM
To: leslie.michael@epa.gov; Sibold, Andrew (FHWA); Weber, Susan (FTA); rena.redic@dot.gov; Stewart.Mckenzie; Bukowski, Breanna (EGLE); Walters, Luke (MDOT); Franklin, Jeff (MDOT); Alec Miller; Amy Haack (Muskegon MPO); bmulnix; jfitzpatrick@wmsrdc.org; andrea.faber@gvmc.org; Laurel Joseph; George Yang; Kloha, Mark (MDOT); Kent, Tyler (MDOT); Kent, Dennis (MDOT); Loehle, William (MDOT); Rozema, Susan (MDOT); Peterson, Brad (MDOT); Khavajian, Daniela (MDOT); Gladding, Ryan (MDOT); Roberts, Jonathan (MDOT); Featherly, Fred (MDOT); Bowden, Heather (MDOT); Arcuicci, Janet (MDOT); Jason Latham; Ignasiak, Christina (FHWA)
Subject: Additional review of project for MITC-IAWG April 14 Meeting
Attachments: Road Diet Questionnaire_TurnerBikeway2026 Grand Rapids.docx; GVMC Projects Additional Projects new 23 to 26 TIP.xlsx

Greetings MITC-IAWG Members and Partners for:

Allegan County Nonattainment Area
Muskegon County Nonattainment Area
Grand Rapids Limited Orphan Maintenance Area

At the April 14 meeting the group reviewed and discussed several non-motorized projects brought by GVMC. One of the projects, that does not have a Job number, in the City of Grand Rapids was thought to be reducing through lanes. Clarification was obtained on this project; the project will remove one through lane for $\frac{1}{4}$ of a mile on Turner Ave NW. Turner Ave NW is a one-way street. Given the current policies of the interagency workgroup this project is nonexempt unless the group determines the project is exempt given the information provided on the road diet questionnaire. The MPO and MDOT believe this road diet project should be classified as exempt given the road diet questionnaire attached.

Also attached is the spreadsheet with the 10 projects GVMC brought to the meeting with air quality marked. Project in yellow is for the above-mentioned road diet.

Please review the attached road diet questionnaire and reply to this email with "concur" if you agree with the recommendation. Please use "reply to all. Responses due by **Monday April 25, 2022.**

Also, job number 214789, project within the MACC project list, was discussed at length with a description of left turn lane and the group classified it as such as non-exempt. The correct description should have been continuous left center turn lane. As such the project is exempt. The project was modeled in the LRTP air quality runs and thus has been modeled and will continue to be modeled.

Thanks for your participation,
Donna
Donna Wittl
Air Quality Conformity Specialist
Statewide & Urban Travel Analysis Section
Michigan Department of Transportation
517-335-4620
WittlD@Michigan.gov

GVMC Road Diet Questionnaire

Click "Enable Editing" to begin filling out this form. You may save this form at any time.

Applicant Information			
Agency Name	City of Grand Rapids		
Contact Name	Kristin Bennett	Title	Transportation Engineering Projects Manager
Phone Number	616.456.3753	Email	krbennett@grand-rapids.mi.us

Project Information			
Project Name/Road Name	Turner Avenue/Mt. Vernon Avenue/2 nd St		
Project Limits	Turner Ave NW between 4th St NW to Bridge St NW, Mount Vernon Ave NW between Bridge St NW and Pearl St NW, and 2nd St NW between Turner Ave NW and Stocking Ave NW		
Project Length (nearest hundredth of a mile)	1.00	Proposed Year of construction	2026
Project Description (Please provide major work items including sidewalks, utility work, ADA upgrades etc.)	<p>Construction of bicycle facilities to provide two-way bicycle facilities with connections to existing bicycle facilities on Turner Ave north of 4th St, 4th St west of Turner Ave, and Pearl St/Lake Michigan Dr west of Mount Vernon and connections to planned bicycle facilities on Mount Vernon Ave south of Pearl St, Stocking Ave north of 2nd St, 1st/2nd St west of Stocking Ave, and Pearl St east of Mount Vernon.</p> <p>Turner Ave currently at this location is a one-way street with two through lanes. one excess travel lane will be removed on Turner between 3rd and Bridge (only ¼ mile in length). No other travel lanes will be impacted by the project.</p>		

Traffic Volume			
What is the most current AADT the limits of this project?	2,642 (on the road diet section)	Year of Traffic Volume	2018
Estimate/Actual Count	<input checked="" type="checkbox"/> Count <input type="checkbox"/> Estimate	Source: GVMC Count Database	
In the most recent travel demand model what traffic volume is estimated in 2045	2,485		

Existing and Proposed Roadway Design				
	Existing		Proposed	
Number of Lanes	Through Traffic Lanes	Center Turn Lane	Through Traffic Lanes	Center Turn Lane
	2	0	1	0
Lane With (ft.)	11		12	
Shoulder Surface	<input checked="" type="checkbox"/> Paved <input type="checkbox"/> Unpaved	Width (ft.)	<input checked="" type="checkbox"/> Paved <input type="checkbox"/> Unpaved	Width (ft.)
On road bicycle facilities	<input checked="" type="checkbox"/> Bike Lane <input type="checkbox"/> Other (specify) _____ <input checked="" type="checkbox"/> Sharrows _____ <input type="checkbox"/> Wide Shoulders <input checked="" type="checkbox"/> None		<input checked="" type="checkbox"/> Bike Lane <input checked="" type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Sharrows Two-way Bikeway <input type="checkbox"/> Wide Shoulders <input type="checkbox"/> None	
Please describe any improvements being made as part of this project to crosswalks, signage or signals, or streetscape elements not discussed in project description				

Appendix B: Public Comments and Responses

Appendix C: Projects Evaluated for Conformity

Attached are all the projects evaluated at the April 14, 2022, MITC-IAWG. The projects evaluated for GVMC, WestPlan, MACC, and rural STIP within Kent and Ottawa Counties are being evaluated in this conformity report.

The list of projects starts on following page.

MACC Project List for 2023-2016 TIP for Allegan and Ottawa Counties

Fiscal Year	Job Type	Job#	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	Air Quality	Air Quality Comment
2023	Local	206323	Allegan	ACRC	136th Ave	58th Street to 50th Street	4.000	Road Rehabilitation	Resurfacing	CON	\$160,000	\$0	\$40,000	\$200,000	HIC	\$700,000.00	exempt	
2023	Local	206323	Allegan	ACRC	136th Ave	58th Street to 50th Street	4.000	Road Rehabilitation	Resurfacing	CON	\$400,000	\$0	\$100,000	\$500,000	STUL	\$700,000.00	exempt	
2023	Local	206346	Allegan	ACRC	Blue Star Hwy	Blue Star Hwy	0.824	New Facilities	Non-Motorized Pathway	CON	\$400,000	\$0	\$508,264	\$908,264	CM	\$908,264.00	exempt	
2026	Local	214775	Allegan	ACRC	136th Ave	50th Street to M-40	1.220	Road Rehabilitation	Resurfacing	CON	\$365,750	\$0	\$1,334,250	\$1,700,000	STUL	\$1,700,000.00	exempt	
2025	Local	214776	Allegan	ACRC	48th St	142nd Avenue to Ottogan Street	2.782	Road Capital Preventive Maintenance	Resurfacing	CON	\$396,667	\$0	\$226,583	\$623,250	STUL	\$623,250.00	exempt	
2024	Local	214789	Allegan	ACRC	Blue Star Hwy	500' S of 142nd Avenue to 143rd Avenue	0.599	Road Rehabilitation	Resurfacing and the addition of a continues left center turn lane. The proposed cross section would consist of 3 11' wide lanes, 6' paved shoulders, and 1.5' gravel shoulder.	CON	\$170,333	\$0	\$629,667	\$800,000	STUL	\$800,000.00	exempt	Left center turn lanes of a mile or less are exempt. Modeled in travel demand model.
2023	Local	206322	Allegan	Holland	Waverly Rd	Waverly at M-40	0.100	Traffic Safety	Intersection Improvement	CON	\$32,127	\$0	\$42,873	\$75,000	HIC	\$300,000.00	exempt	adding second left turn lane. One project different funding sources
2023	Local	206322	Allegan	Holland	Waverly Rd	Waverly at M-40	0.100	Traffic Safety	Intersection Improvement	CON	\$175,000	\$0	\$50,000	\$225,000	STUL	\$300,000.00	exempt	adding second left turn lane. One project different funding sources
2024	Local	215242	Ottawa	Holland	Columbia Ave	10th Street to 24th Street	0.907	Reconstruction	Reconstruction	CON	\$994,334	\$0	\$3,005,666	\$4,000,000	STUL	\$4,000,000.00	exempt	
2026	Local	215249	Ottawa	Holland	Waverly Rd	Chicago Drive to 16th Street	0.996	Road Rehabilitation	Resurfacing	CON	\$495,750	\$0	\$1,004,250	\$1,500,000	STUL	\$1,500,000.00	exempt	
2023	Local	206345	Ottawa	Holland Twp	Greenly St	Greenly Street: 120th-112th	1.020	New Facilities	Non-Motorized Pathway	CON	\$67,866	\$0	\$16,967	\$84,833	CRSM	\$503,000.00	exempt	
2023	Local	206345	Ottawa	Holland Twp	Greenly St	Greenly Street: 120th-112th	1.020	New Facilities	Non-Motorized Pathway	CON	\$132,134	\$0	\$286,033	\$418,167	CM	\$503,000.00	exempt	
2023	Local	206313	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2023	Local	206344	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Program	NI	\$35,000	\$0	\$10,000	\$45,000	CM	\$45,000.00	exempt	
2024	Local	214514	Ottawa	MACC	Douglas Ave	Area-Wide (MACC office, 301 Douglas Ave.)	0.000	Planning, Research & Design	Clean Air Action Program (10/01/2023 - 09/30/2024)	NI	\$20,000	\$0	\$5,000	\$25,000	CM	\$25,000.00	exempt	
2025	Local	214519	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Action Program (10/01/2024 - 09/30/2025)	NI	\$20,000	\$0	\$5,000	\$25,000	CM	\$25,000.00	exempt	
2026	Local	214521	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Action Program (10/01/2025 - 09/20/2026)	NI	\$20,000	\$0	\$5,000	\$25,000	CM	\$25,000.00	exempt	
2024	Local	215447	Ottawa	MACC	Areawide	Areawide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2025	Local	215453	Ottawa	MACC	Areawide	Areawide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2026	Local	215454	Ottawa	MACC	Areawide	Areawide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY23 - 5307 Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	1110-Bus Rolling Stock	FY23 - 5307 Transit Capital Items	NI	\$224,000	\$56,000	\$0	\$280,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY23 - 5307 Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY23 - 5307 Transit Capital Items	NI	\$16,000	\$4,000	\$0	\$20,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1404-computers (hardware and software)	FY23 - 5307 Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207582	Ottawa	MAX	Transit Operating	MAX Service Area	0.000	SP3000-operating except JARC and New Freedom	Operating	NI	\$1,210,474	\$1,640,827	\$1,210,474	\$4,061,775	5307	\$4,061,775.00	exempt	
2023	Multi-Modal	207584	Ottawa	MAX	Transit Operating	MAX Service Area	0.000	6470-New Freedom Projects	Twilight & Night Owl	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2023	Multi-Modal	207585	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	6410-5310 Projects	Mobility Management	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2023	Multi-Modal	207588	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1101-<30 foot replacement bus with or without lift	Bus Replacement	NI	\$144,000	\$36,000	\$0	\$180,000	5339	\$180,000.00	exempt	
2024	Multi-Modal	214523	Ottawa	MAX	Lincoln Ave	Area-Wide	0.000	SP1409-administrative vehicle	FY 2024 CMAQ: Two <30 foot replacement buses and one administrative vehicle	NI	\$40,000	\$10,000	\$0	\$50,000	CM	\$251,845.00	exempt	
2024	Multi-Modal	214523	Ottawa	MAX	Lincoln Ave	Area-Wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2024 CMAQ: Two <30 foot replacement buses and one administrative vehicle	NI	\$161,476	\$40,369	\$0	\$201,845	CM	\$251,845.00	exempt	
2026	Multi-Modal	214524	Ottawa	MAX	Lincoln Ave	Area-Wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2026 CMAQ: One <30 foot replacement bus with or without lift	NI	\$210,424	\$52,606	\$0	\$263,030	CM	\$263,030.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$12,000	\$3,000	\$0	\$15,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1409-administrative vehicle	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$18,000	\$4,500	\$0	\$22,500	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$190,296	\$47,574	\$0	\$237,870	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1404-computers (hardware and software)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1106-<30 foot expansion bus with or without lift	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$393,878	\$98,469	\$0	\$492,347	5307	\$797,717.00	exempt	

MACC Project List for 2023-2016 TIP for Allegan and Ottawa Counties

Fiscal Year	Job Type	Job#	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	Air Quality	Air Quality Comment
2024	Multi-Modal	214585	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY24 5339: Bus Replacement	NI	\$132,061	\$33,015	\$0	\$165,076	5339	\$165,076.00	exempt	
2024	Multi-Modal	214587	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	6410-5310 Projects	FY 2024 Section 5310: Mobility Management	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2024	Multi-Modal	214588	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	6470-New Freedom Projects	FY 2024 Section 5310: Twilight & Night Owl	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2024	Multi-Modal	214589	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	3000-Operating Assistance	FY 2024 Section 5307: Transit Operating Assistance	NI	\$1,927,000	\$1,641,000	\$566,000	\$4,134,000	5307	\$4,134,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	5307: FY26 Bus Replacement	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	5307: FY26 Bus Replacement	NI	\$12,000	\$3,000	\$0	\$15,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	5307: FY26 Bus Replacement	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	5307: FY26 Bus Replacement	NI	\$192,800	\$48,200	\$0	\$241,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	5307: FY26 Bus Replacement	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215665	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP3000-operating except JARC and New Freedom	5307: FY26 Transit Operating Assistance	NI	\$1,322,716	\$1,640,827	\$1,322,716	\$4,286,259	5307	\$4,286,259.00	exempt	
2026	Multi-Modal	215739	Ottawa	MAX	Lincoln Ave	Areawide	0.000	6470-New Freedom Projects	FY26 5310 NF Operating	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2026	Multi-Modal	215747	Ottawa	MAX	Transit Capital	Areawide	0.000	6410-5310 Projects	5310: FY26 Mobility Management	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2026	Multi-Modal	215748	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY26 5339 - Transit Capital	NI	\$132,061	\$33,015	\$0	\$165,076	5339	\$165,076.00	exempt	
2024	Multi-Modal	215787	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY24 Carbon Reduction - SP1101 partial <30 foot replacement bus	NI	\$91,213	\$22,803	\$0	\$114,016	CRSM	\$114,016.00	exempt	
2026	Multi-Modal	215793	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY26 Carbon Reduction - SP1101 partial <30 foot replacement bus	NI	\$82,265	\$20,566	\$0	\$102,831	CRSM	\$102,831.00	exempt	
2025	Multi-Modal	215871	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP3000-operating except JARC and New Freedom	FY25 - 5307 - SP3000 Transit Operating	NI	\$1,284,191	\$1,640,827	\$1,284,191	\$4,209,209	5307	\$4,209,209.00	exempt	
2025	Multi-Modal	215873	Ottawa	MAX	Lincoln Ave	Areawide	0.000	6470-New Freedom Projects	FY25 - 5310 - 6470 Transit Operating	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2026	Multi-Modal	215874	Ottawa	MAX	Lincoln Ave	Areawide	0.000	6410-5310 Projects	FY25 - 5310 Transit Capital 6410-5310	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY25 - 5307 - Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY25 - 5307 - Transit Capital Items	NI	\$162,893	\$40,723	\$0	\$203,616	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1404-computers (hardware and software)	FY25 - 5307 - Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY25 - 5307 - Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY25 - 5307 - Transit Capital Items	NI	\$12,000	\$3,000	\$0	\$15,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215896	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY25 - 5339 - SP1101 Transit Capital (to replace)	NI	\$132,061	\$33,015	\$0	\$165,076	5339	\$165,076.00	exempt	
2023	Trunkline	204951	Kent	MDOT	Regionwide	Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	CON	\$45,570	\$5,063	\$0	\$50,633	HSIP	\$722,541.00	exempt	
2024	Trunkline	205235	Ottawa	MDOT	I-96	I-196 in Ottawa and Allegan	34.885	ITS Applications	Rural Freeway Traffic Management systems	CON	\$1,058,565	\$234,734	\$0	\$1,293,299	NH	\$4,519,584.00	exempt	
2023	Trunkline	207358	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$2,860,000.00	exempt	
2023	Trunkline	207358	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$323,190	\$35,910	\$0	\$359,100	HSIP	\$2,860,000.00	exempt	
2023	Trunkline	207359	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$500,000.00	exempt	
2023	Trunkline	207359	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$55,566	\$6,174	\$0	\$61,740	HSIP	\$500,000.00	exempt	
2023	Trunkline	207375	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2024	Trunkline	207384	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$3,110,000.00	exempt	
2024	Trunkline	207384	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$351,540	\$39,060	\$0	\$390,600	HSIP	\$3,110,000.00	exempt	
2024	Trunkline	207385	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$500,000.00	exempt	
2024	Trunkline	207385	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$55,566	\$6,174	\$0	\$61,740	HSIP	\$500,000.00	exempt	
2024	Trunkline	207399	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2023	Trunkline	207962	Allegan	MDOT	M-40	Reimink Street north to 52nd Street	4.125	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$590,139	\$130,862	\$0	\$721,000	NH	\$746,000.00	exempt	
2025	Trunkline	209616	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$2,960,000.00	exempt	
2025	Trunkline	209616	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$334,530	\$37,170	\$0	\$371,700	HSIP	\$2,960,000.00	exempt	
2025	Trunkline	209617	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$475,000.00	exempt	
2025	Trunkline	209617	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$52,731	\$5,859	\$0	\$58,590	HSIP	\$475,000.00	exempt	
2025	Trunkline	209631	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	2.868	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2023	Trunkline	210058	Ottawa	MDOT	I-196 BL	From US-31 east to I-196	4.940	Road Rehabilitation	Inlay	CON	\$23,327,250	\$5,125,678	\$47,072	\$28,500,000	NH	\$30,500,000.00	exempt	

MACC Project List for 2023-2016 TIP for Allegan and Ottawa Counties

Fiscal Year	Job Type	Job#	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	Air Quality	Air Quality Comment
2026	Trunkline	213275	Kent	MDOT	Regionwide	All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$2,960,000.00	exempt	
2026	Trunkline	213275	Kent	MDOT	Regionwide	All trunkline routes in Grand Region, All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	CON	\$334,530	\$37,170	\$0	\$371,700	HSIP	\$2,960,000.00	exempt	
2026	Trunkline	213339	Kent	MDOT	Regionwide	All trunkline routes in MACC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$900,000.00	exempt	
2026	Trunkline	213339	Kent	MDOT	Regionwide	All trunkline routes in MACC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	CON	\$100,926	\$11,214	\$0	\$112,140	HSIP	\$900,000.00	exempt	
2026	Trunkline	213366	Kent	MDOT	Grand Region Regionwide Pvmr Mrkg Retro Readings	All of MACC MPO	14.886	Traffic Safety	Pvmr mrkg retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2024	Trunkline	214189	Muskegon	MDOT	Regionwide	US-31, I-196 at 32nd	0.000	Traffic Safety	Modernize signalized intersections	PE	\$51,494	\$0	\$0	\$51,494	STG	\$2,256,614.00	exempt	
2026	Trunkline	214189	Muskegon	MDOT	Regionwide	US-31, I-196 at 32nd	0.000	Traffic Safety	Modernize signalized intersections	ROW	\$3,333	\$0	\$0	\$3,333	STG	\$2,256,614.00	exempt	
2024	Trunkline	214956	Allegan	MDOT	I-196	I-196 over the CSX Railroad	0.000	Bridge Rehabilitation	Substructure Repairs	CON	\$3,240,000	\$360,000	\$0	\$3,600,000	BFPI	\$4,100,000.00	exempt	
2023	Local	206128	Ottawa	OCRC	64th Ave	Byron Rd. to Chicago Dr. (M-121)	1.900	Road Capital Preventive Maintenance	Resurfacing and paved shoulders	CON	\$370,000	\$0	\$360,000	\$730,000	STUL	\$730,000.00	exempt	
2023	Local	206145	Ottawa	OCRC	8th Street/Chicago Drive	US-31 to Chicago Drive, 8th Street to US-31	1.250	Road Capital Preventive Maintenance	Resurfacing	CON	\$700,000	\$0	\$275,000	\$975,000	STUL	\$975,000.00	exempt	
2025	Local	214268	Ottawa	OCRC	152nd Ave	152nd Avenue from Butternut Drive to Quincy Street	0.526	New Facilities	New non-motorized pathway	CON	\$205,906	\$0	\$75,615	\$281,521	CM	\$390,000.00	exempt	
2025	Local	214268	Ottawa	OCRC	152nd Ave	152nd Avenue from Butternut Drive to Quincy Street	0.526	New Facilities	New non-motorized pathway	CON	\$86,783	\$0	\$21,696	\$108,479	CRSM	\$390,000.00	exempt	
2026	Local	214812	Ottawa	OCRC	Port Sheldon St	120th Avenue to 96th Avenue	2.998	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$58,923	\$0	\$58,923	EDD	\$1,050,000.00	exempt	
2026	Local	214812	Ottawa	OCRC	Port Sheldon St	120th Avenue to 96th Avenue	2.998	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$718,000	\$0	\$273,077	\$991,077	STL	\$1,050,000.00	exempt	
2025	Local	214927	Ottawa	OCRC	120th Ave	Taylor Street to Fillmore Street	0.973	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$239,333	\$0	\$91,026	\$330,359	STL	\$350,000.00	exempt	
2025	Local	214927	Ottawa	OCRC	120th Ave	Taylor Street to Fillmore Street	0.973	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$19,641	\$0	\$19,641	EDD	\$350,000.00	exempt	
2026	Local	214974	Ottawa	OCRC	Port Sheldon St	120th Avenue Intersection	2.505	Traffic Safety	Roundabout	CON	\$365,750	\$0	\$584,250	\$950,000	STUL	\$950,000.00	exempt	exempt-intersection channelization project
2026	Local	215125	Ottawa	OCRC	Butternut Drive	Lakewood Boulevard to Riley Street	1.830	Road Capital Preventive Maintenance	Resurfacing	CON	\$495,750	\$0	\$304,250	\$800,000	STUL	\$800,000.00	exempt	
2024	Local	215164	Ottawa	OCRC	Riley St	US 131 to 112th Avenue	1.789	Road Capital Preventive Maintenance	Resurfacing	CON	\$494,333	\$0	\$205,667	\$700,000	STUL	\$700,000.00	exempt	
2025	Local	215172	Ottawa	OCRC	Riley St	112th Avenue to 96th Avenue	1.993	Road Capital Preventive Maintenance	Resurfacing	CON	\$496,666	\$0	\$343,334	\$840,000	STUL	\$840,000.00	exempt	
2025	Local	215254	Ottawa	Zeeland	S Church St	Washington Avenue to Central Avenue	0.233	Reconstruction	Reconstruction	CON	\$796,667	\$0	\$1,471,033	\$2,267,700	STUL	\$2,267,700.00	exempt	

Allegan County Project List for Rural STIP 2023 to 2026

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Air Quality	Air Quality Comment
2023	Local	207033	Local Road	Rural	Allegan	Allegan County	106th Ave	106th Avenue & Marsh Road from 10th Street to Barry County Line	6.679	Road Rehabilitation	Asphalt pavement Repair, Resurface with HMA	CON	\$0	\$173,039	\$0	\$173,039	EDD	exempt	
2023	Local	207033	Local Road	Rural	Allegan	Allegan County	106th Ave	106th Avenue & Marsh Road from 10th Street to Barry County Line	6.679	Road Rehabilitation	Asphalt pavement Repair, Resurface with HMA	CON	\$805,200	\$0	\$400,000	\$1,205,200	STL	exempt	
2023	Local	208258	Local Road	Rural	Allegan	Allegan County	26th St	M-89 to 114th Avenue	1.274	Road Rehabilitation	Resurface	CON	\$155,000	\$0	\$45,000	\$200,000	STUL	exempt	
2023	Local	208259	Local Road	Rural	Allegan	Allegan County	Monroe Rd	Grove Street to M-40	1.374	Road Rehabilitation	Resurface	CON	\$140,000	\$0	\$55,000	\$195,000	STUL	exempt	
2023	Local	209368	Local Road	Rural	Allegan	Otsego	Dix St	M-89 to City Limits	1.542	Road Rehabilitation	Complete Mill and Fill of Dix St. and Washington St.	CON	\$375,000	\$0	\$125,000	\$500,000	STUL	exempt	
2023	Trunkline	128163	S/TIP Line items	Rural	Allegan	MDOT	M-89	From M-222 east to 29th Street	1.826	Road Rehabilitation	Mill, Joint Repairs, HMA Overlay, ADA Ramps	CON	\$2,863,113	\$634,887	\$0	\$3,498,000	NH	exempt	
2023	Local	213853	S/TIP Line items	Rural	Allegan	Allegan County	138th Ave	138th Avenue from 24th Street to 21st Street, Allegan County	1.499	Traffic Safety	Horizontal and vertical alignment modifications, shoulder widening	CON	\$600,000	\$0	\$233,860	\$833,860	HRRR	exempt	
2023	Multi-Modal	207256	Transit Capital	Rural	Allegan	Allegan County Board of Commissioners	Transit Capital	Areawide	0.000	1140-Bus Support Equip / Facilities	FY 2023 Small Urban Program - Facility Construction	NI	\$64,000	\$16,000	\$0	\$80,000	STUL	exempt	
2023	Multi-Modal	214917	Transit Capital	Rural	Allegan	Interurban Transit Authority	E Wiley Rd	Area Wide	0.000	1160-Signal & Communication Equip - B	FY 2023 RTF - Communication Equipment	NI	\$25,600	\$6,400	\$0	\$32,000	STL	exempt	
2023	Multi-Modal	214918	Transit Capital	Rural	Allegan	Interurban Transit Authority	E Wiley Rd	Area Wide	0.000	1140-Bus Support Equip / Facilities	FY 2023 RTF - Facility Improvements	NI	\$27,360	\$6,840	\$0	\$34,200	STL	exempt	
2023	Trunkline	210832	Trunkline Road	Rural	Allegan	MDOT	I-196 N	71st Street north to 118th Avenue	6.995	Road Capital Preventive Maintenance	Concrete Pavement Repairs	CON	\$4,163,400	\$462,600	\$0	\$4,626,000	IM	exempt	
2023	Trunkline	214905	Trunkline Traffic Operations And Safety	Rural	Allegan	MDOT	M-89	At Hubbard Street/Ely Street/M-40 Intersection	0.186	Traffic Safety	Construct Roundabout	CON	\$2,046,251	\$453,751	\$0	\$2,500,000	NH	exempt	
2024	Local	215023	Local Bridge	Rural	Allegan	Van Buren County	Baseline Rd	Baseline Road, Str #10788, over the Black River, Van Buren County	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$103,200	\$19,350	\$6,450	\$129,000	BO	exempt	
2025	Local	213903	S/TIP Line items	Rural	Allegan	Allegan	State St	State Street - Iron Bridge to Water St; Water St - State St to M-222	0.385	Reconstruction	State Street - Reconstruct; Water Street - Mill and resurface	CON	\$385,000	\$0	\$96,250	\$481,250	STUL	exempt	
2025	Multi-Modal	214913	Transit Capital	Rural	Allegan	Interurban Transit Authority	Transit Capital	Area Wide	0.000	1110-Bus Rolling Stock	FY 2025 RTF - Bus Purchase	NI	\$72,000	\$18,000	\$0	\$90,000	STL	exempt	
2026	Trunkline	211493	Trunkline Bridge	Rural	Allegan	MDOT	US-131	Two (2) Bridges on US-131 over the Grand Elk Railroad.	0.000	Bridge CPM	Substructure Patching	CON	\$2,288,527	\$507,475	\$0	\$2,796,000	NH	exempt	

WestPlan Project List for 2023 to 2026 TIP for Muskegon and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Total Estimated Amount	Fund Source	Template Name	Air Quality	Air Quality comment
2030	Trunkline	88877	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31 NB	Franklin Street north to Jackson Street	0.603	Major Widening	Reconstruct and widen	CON	\$491,100	\$108,900	\$0	\$600,000	NH	Capacity Improvement	non-exempt	adding third through lane to north-bound and south-bound boulevard and left turn lanes in median. City of Grand Haven, Ottawa County. Open to traffic date 2030 and modeled in 2035 analysis year.
2023	Trunkline	105534	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31 NB	Slayton Street to South Channel Bridge	0.817	Reconstruction	Reconstruction	CON	\$5,477,402	\$1,214,598	\$0	\$6,692,000	NH	Road - Rehabilitation and Reconstruction	exempt	
2024	Trunkline	124871	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31	US-31 and M-104 in Grand Haven and Spring Lake	5.855	ITS Applications	ITS devices and communications system	CON	\$2,906,437	\$644,494	\$0	\$3,550,931	ST	Intelligent Transportation Systems - Capital	exempt	
2023	Trunkline	201293	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	US-31BR	US-31 BR SB/NB Over The Black Creek	0.000	Bridge Replacement	Structure Replacement	CON	\$7,230,630	\$1,603,372	\$0	\$8,834,000	ST	Bridge Replacement and Preservation	exempt	
2023	Trunkline	204951	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	Muskegon	0.000	Traffic Safety	Install traffic signal dilemma zone systems	CON	\$118,640	\$13,182	\$0	\$131,822	HSIP	Traffic And Safety - Safety Programs	exempt	
2023	Local	205209	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	West Michigan Shoreline Regional Development Commission Offices	0.000	Planning, Research & Design	FY23 (10/01/2022 - 09/30/2023) Clean Air Action Outreach and Marketing	NI	\$100,000	\$0	\$25,000	\$125,000	CM	CMAQ	exempt	
2023	Local	205398	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Mercury Dr	144th Ave to Comstock Street	1.745	Road Rehabilitation	HMA Mill and resurface	CON	\$510,000	\$0	\$155,000	\$665,000	STUL	STP - Small MPO	exempt	
2023	Local	205401	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Glenside Blvd	62' south of Sherman to 18' south of RR tracks	0.220	Reconstruction	Reconstruct	CON	\$300,000	\$0	\$137,000	\$437,000	STUL	STP - Small MPO	exempt	
2023	Local	205401	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Glenside Blvd	62' south of Sherman to 18' south of RR tracks	0.220	Reconstruction	Reconstruct	CON	\$88,593	\$0	\$0	\$88,593	HIC	HIP - Small MPO	exempt	
2023	Local	205415	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Sherman Blvd	Glenside Blvd to Seaway Drive	0.915	Reconstruction	Reconstruction	CON	\$357,000	\$0	\$1,863,000	\$2,220,000	STUL	STP - Small MPO	exempt	
2023	Local	205418	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Shettler Rd	US-31 to Sheridan Road	1.000	Reconstruction	Reconstruct	CON	\$376,000	\$0	\$219,000	\$595,000	STUL	STP - Small MPO	exempt	
2023	Local	205427	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon Heights	Hackley Ave	Manz Street to Getty Street	0.440	Reconstruction	Mill and fill	CON	\$88,593	\$0	\$0	\$88,593	HIC	HIP - Small MPO	exempt	
2023	Local	205427	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon Heights	Hackley Ave	Manz Street to Getty Street	0.440	Reconstruction	Mill and fill	CON	\$350,000	\$0	\$136,000	\$486,000	STUL	STP - Small MPO	exempt	
2023	Local	205428	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Whitehall	Warner St	Slocum Street to Benston Road	0.996	Reconstruction	Road rehabilitation	CON	\$250,000	\$0	\$62,500	\$312,500	STUL	STP - Small MPO	exempt	
2023	Local	205428	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Whitehall	Warner St	Slocum Street to Benston Road	0.996	Reconstruction	Road rehabilitation	CON	\$88,593	\$0	\$0	\$88,593	HIC	HIP - Small MPO	exempt	
2023	Local	205428	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon	Sanford/Peck St	Keating Avenue to Laketon Avenue	0.540	Reconstruction	Reconstruct	CON	\$540,000	\$0	\$260,000	\$800,000	STUL	STP - Small MPO	exempt	
2023	Local	205907	S/TIP Line Items	West Michigan Metropolitan	Muskegon County	Muskegon County	Ravenna Rd	Apple Ave to Bailey Road	3.044	Road Rehabilitation	Crush and shape and asphalt resurfacing	CON	\$602,670	\$0	\$221,905	\$824,575	STL	STP - Rural/Flexible	exempt	
2023	Local	205907	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Ravenna Rd	Apple Ave to Bailey Road	3.044	Road Rehabilitation	Crush and shape and asphalt resurfacing	CON	\$0	\$220,877	\$0	\$220,877	EDD	TEDF Category D	exempt	
2023	Local	205907	S/TIP Line Items	West Michigan Metropolitan	Muskegon County	Muskegon County	Ravenna Rd	Apple Ave to Bailey Road	3.044	Road Rehabilitation	Crush and shape and asphalt resurfacing	CON	\$89,064	\$0	\$0	\$89,064	HIC	HIP - Rural	exempt	
2023	Trunkline	207358	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207358	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline route of WESTPLAN MPO, All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$215,460	\$23,940	\$0	\$239,400	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207359	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207359	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$37,044	\$4,116	\$0	\$41,160	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207375	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207384	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207384	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$234,360	\$26,040	\$0	\$260,400	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207385	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207385	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$37,044	\$4,116	\$0	\$41,160	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207399	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207544	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$92,000	\$0	\$0	\$92,000	STG	Traffic And Safety - Signs	exempt	
2026	Trunkline	207544	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade, Non-freeway signing upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$527,121	\$0	\$0	\$527,121	STG	Traffic And Safety - Signs	exempt	
2024	Trunkline	207967	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	From Shonast Street east to Maple Island Road	6.904	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$8,353,611	\$1,852,389	\$0	\$10,206,000	ST	Road - Rehabilitation and Reconstruction	exempt	
2025	Trunkline	209616	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209616	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$223,020	\$24,780	\$0	\$247,800	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209617	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209617	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$35,154	\$3,906	\$0	\$39,060	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209631	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	2.868	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Local	212255	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Fruitport	Bridge Street	Bridge Street, Str #7696 over Norris Creek, Village of Fruitport	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$172,800	\$32,400	\$10,800	\$216,000	BHT	STP - Flexible (Bridge)	exempt	
2023	Local	212256	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Green Street	Green Street, Str #831 over Stearns Bayou, Ottawa County	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$142,400	\$8,900	\$26,700	\$178,000	BHT	STP - Flexible (Bridge)	exempt	
2023	Trunkline	212951	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31	US-31 South of Van Wagner Street	0.024	Reconstruction	Culvert Replacement	CON	\$2,874,572	\$637,428	\$0	\$3,512,000	NH	Culverts-Capital	exempt	
2026	Trunkline	213275	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213275	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes in Grand Region, All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	CON	\$223,020	\$24,780	\$0	\$247,800	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213339	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes in WESTPLAN MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213339	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes in WESTPLAN MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	CON	\$67,284	\$7,476	\$0	\$74,760	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213366	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Grand Region Regionwide Pvmr Mtrg Retro Readings	All of WESTPLAN MPO	14.886	Traffic Safety	Pvmr mtrg retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Local	213628	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	WMSRDC Planning Area	0.000	Planning, Research & Design	Non-Motorized/Pedestrian Traffic Counting Devices	NI	\$30,000	\$0	\$0	\$30,000	HIC	HIP - Small MPO	exempt	
2024	Local	213638	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Fruitport	8th St	Park Street to Beech Street	0.275	New Facilities	Construct non-motorized path on east side of street	CON	\$88,593	\$0	\$111,407	\$200,000	HIC	HIP - Small MPO	exempt	
2023	Local	213745	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	Harvey St	Harvey Street at Pontoluna Road and at Sternberg Rd, city of Norton Shores	0.298	Traffic Safety	Signal Backplates	CON	\$9,000	\$0	\$1,000	\$10,000	HSIP	Safety	exempt	
2024	Local	213938	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Spring Lake	E Exchange St	Elm Street to Lake Avenue	0.381	Road Rehabilitation	Resurface	CON	\$516,300	\$0	\$134,075	\$650,375	STUL	STP - Small MPO	exempt	
2026	Local	214048	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Lincoln St	Intersection of Lincoln and 144th Street	0.001	Traffic Safety	Construct roundabout	CON	\$450,000	\$0	\$500,000	\$950,000	CM	CMAQ	exempt	roundabouts are exempt
2024	Local	214098	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	316 Morris Ave	0.000	Planning, Research & Design	Air quality program	NI	\$90,000	\$0	\$22,500	\$112,500	CM	CMAQ	exempt	
2025	Local	214099	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	Areawide	0.000	Planning, Research & Design	Air quality program	NI	\$90,000	\$0	\$22,500	\$112,500	CM	CMAQ	exempt	
2023	Local	214126	S/TIP Line Items	West Michigan Metropolitan	Muskegon	North Muskegon	Fleming St	Fleming St from Ruddiman Dr to Moulton Ave, city of North Muskegon	0.134	Traffic Safety	Curb and gutter, sidewalk ramps, remove bump out	CON	\$321,840	\$0	\$80,460	\$402,300	HSIP	Safety	exempt	
2025	Local	214151	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Broadway Ave	Along Broadway from Glenside 2000' east	0.400	New Facilities	Construct non-motorized pathway	CON	\$112,633	\$0	\$60,717	\$173,350	CM	CMAQ	exempt	
2024	Trunkline	214189	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	Regionwide	M-104 at Fruitport	0.000	Traffic Safety	Modernize signalized intersections	PE	\$51,494	\$0	\$0	\$51,494	STG	Traffic Signal Modernization	exempt	
2026	Trunkline	214189	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	Regionwide	M-104 at Fruitport	0.000	Traffic Safety	Modernize signalized intersections	ROW	\$3,333	\$0	\$0	\$3,333	STG	Traffic Signal Modernization	exempt	
2026	Local	214246	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	Areawide	0.000	Planning, Research & Design	Air quality program	NI	\$90,000	\$0	\$22,500	\$112,500	CM	CMAQ	exempt	
2025	Local	214247	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	US-31 N/Pontoluna Ra	Harvey/Pontoluna	0.000	Traffic Safety	Traffic Signal upgrade	CON	\$113,600	\$0	\$33,400	\$147,000	CM	CMAQ	exempt	
2024	Local	214287	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Montague	Cook St	Stanton Blvd. to Eilers Rd.	0.497	Reconstruction	Crush and shape with improved storm drainage	CON	\$385,000	\$0	\$96,250	\$481,250	STUL	STP - Small Urban	exempt	
2026	Local	214303	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Whitehall Rd	Fruitvale Road to Skeels Road	1.931	Road Rehabilitation	Cold mill existing road surface.	CON	\$385,000	\$0	\$365,214	\$750,214	STUL	STP - Small Urban	exempt	
2025	Local	214367	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Michilinda Rd	Michilinda - Zellar to Scenic	3.240	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$599,316	\$0	\$149,829	\$749,145	STL	STP - Rural/Flexible	exempt	
2026	Local	214369	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Bailey Rd	Bailey Road from Ravenna Rd to Squires Rd	2.031	Road Rehabilitation	Crush and Shape and Asphalt Resurfacing	CON	\$0	\$189,693	\$0	\$189,693	EDD	TEDF Category D	exempt	
2026	Local	214369	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Bailey Rd	Bailey Road from Ravenna Rd to Squires Rd	2.031	Road Rehabilitation	Crush and Shape and Asphalt Resurfacing	CON	\$599,316	\$0	\$71,000	\$670,316	STL	STP - Rural/Flexible	exempt	
2024	Local	214572	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Michilinda Rd	Michilinda Rd from Whitehall Rd to Zellar Rd	3.239	Road Capital Preventive Maintenance	Crush and Shape and Asphalt resurface	CON	\$369,316	\$0	\$230,000	\$599,316	STL	STP - Rural/Flexible	exempt	
2024																				

WestPlan Project List for 2023 to 2026 TIP for Muskegon and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Total Estimated Amount	Fund Source	Template Name	Air Quality	Air Quality comment
2023	Local	214665	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	Lincoln St	Lincoln St west of Leon St. city of Norton Shores	0.129	Traffic Safety	High Friction Surface Treatment	CON	\$55,280	\$0	\$13,820	\$69,100	HSIP	Safety	exempt	
2024	Local	214704	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Cleveland St	Cleveland Street, Str #8849 over the Crockerly Creek Tributary, Ottawa Co.	0.000	Bridge Replacement	Bride Replacement	CON	\$1,079,200	\$0	\$269,800	\$1,349,000	BRT	STP - Flexible (Bridge)	exempt	
2025	Local	214856	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	120th Ave	120th Avenue from Fillmore to M45	2.030	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$478,667	\$0	\$182,051	\$660,718	STL	STP - Rural/Flexible	exempt	
2025	Local	214856	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	120th Ave	120th Avenue from Fillmore to M45	2.030	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$39,282	\$0	\$39,282	EDD	TEDF Category D	exempt	
2023	Trunkline	214896	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Muskegon Avenue east to Home Street	2.083	Road Rehabilitation	Concrete Pavement Inlay	ROW	\$20,463	\$4,141	\$397	\$25,000	NH	Road - Rehabilitation and Reconstruction	exempt	
2025	Trunkline	214896	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Muskegon Avenue east to Home Street	2.083	Road Rehabilitation	Concrete Pavement Inlay	CON	\$18,399,880	\$3,723,109	\$357,011	\$22,480,000	NH	Road - Rehabilitation and Reconstruction	exempt	
2025	Trunkline	215062	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	M-46 over Crockerly Creek	0.000	Bridge Replacement	Bridge Replacement	CON	\$2,823,825	\$626,175	\$0	\$3,450,000	BFP	Bridge Replacement and Preservation	exempt	
2024	Local	215196	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon Heights	Broadway Ave	Hoyt to Sanford	0.312	Road Rehabilitation	Resurface	CON	\$564,000	\$0	\$282,120	\$846,120	STUL	STP - Small MPO	exempt	
2024	Local	215556	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon	Southern Ave	Lakeshore to Division	0.562	Reconstruction	Reconstruct	CON	\$831,700	\$0	\$1,215,100	\$2,046,800	STUL	STP - Small MPO	exempt	
2024	Local	215559	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Airline Rd	Hile Road to US-31 NB Overpass	0.433	Reconstruction	Reconstruct	CON	\$392,000	\$0	\$113,000	\$505,000	STUL	STP - Small MPO	exempt	
2024	Local	215561	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	W Spring Lake Rd	Multiple Locations, Ottawa County	2.311	Road Rehabilitation	Resurface	CON	\$400,000	\$0	\$275,000	\$675,000	STUL	STP - Small MPO	exempt	
2025	Local	215671	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ferrysburg	168th Ave	West Spring Lake Road to VanWagoner Road	0.595	Reconstruction	Reconstruct	CON	\$450,000	\$0	\$518,310	\$968,310	STUL	STP - Small MPO	exempt	
2025	Local	215674	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Grand Haven	Fulton Ave	N 1st Street to N 5th Street	0.350	Reconstruction	Reconstruct	CON	\$1,028,704	\$0	\$1,615,261	\$2,643,965	STUL	STP - Small MPO	exempt	
2025	Local	215731	S/TIP Line Items	West Michigan Metropolitan	Muskegon	North Muskegon	Ruddiman Dr	Linderman Blvd to Bear Lake Bridge	1.103	Road Rehabilitation	Resurface	CON	\$260,000	\$0	\$125,385	\$385,385	STUL	STP - Small MPO	exempt	
2026	Local	215733	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon	Irwin Ave	Peck Street to Nims Ave	0.627	Reconstruction	Reconstruct	CON	\$900,000	\$0	\$318,800	\$1,618,800	STUL	STP - Small MPO	exempt	
2025	Local	215735	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Maple Grove Rd	40' South of Broadway Ave centerline to 69' north of Norton Ave centerline	0.722	Road Rehabilitation	Resurface	CON	\$232,000	\$0	\$58,000	\$290,000	STUL	STP - Small MPO	exempt	
2025	Local	215738	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Lincoln St	US-31 to 144th Avenue	2.851	Road Rehabilitation	Resurface	CON	\$784,000	\$0	\$196,000	\$980,000	STUL	STP - Small MPO	exempt	
2026	Local	215759	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Montague	Wilcox St	Old Channel Trail to Cook Street	0.281	Reconstruction	Reconstruct	CON	\$180,000	\$0	\$61,700	\$241,700	STUL	STP - Small MPO	exempt	
2026	Local	215761	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Evanston Ave	Mill Iron to Wolf Lake Road	2.450	Road Rehabilitation	Resurface	CON	\$837,480	\$0	\$229,370	\$1,066,850	STUL	STP - Small MPO	exempt	
2026	Local	215762	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	McCracken St	Norton Avenue to Boneville Drive	0.512	Reconstruction	Reconstruct	CON	\$990,520	\$0	\$1,386,480	\$2,377,000	STUL	STP - Small MPO	exempt	
2023	Multi-Modal	205207	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	Harbor Transit Service Area	0.000	SP1101-<30 foot replacement bus with or without lift	Bus Replacement FY 2023	NI	\$130,000	\$32,500	\$0	\$162,500	CM	Transit	exempt	
2023	Multi-Modal	205212	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	MATS service area	0.000	SP1103-35-39 foot replacement bus with or without lift	Heavy duty replacement bus	NI	\$285,000	\$71,250	\$0	\$356,250	CM	Transit	exempt	
2023	Multi-Modal	205213	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	MATS service area	0.000	SP1103-35-39 foot replacement bus with or without lift	Heavy duty replacement bus FY 2023 #1	NI	\$354,239	\$88,560	\$0	\$442,799	CM	Transit	exempt	
2023	Multi-Modal	206113	Transit Capital	West Michigan Metropolitan	Muskegon	AgeWell Services of West Michigan	Webster Ave	313 West Webster Avenue, Muskegon, Michigan 49440	0.000	1110-Bus Rolling Stock	Replacement Vehicles (6)	NI	\$179,200	\$44,800	\$0	\$224,000	5310	Transit	exempt	
2023	Multi-Modal	206761	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street	0.000	SP1101-<30 foot replacement bus with or without lift	Purchase one replacement bus	NI	\$65,000	\$16,250	\$0	\$81,250	5339	Transit	exempt	
2023	Multi-Modal	206762	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street Grand Haven MI	0.000	SP1103-35-39 foot replacement bus with or without lift	Purchase one replacement bus	NI	\$104,000	\$26,000	\$0	\$130,000	5307	Transit	exempt	
2023	Multi-Modal	206934	Transit Capital	West Michigan Metropolitan	Muskegon	Pioneer Resources - Muskegon	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	1110-Bus Rolling Stock	Replacement buses, six medium duty with lifts	NI	\$480,000	\$120,000	\$0	\$600,000	5310	Transit	exempt	
2023	Multi-Modal	206979	Transit Capital	West Michigan Metropolitan	Muskegon	Pioneer Resources - Muskegon	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	6470-New Freedom Projects	Regional Mobility management	NI	\$4,000	\$1,000	\$0	\$5,000	5310	Transit	exempt	
2023	Multi-Modal	207051	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	Support equipment	NI	\$40,000	\$10,000	\$0	\$50,000	5307	Transit	exempt	
2023	Multi-Modal	207061	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	6470-New Freedom Projects	Mobility management	NI	\$140,000	\$35,000	\$0	\$175,000	5310	Transit	exempt	
2023	Multi-Modal	207063	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	Support equipment and one bus	NI	\$101,222	\$25,306	\$0	\$126,528	5339	Transit	exempt	
2023	Multi-Modal	207063	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP1103-35-39 foot replacement bus with or without lift	Support equipment and one bus	NI	\$115,000	\$28,750	\$0	\$143,750	5339	Transit	exempt	
2023	Multi-Modal	207079	Transit Capital	West Michigan Metropolitan	Muskegon	Goodwill Industries of West Michigan	M-46	271 East Apple Avenue, Muskegon Michigan 49442	0.000	1110-Bus Rolling Stock	Bus Replacement and Bus Purchase	NI	\$97,998	\$24,500	\$0	\$122,498	5310	Transit	exempt	
2026	Multi-Modal	214053	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1705-public outreach/marketing	FY 26 5307 CMAQ Outreach and Marketing	NI	\$85,568	\$21,392	\$0	\$106,960	CM	Transit	exempt	
2024	Multi-Modal	214096	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Location to be determined	0.000	SP1201-admin/maintenance facility construction	FY24 CMAQ 5307 Flex Construct new transit facility	NI	\$758,494	\$189,623	\$0	\$948,117	CM	Transit	exempt	
2025	Multi-Modal	214102	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1201-admin/maintenance facility construction	FY25 CMAQ 5307 Construct new transit facility	NI	\$516,357	\$129,089	\$0	\$645,446	CM	Transit	exempt	
2026	Multi-Modal	214301	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1103-35-39 foot replacement bus with or without lift	FY2026 CMAQ 5307 Heavy Duty bus replacement	NI	\$345,816	\$86,454	\$0	\$432,270	CM	Transit	exempt	
2024	Multi-Modal	215479	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2025 -SECTION 5307 TRANSIT CAPITAL - <30 ft replacement bus	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2024	Multi-Modal	215553	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2024 5307 <30 FOOT REPLACEMENT BUS	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2024	Multi-Modal	215575	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2024 5339 - Capital - <30 ft replacement bus	NI	\$61,270	\$15,317	\$0	\$76,587	5339	Transit	exempt	
2025	Multi-Modal	215579	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	AREAWIDE	0.000	SP1106-<30 foot expansion bus with or without lift	FY 2025 5307 <30 ft expansion bus	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2025	Multi-Modal	215584	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2025 5339 <30 ft replacement bus	NI	\$62,495	\$15,624	\$0	\$78,119	5339	Transit	exempt	
2026	Multi-Modal	215586	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Operating	AREAWIDE	0.000	SP1106-<30 foot expansion bus with or without lift	FY 2026 5307 Operating CTF Urbanized Formula	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2026	Multi-Modal	215588	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2026 5339 <30 ft replacement bus	NI	\$63,745	\$15,936	\$0	\$79,681	5339	Transit	exempt	
2025	Multi-Modal	215742	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1201-admin/maintenance facility construction	FY25 Carbon Reduction Flex New facility	NI	\$57,074	\$14,269	\$0	\$71,343	CRSM	Transit - STP - Small MPO - Flex	exempt	
2023	Multi-Modal	215757	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	MATS Service Area	0.000	SP1103-35-39 foot replacement bus with or without lift	FY23 Carbon Reduction Flex Heavy Duty Bus Replacement #1	NI	\$45,761	\$11,440	\$0	\$57,201	CRSM	Transit - STP - Small MPO - Flex	exempt	
2025	Multi-Modal	215767	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1204-bus terminal facility construction	FY25 Carbon Reduction Flex New transit facility	NI	\$55,643	\$13,911	\$0	\$69,554	CRSM	Transit - STP - Small MPO - Flex	exempt	
2026	Multi-Modal	215768	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Area-Wide	0.000	SP1103-35-39 foot replacement bus with or without lift	FY25 CMAQ 5307 Heavy Duty Bus Replacement 35' Bus	NI	\$54,184	\$13,546	\$0	\$67,730	CRSM	Transit - STP - Small MPO - Flex	exempt	
2023	Multi-Modal	205205	Transit Operating	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	Harbor Transit service area	0.000	SP1705-public outreach/marketing	FY 2023 Outreach and marketing	NI	\$24,900	\$6,225	\$0	\$31,125	CM	Transit	exempt	
2023	Multi-Modal	206949	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	6470-New Freedom Projects	New freedom	NI	\$69,850	\$0	\$69,850	\$139,700	5310	Transit	exempt	
2023	Multi-Modal	206963	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources - Muskegon	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	6460-JARC Projects	JARC	NI	\$46,585	\$46,585	\$0	\$93,170	5311	Transit	exempt	
2023	Multi-Modal	207044	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP3000-operating except JARC and New Freedom	Operating assistance for delivery of transit and paratransit services	NI	\$1,777,156	\$1,137,380	\$639,776	\$3,554,312	5307	Transit	exempt	
2023	Multi-Modal	207049	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	3000-Operating Assistance	operating assistance for the delivery of non-urban transit services	NI	\$18,000	\$18,000	\$0	\$36,000	5311	Transit	exempt	
2023	Multi-Modal	207682	Transit Operating	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Operating	areawide	0.000	SP3000-operating except JARC and New Freedom	Operating assistance	NI	\$535,000	\$0	\$535,000	\$1,070,000	5307	Transit	exempt	
2024	Multi-Modal	214097	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1603-marketing	FY 2024 - CMAQ 5307 Transit outreach and marketing	NI	\$96,000	\$24,000	\$0	\$120,000	CM	Transit	exempt	
2025	Multi-Modal	214313	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1705-public outreach/marketing	FY 2025 - CMAQ and 5307 Transit outreach and marketing	NI	\$120,000	\$30,000	\$0	\$150,000	CM	Transit	exempt	
2025	Multi-Modal	214606	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6470-New Freedom Projects	FY2025 5310 New Freedom Operating	NI	\$79,530	\$79,530	\$0	\$159,060	5310	Transit	exempt	
2024	Multi-Modal	215509	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6460-JARC Projects	FY2024 5311- JARC Operating	NI	\$46,585	\$46,585	\$0	\$93,170	5311	Transit	exempt	
2025	Multi-Modal	215512	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6460-JARC Projects	FY2025-5311 JARC Operating	NI	\$46,585	\$46,585	\$0	\$93,170	5311	Transit	exempt	
2024	Multi-Modal	215541	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6470-New Freedom Projects	FY2024 5310 New Freedom Operating	NI	\$79,530	\$79,530	\$0	\$159,060	5310	Transit	exempt	
2026	Multi-Modal	215543	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6470-New Freedom Projects	FY2026 5310 New Freedom Operating	NI	\$79,530	\$79,530	\$0	\$159,060	5310	Transit	exempt	
2026	Multi-Modal	215544	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide</												

WestPlan Project List for 2023 to 2026 TIP for Muskegon and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Total Estimated Amount	Fund Source	Template Name	Air Quality	Air Quality comment
2024	Trunkline	215033	Trunkline Bridge	West Michigan Metropolitan	Muskegon	MDOT	US-31 S	4 Structures along US-31 NB/SB over Colby Road & Walsh Road	0.000	Bridge CPM	Epoxy Overlay	PE	\$220,995	\$49,005	\$0	\$270,000	BFP	Bridge Replacement and Preservation	exempt	
2024	Trunkline	215033	Trunkline Bridge	West Michigan Metropolitan	Muskegon	MDOT	US-31 S	4 Structures along US-31 NB/SB over Colby Road & Walsh Road	0.000	Bridge CPM	Epoxy Overlay	PES	\$220,995	\$49,005	\$0	\$270,000	BFP	Bridge Replacement and Preservation	exempt	
2026	Trunkline	211173	Trunkline Road	West Michigan Metropolitan	Ottawa	MDOT	I-96 EB	From Airline Road east to Apple Drive	4.678	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$1,973,700	\$219,300	\$0	\$2,193,000	IM	Road - Rehabilitation and Reconstruction	exempt	
2023	Trunkline	127478	Trunkline Traffic Operations And Safety	West Michigan Metropolitan	Ottawa	MDOT	US-31	At Pierce Street, Winans Street and 158th Avenue	1.048	Traffic Safety	Indirect Left Turn Lanes	CON	\$708,003	\$156,997	\$0	\$865,000	CM	Operations	exempt	Roads not in travel demand model. Reviewed at Nov. 9, 2021 MITC-IAWG
2024	Trunkline	209373	Trunkline Traffic Operations And Safety	West Michigan Metropolitan	Muskegon	MDOT	M-46	M-46 (Apple) - Six signal locations in Muskegon County	0.000	Traffic Safety	Modernizing signalized intersection to current standards	CON	\$2,430,686	\$0	\$0	\$2,430,686	STG	Traffic Signal Modernization	exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Local	205691	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Gezon Pkwy SW	Byron Center to Clyde Park and 54th from Clyde Park to Division	3.175	Road Rehabilitation	Mill and Resurface and new through/right turn at EB Clyde Park Ave	CON	\$777,575	\$0	\$172,425	\$950,000	ST	Exempt	thru/right turn lane less than half a mile
2023	Local	205691	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Gezon Pkwy SW	Byron Center to Clyde Park and 54th from Clyde Park to Division	3.175	Road Rehabilitation	Mill and Resurface and new through/right turn at EB Clyde Park Ave	CON	\$903,259	\$0	\$560,483	\$1,463,742	STU	Exempt	thru/right turn lane less than half a mile
2023	Local	205691	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Gezon Pkwy SW	Byron Center to Clyde Park and 54th from Clyde Park to Division	3.175	Road Rehabilitation	Mill and Resurface and new through/right turn at EB Clyde Park Ave	CON	\$1,327,000	\$0	\$294,258	\$1,621,258	ST	Exempt	thru/right turn lane less than half a mile
2023	Trunkline	210072	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	From Allegan/Kent County Line north to 76th Street	4.038	Reconstruction	Reconstruction, Add Weave/Merge Lanes	CON	\$100,000	\$39,900,000	\$0	\$40,000,000	RBMP,NH	exempt	connecting entrance and exit ramps to improve safety and operational - no new thru lanes
2024	Trunkline	210063	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	From 92nd Street north to 76th Street	2.875	Road Rehabilitation	Crush and Shape, Widening	CON	\$26,192,000	\$5,808,000	\$0	\$32,000,000	ST	non-exempt	widen section of roadway from a 3 lane section to a full boulevard (2 thru lanes in each direction)
2025	Trunkline	200652	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37 SB	60th Street to Patterson Avenue (N Junction)	0.666	Minor Widening	Extend 3rd lane from 60th St north to Patterson Ave (N Jct)	CON	\$1,517,499	\$321,359	\$15,142	\$1,854,000	NH	exempt	IAWG discussed project, it is connecting a few turn lanes into a continuous right turn lane and determined it was not adding capacity and should be classified as exempt
2023	Local	205589	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Cedar Springs	S Main St NE	Church Street to 18 Mile Road	0.737	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$395,949	\$0	\$87,801	\$483,750	STU	Exempt	
2023	Local	205601	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ball Ave NE	Leonard Street to Knapp Street	1.002	Road Capital Preventive Maintenance	Milling an Asphalt Overlay (1.5 Inches)	CON	\$427,753	\$0	\$1,537,833	\$1,965,586	STU	Exempt	
2023	Local	205602	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ball Ave NE	Michigan to Olson and Olson Street - Ball to Plymouth	0.543	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$275,335	\$0	\$656,453	\$931,788	STU	Exempt	
2023	Local	205657	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fuller Ave NE	Knapp Street to 3 Mile Road	0.989	Road Capital Preventive Maintenance	Milling and Asphalt Overlay (1.5 Inches)	CON	\$427,753	\$0	\$1,279,667	\$1,707,420	STU	Exempt	
2023	Local	205664	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Turner Ave NW	6th Street to US-131 SB On Ramp and US-131 SB Off Ramp to Richmond Street	0.813	Road Capital Preventive Maintenance	Milling and Asphalt Overlay (1.5 inches)	CON	\$344,169	\$0	\$1,050,939	\$1,395,108	STU	Exempt	
2023	Local	206467	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Traffic Safety	Signal Optimization	CON	\$240,000	\$0	\$60,000	\$300,000	CM	Exempt	
2023	Local	207503	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	ITS Applications	Regional Signal System TMS Operations	OPS	\$528,000	\$0	\$132,000	\$660,000	CM	Exempt	
2023	Local	205658	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fuller Ave SE	Kalamazoo Street to Adams Street	0.281	Reconstruction	Asphalt Reconstruct	CON	\$344,169	\$0	\$1,100,000	\$1,444,169	STU	Exempt	
2023	Local	205661	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ottawa Ave NW	Newberry Street to Mason Street and Walbridge Street to Coldbrook Street	0.263	Reconstruction	Asphalt Reconstruct	CON	\$712,922			\$712,922	STU	Exempt	
2023	Local	205666	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Wealthy St SE	Ethel Avenue to East City Limit	0.159	Reconstruction	Concrete Reconstruction (and Brick)	CON	\$786,672	\$0	\$2,180,000	\$2,966,672	STU	Exempt	
2023	Local	205698	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Robinson Rd SE	Lake Drive to Plymouth Avenue	0.532	Reconstruction	Reconstruct/Preventative Maintenance	CON	\$358,094	\$0	\$79,406	\$437,500	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Local	205698	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Robinson Rd SE	Lake Drive to Plymouth Avenue	0.532	Reconstruction	Reconstruct/Preventative Maintenance	CON	\$290,425	\$0	\$2,140,575	\$2,431,000	ST	Exempt	
2023	Local	212553	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Monroe Ave NW	Monroe Avenue NW (Leonard Street to Ann Street), Grand Rapids	0.801	New Facilities	Construct one mile of nonmotorized shared use pathway.	CON	\$806,735	\$0	\$1,093,139	\$1,899,874	TA	Exempt	
2023	Local	214335	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Turner Ave NW	4th St NW to Ann St NW	1.459	Roadside Facilities - Improve	Construction of separated two-way bikeway	CON	\$492,720	\$0	\$109,259	\$601,979	CRU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ken-O-Sha Drive Sidewalk (North side)	Eastern Ave to 1850 ft east of Eastern Avenue	0.350	Roadside Facilities - Improve	Construction of sidewalk on north side at Ken-O-Sha Drive. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	CON	\$179,834		\$44,959	\$224,793	TAU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Covell Avenue Sidewalk	Richmond Street to Walker Avenue	0.090	Roadside Facilities - Improve	Construction of sidewalk along Covell Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	CON	\$129,000		\$32,250	\$161,250	TAU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Covell Avenue Sidewalk	Lake Michigan Drive to Bridge Street	0.037879	Roadside Facilities - Improve	Construction of sidewalk along Covell Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	CON	\$43,000		\$10,750	\$53,750	TAU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Eastern Ave SE / Plaster Creek Trail Pedestrian Hybrid Beacon Crossing	At Plaster Creek Trail		Roadside Facilities - Improve	Construction of PHB, related curb/gutter and ADA work	CON	\$201,586		\$50,397	\$251,983	TAU	Exempt	
2023	Local	205673	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2023	Local	206215	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Front Ave NW	GVMC--Kent and Eastern Ottawa County	0.000	Planning, Research & Design	Clean Air Action educational campaign	NI	\$131,654	\$0	\$32,914	\$164,568	CM	Exempt	
2023	Local	205702	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Ivanrest Ave SW	Prairie Street to 28th Street	0.502	Road Capital Preventive Maintenance	Milling and Asphalt Resurface	CON	\$229,180	\$0	\$50,820	\$280,000	STU	Exempt	
2023	Local	206352	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Ottawa	Hudsonville	32nd Ave	32nd Avenue	0.210	Minor Widening	Left Turn Lane	CON	\$220,800	\$0	\$105,200	\$326,000	CM	Exempt	
2023	Local	212261	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	18 Mile Road	18 Mile Road, Str #5036 over the Rogue River, Kent County.	0.000	Bridge Rehabilitation	Bridge Rehabilitation	CON	\$370,400	\$69,450	\$23,150	\$463,000	BO	Exempt	
2023	Local	205701	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Buttrick Ave SE	Thornapple River Drive to Grand River Drive	0.392	Road Rehabilitation	Crush and Shape Resurfacing	CON	\$245,550	\$0	\$54,450	\$300,000	STU	Exempt	
2023	Local	205712	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Northland Dr NE	12 Mile Road to 14 Mile Road	2.228	Road Rehabilitation	Mill, Fill, and Resurface	CON	\$0	\$1,656,614	\$420,000	\$2,076,614	EDC	Exempt	
2023	Local	205671	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	Patterson Avenue to East Paris Avenue	0.999	Reconstruction	Asphalt Reconstruct	CON	\$1,104,975	\$0	\$245,025	\$1,350,000	STU	Exempt	
2023	Local	214069	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	84th Street at Kalamazoo Avenue, Kent County	0.651	Traffic Safety	Roundabout	CON	\$600,000	\$0	\$150,000	\$750,000	HSIP	Exempt	
2023	Local	214069	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	84th Street at Kalamazoo Avenue, Kent County	0.651	Traffic Safety	Roundabout	CON	\$332,721	\$0	\$195,333	\$528,054	CRU	Exempt	
2023	Local	215916	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	100th St SE	East Paris to Patterson	1.003	Reconstruction	Reconstruction	CON	\$991,000	\$0	\$409,000	\$1,400,000	STL	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Coit Sidewalk	Woodworth Street to 4 Mile Road	0.7	Roadside Facilities - Improve	Sidewalk	CON	\$160,000		\$40,000	\$200,000	TAU	Exempt	
2023	Local	205689	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd St SE	Kalamazoo Avenue to Breton Avenue	1.502	Road Rehabilitation	3.5" Milling and Resurface	CON	\$1,514,225	\$0	\$335,775	\$1,850,000	STU	Exempt	
2023	Local	209777	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Bowes Rd SE	South of Bowes Rd (at Main St) to South Hudson Street, City of Lowell	1.788	New Facilities	Construct River Valley Rail Trail Connection	CON	\$707,000	\$0	\$103,000	\$810,000	TA	Exempt	
2023	Local	209777	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Bowes Rd SE	South of Bowes Rd (at Main St) to South Hudson Street, City of Lowell	1.788	New Facilities	Construct River Valley Rail Trail Connection	CON	\$300,000	\$0	\$0	\$300,000	NRT	Exempt	
2023	Local	205676	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	18th Ave	Chicago Drive to Bauer Road	2.313	Road Rehabilitation	Asphalt Resurface	CON	\$798,037	\$0	\$176,963	\$975,000	STU	Exempt	
2023	Local	207042	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Leonard St	Leonard St from 88th Ave to 68th Ave	2.814	Road Capital Preventive Maintenance	Asphalt overlay 1-1.5 inches, will include HMA resurfacing with the construct	CON	\$718,000	\$0	\$488,821	\$1,206,821	STL	Exempt	
2023	Local	207042	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Leonard St	Leonard St from 88th Ave to 68th Ave	2.814	Road Capital Preventive Maintenance	Asphalt overlay 1-1.5 inches, will include HMA resurfacing with the construct	CON	\$0	\$73,179	\$0	\$73,179	EDD	Exempt	
2023	Local	212262	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Hayes Street	Hayes Street, Str #8838 over Branch of Sand Creek, Ottawa County	0.000	Bridge Replacement	Bridge Replacement	CON	\$1,020,800	\$63,800	\$191,400	\$1,276,000	BO	Exempt	
2023	Local	206388	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Rockford	Courtland St NE	Monroe to Wolverine	0.888	Road Rehabilitation	Resurface	CON	\$405,157	\$0	\$599,843	\$1,005,000	STU	Exempt	
2023	Local	205696	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Alpine Ave NW	Ann Street to Hillside Drive	0.503	Road Rehabilitation	Milling and Resurface	CON	\$654,800	\$0	\$145,200	\$800,000	STU	Exempt	
2023	Local	212755	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Bristol Ave NW	Under Bristol Railroad Bridge	0.062	Minor Widening	Widen to 2 Lanes	CON	\$712,500	\$0	\$237,500	\$950,000	HICU	Exempt	current road under bride is one lane will widen to two full lane to match road on either side.
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY2023 Urbanized Area Formula Grants	NI	\$36,000	\$9,000	\$0	\$45,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1301-bus shelter construction	FY2023 Urbanized Area Formula Grants	NI	\$80,000	\$20,000	\$0	\$100,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY2023 Urbanized Area Formula Grants	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY2023 Urbanized Area Formula Grants	NI	\$5,683,222	\$1,420,805	\$0	\$7,104,027	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY2023 Urbanized Area Formula Grants	NI	\$1,235,712	\$308,928	\$0	\$1,544,640	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY2023 Urbanized Area Formula Grants	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY2023 Urbanized Area Formula Grants	NI	\$1,577,449	\$394,362	\$0	\$1,971,811	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY2023 Urbanized Area Formula Grants	NI	\$192,000	\$48,000	\$0	\$240,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY2023 Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY2023 Urbanized Area Formula Grants	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY2023 Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY2023 Urbanized Area Formula Grants	NI	\$281,200	\$70,300	\$0	\$351,500	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY2023 Urbanized Area Formula Grants	NI	\$8,000	\$2,000	\$0	\$10,000	5307	Exempt	
2023	Multi-Modal	212886	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Project	areawide	0.000	SP1803-planning/studies	FY23 HIP COVID Relief- Regional Transit Master Plan	NI	\$285,000	\$0	\$0	\$285,000	HICU	Exempt	
2023	Multi-Modal	206866	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2023 Bus/Bus Facilities Program	NI	\$1,010,564	\$252,641	\$0	\$1,263,205	5339	Exempt	
2023	Multi-Modal	207818	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY23 CMAQ - Replacement 40' Buses/CNG	NI	\$340,000	\$85,000	\$0	\$425,000	CM	Exempt	
2023	Multi-Modal	207819	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY23 CMAQ - Rideshare	NI	\$186,207	\$0	\$0	\$186,207	CMG	Exempt	
2023	Multi-Modal	207821	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY23 CMAQ - Replacement VanPool Vans	NI	\$99,441	\$24,860	\$0	\$124,301	CM	Exempt	
2023	Multi-Modal	207822	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY23 CMAQ - Free Rides on Clean Air Action Days	NI	\$80,000	\$20,000	\$0	\$100,000	CM	Exempt	
2023	Trunkline	200112	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	From East Branch Rush Creek east to Burlingame Avenue	2.831	Road Rehabilitation	Concrete Pavement Inlay	CON	\$10,428,509	\$2,312,492	\$0	\$12,741,001	NH	Exempt	
2023	Trunkline	204951	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Kent and Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	CON	\$345,020	\$38,336	\$0	\$383,356	HSIP	Exempt	
2023	Trunkline	207358	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2023	Trunkline	207358	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$628,425	\$69,825	\$0	\$698,250	HSIP	Exempt	
2023	Trunkline	207359	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2023	Trunkline	207359	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO, All trunkline routes of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$108,045	\$12,005	\$0	\$120,050	HSIP	Exempt	
2023	Trunkline	207375	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	
2023	Trunkline	208927	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-44 CONN	From I-96 north to Airway Street	2.665	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	PE	\$245,550	\$53,633	\$817	\$300,000	NH	Exempt	
2023	Trunkline	209604	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6 / Holstege Wetland Mitigation Site	M-6 / Holstege Wetland Mitigation Site	0.000	Environmental	Wetland Mitigation Site Access and Additional Wetland Restoration	CON	\$270,105	\$59,895	\$0	\$330,000	ST	Exempt	
2023	Trunkline	213211	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	M-37/M-44 (East Beltline) over I-96 from GRE Railroad to Bradford Street	0.335	Bridge Replacement	Bridge Replacement of S10-41025 & Road Reconstruction of bridge approaches	ROW	\$40,925	\$7,941	\$1,134	\$50,000	NH	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Trunkline	215066	S/TIP Line Items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 NB/I-96 WB	Two Structures along the US-131 NB Ramp to I-96 WB	0.000	Bridge Rehabilitation	Bridge Rehabilitation	CON	\$5,037,300	\$559,700	\$0	\$5,597,000	BFPI	Exempt	
2023	Trunkline	201305	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$1,337,063	\$148,563	\$0	\$1,485,626	IM	Exempt	
2023	Trunkline	204412	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	under Segwun Ave SE, Lowell Township, Kent County	0.000	Bridge Rehabilitation	Shallow overlay and substructure repair.	CON	\$767,700	\$85,300	\$0	\$853,000	BOI	Exempt	
2023	Trunkline	210818	Trunkline Road	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Whitneyville Avenue east to the Kent/Ionia County Line	8.346	Road Capital Preventive Maintenance	Full Depth Concrete Pavement Repair	CON	\$1,727,854	\$383,147	\$0	\$2,111,001	NH	Exempt	
2023	Trunkline	201531	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2023 West Michigan TOC Control Room Operations	OPS	\$1,344,954	\$298,240	\$0	\$1,643,194	CM	Exempt	
2023	Trunkline	201535	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	2023 ITS maintenance and operations in Grand Region	OPS	\$900,350	\$199,650	\$0	\$1,100,000	CM	Exempt	
2023	Trunkline	201942	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	US-131 from 44th to Post	11.605	Traffic Safety	Queue management system	CON	\$1,605,035	\$178,337	\$0	\$1,783,372	HSIP	Exempt	
2023	Trunkline	209412	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Northland Dr to Farland Ave	3.917	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	PE	\$200,700	\$22,300	\$0	\$223,000	HSIP	Exempt	
2023	Trunkline	213573	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Front Ave NW	Kent County	0.000	ITS Applications	2023 Safety Service Patrol Operations - Grand Region	OPS	\$253,735	\$56,265	\$0	\$310,000	NH	Exempt	
2023	Trunkline	213928	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Leonard St NE	TSCWIDE	13.634	Traffic Safety	Non-freeway signing upgrade	PE	\$32,250	\$0	\$0	\$32,250	STG	Exempt	
2024	Local	214473	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Pearl St NW	Pearl Street, Str#5186, over the Grand River	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$260,000	\$0	\$65,000	\$325,000	BHT	Exempt	
2024	Local	214474	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Burton St SW	Burton Street, Str#5094, and Hall Street, Str#5210, over CSX Railroad	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$97,600	\$0	\$24,400	\$122,000	BHT	Exempt	
2024	Local	214474	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Burton St SW	Burton Street, Str#5094, and Hall Street, Str#5210, over CSX Railroad	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$129,600	\$0	\$32,400	\$162,000	BHT	Exempt	
2024	Local	216284	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Knapp St NE	Truxton Dr to East City Limits	1.676	Road Rehabilitation	Milling and Asphalt Overlay (1.5 inches)	CON	\$984,000	\$0	\$2,952,000	\$3,936,000	STU	Exempt	
2024	Local	216286	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Leonard St NW	Powers Ave to Alpine Ave	0.373	Road Rehabilitation	Milling and Asphalt Overlay (1.5 inches)	CON	\$523,254	\$0	\$364,746	\$888,000	STU	Exempt	
2024	Local	214345	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	ITS Applications	Regional Signal System TMS Operations	OPS	\$536,000	\$0	\$134,000	\$670,000	CM	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Local	214346	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	Traffic Safety	Signal Optimization (up to 120 locations on federal aid roads)	CON	\$240,000	\$0	\$60,000	\$300,000	CRU	Exempt	
2024	Local	216263	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave NE	Fulton St to Michigan St	0.502	Reconstruction	Reconstruction	CON	\$724,000	\$0	\$160,545	\$884,545	ST	Exempt	
2024	Local	216263	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave NE	Fulton St to Michigan St	0.502	Reconstruction	Reconstruction	CON	\$0	\$0	\$9,977,000	\$9,977,000	STU	Exempt	
2024	Local	216283	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Grandville Ave SW	Clyde Park Ave to Stolpe Ave	0.221	Reconstruction	Reconstruction	CON	\$609,734	\$0	\$1,329,736	\$1,939,470	STU	Exempt	
2024	Local	216287	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Valley Ave NW	Fulton St to Bridge St	0.465	Reconstruction	Reconstruction	CON	\$1,021,621	\$0	\$1,320,183	\$2,341,804	STU	Exempt	
2024	Local	214384	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	FY2024 Clean Air Action Program	NI	\$80,000	\$0	\$20,000	\$100,000	CM	Exempt	
2024	Local	216303	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2024	Local	216288	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Chicago Dr SW	Division to West City Limits	0.763	Road Rehabilitation	Milling and Resurface	CON	\$441,938	\$0	\$183,062	\$625,000	STU	Exempt	
2024	Local	214475	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Countywide	Various Locations - Kent County	0.000	Bridge CPM	Bridge Preventative Maintenance Work	CON	\$76,300	\$0	\$32,700	\$109,000	BO	Exempt	
2024	Local	214475	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Countywide	Various Locations - Kent County	0.000	Bridge CPM	Bridge Preventative Maintenance Work	CON	\$74,200	\$0	\$31,800	\$106,000	BO	Exempt	
2024	Local	214475	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Countywide	Various Locations - Kent County	0.000	Bridge CPM	Bridge Preventative Maintenance Work	CON	\$105,000	\$0	\$45,000	\$150,000	BO	Exempt	
2024	Local	216295	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	60th St SE	Broadmoor Ave to Thornapple River Dr	2.299	Road Rehabilitation	Resurfacing	CON	\$707,100	\$0	\$292,900	\$1,000,000	STU	Exempt	
2024	Local	216299	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Leffingwell Ave NE	City Limits to Knapp St	0.490	Road Rehabilitation	Resurfacing	CON	\$176,775	\$0	\$73,225	\$250,000	STU	Exempt	
2024	Local	216305	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	60th St SE	Eastern Ave to Kalamazoo Ave	1.004	Road Rehabilitation	Resurfacing	CON	\$0	\$880,000	\$220,000	\$1,100,000	EDC	Exempt	
2024	Local	214449	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	76th St SE	76th @ Broadmoor and Cherry Valley @ Broadmoor	0.421	Traffic Safety	Intersection Improvements	CON	\$520,386	\$0	\$130,097	\$650,483	CM	Exempt	
2024	Local	215977	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	W River Dr NE	Lamoreaux Drive to Pine Island Drive	1.417	Road Rehabilitation	Resurface	CON	\$366,000	\$0	\$211,000	\$577,000	ST	Exempt	
2024	Local	216297	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	68th St SE	Kraft Ave to Cherry Valley Ave	0.997	Reconstruction	Reconstruction	CON	\$1,060,650	\$0	\$439,350	\$1,500,000	STU	Exempt	
2024	Local	216298	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	Kraft Ave to Cherry Valley Ave	0.989	Reconstruction	Reconstruction	CON	\$1,025,295	\$0	\$424,705	\$1,450,000	STU	Exempt	
2024	Local	216306	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	100th St SE	Patterson Ave to Kraft Ave	1.030	Reconstruction	Reconstruction	CON	\$1,011,000	\$0	\$389,000	\$1,400,000	STL	Exempt	
2024	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Crahen Valley Park Trail	Existing Trail near Leonard to Knapp Court	0.8	New Facilities	Sidewalk north side only	CON	\$1,474,985		\$1,601,547	\$3,076,532	TAU	Exempt	
2024	Local	216291	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	40th St SE	Soundtech Ct to Patterson Ave	0.759	Road Rehabilitation	Milling and Resurface	CON	\$288,497	\$0	\$119,503	\$408,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Local	216292	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	East Paris Ave SE	Burton St to 28th St	0.998	Road Rehabilitation	Milling and Resurface	CON	\$459,615	\$0	\$190,385	\$650,000	STU	Exempt	
2024	Local	214437	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	Walma Ave SE	37 Signalized Intersections in Kentwood, 14 signalized intersections in Wal	0.427	ITS Applications	Installation of cell modem, radio and fiber optic communications equipment	CON	\$160,000	\$0	\$40,000	\$200,000	CM	Exempt	
2024	Local	214388	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Foreman St SE	Gee Drive to Beech	0.539	Road Capital Preventive Maintenance	Mill and Overlay of Foreman	CON	\$385,000	\$0	\$96,250	\$481,250	STUL	Exempt	
2024	Local	214478	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Hayes St NW	Hayes Street, Str #8839, over Sand Creek Tributary, Ottawa County	0.000	Bridge Rehabilitation	Bridge Rehabilitation	CON	\$802,400	\$0	\$200,600	\$1,003,000	BHT	Exempt	
2024	Local	214813	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Fillmore St	96th Avenue to 72nd Avenue	3.049	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$718,000	\$0	\$273,077	\$991,077	STL	Exempt	
2024	Local	214813	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Fillmore St	96th Avenue to 72nd Avenue	3.049	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$58,923	\$0	\$58,923	EDD	Exempt	
2024	Local	216301	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	22nd Ave/Van Buren St/14th Ave	Quincy St to 44th St	3.951	Road Rehabilitation	Milling and Resurface (3' Shoulders/22nd Ave)	CON	\$1,113,683	\$0	\$461,317	\$1,575,000	STU	Exempt	
2024	Local	216302	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Van Buren St	48th Ave to 40th Ave	1.002	Road Rehabilitation	Milling and Resurface (3' Paved Shoulders)	CON	\$302,639	\$0	\$125,361	\$428,000	STU	Exempt	
2024	Local	214104	Local Livability and Sustainability	Grand Valley Metropolitan Council (GVMC)	Kent	Sparta	12 Mile Rd NW	Citywide, Safe Routes to School, Sparta, Kent County	1.846	Roadside Facilities - Improve	Safe Routes to School pedestrian improvements, Sparta	CON	\$501,293	\$0	\$0	\$501,293	TA	Exempt	
2024	Local	214528	S/TIP Line Items	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Center Dr NW	Center Drive at Weatherford	0.134	Reconstruction	Convert intersection to roundabout	CON	\$878,279	\$0	\$321,721	\$1,200,000	CRU	Exempt	
2024	Local	216304	S/TIP Line Items	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Kinney Ave NW	Leonard St to Lake Michigan Dr	1.007	Reconstruction	Reconstruction (Widen with Curb/Storm and address Sidewalk Gaps)	CON	\$1,353,000	\$0	\$1,347,000	\$2,700,000	ST	Exempt	
2024	Local	216293	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Clyde Park Ave SW	36th St to 44th St	1.001	Road Rehabilitation	Milling and Resurface	CON	\$707,100	\$0	\$292,900	\$1,000,000	STU	Exempt	
2024	Local	216294	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Kenowa Ave SW	North City Limits to South City Limits	1.434	Road Rehabilitation	Milling and Resurfacing	CON	\$707,100	\$0	\$292,900	\$1,000,000	STU	Exempt	
2024	Multi-Modal	214341	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY 2024 Carbon Reduction Program (CRP) - Replacement Vanpool Vans	NI	\$114,721	\$28,680	\$0	\$143,401	CRU	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$192,000	\$48,000	\$0	\$240,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$40,000	\$10,000	\$0	\$50,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1301-bus shelter construction	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$80,000	\$20,000	\$0	\$100,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$1,920,698	\$480,174	\$0	\$2,400,872	5307	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$320,000	\$80,000	\$0	\$400,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$5,559,564	\$1,389,891	\$0	\$6,949,455	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$945,321	\$236,330	\$0	\$1,181,651	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2024	Multi-Modal	216366	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2024 Section 5339 - 40' + Replacement Buses	NI	\$1,053,602	\$263,401	\$0	\$1,317,003	5339	Exempt	
2024	Multi-Modal	214342	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY 2024 CMAQ - Rideshare	NI	\$150,000	\$0	\$0	\$150,000	CMG	Exempt	
2024	Multi-Modal	214344	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY24 CMAQ - Free Rides on Clean Air Action Days	NI	\$40,000	\$10,000	\$0	\$50,000	CRU	Exempt	
2024	Trunkline	205235	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-96	I-96 in Ottawa and Kent	34.885	ITS Applications	Rural Freeway Traffic Management systems	CON	\$528,184	\$117,123	\$0	\$645,307	NH	Exempt	
2024	Trunkline	207384	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2024	Trunkline	207384	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$683,550	\$75,950	\$0	\$759,500	HSIP	Exempt	
2024	Trunkline	207385	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2024	Trunkline	207385	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$108,045	\$12,005	\$0	\$120,050	HSIP	Exempt	
2024	Trunkline	207399	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	
2024	Trunkline	207544	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$95,424	\$0	\$0	\$95,424	STG	Exempt	
2024	Trunkline	208927	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-44 CONN	From I-96 north to Airway Street	2.665	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	ROW	\$32,740	\$6,352	\$908	\$40,000	NH	Exempt	
2024	Trunkline	208927	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-44 CONN	From I-96 north to Airway Street	2.665	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$5,008,402	\$1,093,940	\$16,659	\$6,119,001	NH	Exempt	
2024	Trunkline	210046	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-11	From Division Avenue east to Kalamazoo Avenue	1.848	Road Rehabilitation	Inlay	CON	\$13,914,500	\$2,699,812	\$385,688	\$17,000,000	NH	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Trunkline	204758	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-6	Grand Rapids/South Beltline W	0.000	Roadside Facilities - Preserve	Cold milling and one course asphalt overlay.	CON	\$65,481	\$14,521	\$0	\$80,002	ST	Exempt	
2024	Trunkline	205257	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2024 WMTOC Control Room Operations	OPS	\$1,442,598	\$319,892	\$0	\$1,762,490	ST	Exempt	
2024	Trunkline	205258	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide - Grand	0.000	ITS Applications	2024 ITS Maintenance and Operations in Grand Region	OPS	\$900,350	\$199,650	\$0	\$1,100,000	ST	Exempt	
2024	Trunkline	211738	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Ramsdell Drive to Morgan Mills Avenue	5.943	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	PE	\$278,100	\$30,900	\$0	\$309,000	HSIP	Exempt	
2024	Trunkline	211977	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	8 Signals on M-37 (Broadmoor)	0.000	Traffic Safety	Modernize signals to current standards	ROW	\$10,000	\$0	\$0	\$10,000	STG	Exempt	
2024	Trunkline	213575	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Front Ave NW	Kent County	0.000	ITS Applications	2024 Safety Service Patrol Operations - Grand Region	OPS	\$253,735	\$56,265	\$0	\$310,000	NH	Exempt	
2024	Trunkline	214111	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 S	From Wealthy Street to Pearl Street	0.572	Traffic Safety	High Friction Surface Treatment	PE	\$69,750	\$7,750	\$0	\$77,500	HSIP	Exempt	
2025	Local	215846	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	East Grand Rapids	Plymouth Rd	Franklin St to Hall St	0.501	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$665,250	\$0	\$221,750	\$887,000	STU	Exempt	
2025	Local	215829	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Michigan St NE	Maryland Ave to Leffingwel Ave	0.500	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$480,665	\$0	\$1,167,329	\$1,647,994	STU	Exempt	
2025	Local	215831	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	O'Brien Rd SW	Covell Ave to Butterworth Ave	0.522	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$500,000	\$0	\$492,218	\$992,218	STU	Exempt	
2025	Local	216261	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Cherry St SE	Sheldon Ave to Legrave Ave & Prospect Ave to Madison Ave	0.123	Road Rehabilitation	Milling and Two course Asphalt Resurfacing	CON	\$150,000	\$0	\$90,000	\$240,000	STU	Exempt	
2025	Local	214492	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Areawide	0.055	ITS Applications	FY 2025 Traffic Operation Center Operations	NI	\$544,000	\$0	\$136,000	\$680,000	CM	Exempt	
2025	Local	214493	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Areawide	0.055	Traffic Safety	Signal Optimization (up to 120 locations)	CON	\$300,000	\$0	\$75,000	\$375,000	CRU	Exempt	
2025	Local	215832	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Wealthy St SE	Richard Terrace Ave to Ethel Ave	0.105	Reconstruction	Concrete Reconstruction (and Brick)	CON	\$350,000	\$0	\$1,618,327	\$1,968,327	STU	Exempt	
2025	Local	215849	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ann St NW	Monroe Ave to Plainfield Ave	0.562	Reconstruction	Reconstruction	CON	\$1,381,000	\$0	\$675,467	\$2,056,467	ST	Exempt	
2025	Local	216263	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave NE	Fulton St to Michigan St	0.502	Reconstruction	Reconstruction	CON	\$783,000			\$783,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Local	216264	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Grandville Ave SW	Stolpe St to Hall St	0.221	Reconstruction	Reconstruction	CON	\$538,735	\$0	\$1,296,920	\$1,835,655	STU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fulton St	Plymouth Ave to Worcester Dr	0.5	Roadside Facilities - Improve	Sharrows/Sidewalks	CON	\$473,895		\$203,098	\$676,993	TAU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fuller Ave/Lyon St	Lyon St NE to Lyon St NE through Fuller Park		Roadside Facilities - Improve	Construction of pedestrian hybrid beacon; ramp widening/upgrades; trail widening	CON	\$175,000		\$75,000	\$250,000	TAU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Breton Rd/Elliott St SE	Breton Rd/Elliott St SE		Roadside Facilities - Improve	Construction of PHB, related curb/gutter and ADA work	CON	\$175,000		\$75,000	\$250,000	TAU	Exempt	
2025	Local	214494	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	FY2025 Clean Air Action Program	NI	\$80,000	\$0	\$20,000	\$100,000	CM	Exempt	
2025	Local	215844	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2025	Local	215833	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Kenowa Ave SW	36th St to 44th St	1.005	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$536,250	\$0	\$178,750	\$715,000	STU	Exempt	
2025	Local	215834	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Ottawa	Hudsonville	Highland Dr	32nd Ave to Creek View Dr	0.628	Reconstruction	Reconstruction	CON	\$519,000	\$0	\$291,000	\$810,000	STU	Exempt	
2025	Local	209987	Local Livability and Sustainability	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Argo Avenue Southeast	Argo Drive from Hall Street to Cascade Road	0.333	Roadside Facilities - Improve	Sharrows/Sidewalks	CON	\$125,790	\$0	\$53,910	\$179,700	TAU	Exempt	
2025	Local	215851	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Patterson Ave SE	M-37 to Burton St	4.077	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$738,000	\$0	\$184,500	\$922,500	ST	Exempt	
2025	Local	215852	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Northland Dr NE	M-57 to Indian Lakes Rd	1.306	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$0	\$880,000	\$220,000	\$1,100,000	EDC	Exempt	
2025	Local	215853	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Forest Hill Ave SE	Hall St to Cascade Rd	0.349	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$0	\$480,000	\$120,000	\$600,000	EDC	Exempt	
2025	Local	215841	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	Patterson Ave to Kraft Ave	0.959	Reconstruction	Reconstruction	CON	\$1,125,000	\$0	\$375,000	\$1,500,000	STU	Exempt	
2025	Local	215855	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Lincoln Lake Ave NE	Belding Rd to Strotheide St	0.760	Reconstruction	Reconstruction	CON	\$1,031,000	\$0	\$369,000	\$1,400,000	STL	Exempt	
2025	Local	215977	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	W River Dr NE	Lamoreaux Drive to Pine Island Drive	1.417	Road Rehabilitation	Resurface	CON	\$373,000			\$373,000	ST	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	4 Mile Rd	Hachmuth to Yorkland	0.4	Roadside Facilities - Improve	Nonmotorized Trail	CON	\$119,000		\$51,000	\$170,000	TAU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	68th St	Kraft Ave to 0.4 Miles east	0.4	New Facilities	Sidewalk	CON	\$140,000		\$60,000	\$200,000	TAU	Exempt	
2025	Local	215835	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd Street	Division Ave to Eastern Ave	1.137	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$525,000	\$0	\$175,000	\$700,000	STU	Exempt	
2025	Local	215836	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd St SE	East Paris Ave to M-37	0.629	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$787,500	\$0	\$262,500	\$1,050,000	STU	Exempt	
2025	Local	215847	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd St SE	Bailey's Grove to East Paris Ave	0.417	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$378,000	\$0	\$126,000	\$504,000	STU	Exempt	
2025	Local	214547	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Grand River Dr SE	South Hudson Street at the Lowell Fair to Montcalm Street, City of Lowell	1.941	New Facilities	Nonmotorized path construction	CON	\$2,197,851	\$0	\$1,260,149	\$3,458,000	TA	Exempt	
2025	Local	215842	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Linden Dr/Luce St	Lake Michigan Dr (M-45) to Kenowa Ave	5.397	Road Rehabilitation	Milling and Two Course Asphalt Resurface + 3' Paved Shoulders	CON	\$1,496,600	\$0	\$653,400	\$2,150,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Local	215837	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Burlingame Ave SW	44th St to 52nd St	1.017	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing (5")	CON	\$750,000	\$0	\$250,000	\$1,000,000	STU	Exempt	
2025	Local	215838	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Burlingame Ave SW	36th St to 44th St	1.001	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing (5")	CON	\$750,000	\$0	\$250,000	\$1,000,000	STU	Exempt	
2025	Local	214527	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Byron Center Ave SW	Byron Center at 56th Street	0.192	Minor Widening	Dual left turn NB to WB	CON	\$400,000	\$0	\$100,000	\$500,000	CM	Exempt	
2025	Multi-Modal	214479	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025 Bus Replacement	NI	\$143,578	\$35,895	\$0	\$179,473	CM	Exempt	
2025	Multi-Modal	214481	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY2025 Replacement Vanpool Van	NI	\$100,000	\$25,000	\$0	\$125,000	CM	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY 2025: Section 5307	NI	\$192,000	\$48,000	\$0	\$240,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY 2025: Section 5307	NI	\$200,000	\$50,000	\$0	\$250,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2025: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY 2025: Section 5307	NI	\$76,000	\$19,000	\$0	\$95,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2025: Section 5307	NI	\$1,509,350	\$377,338	\$0	\$1,886,688	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY 2025: Section 5307	NI	\$642,823	\$160,706	\$0	\$803,529	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY 2025: Section 5307	NI	\$320,000	\$80,000	\$0	\$400,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY 2025: Section 5307	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1204-bus terminal facility construction	FY 2025: Section 5307	NI	\$2,000,000	\$500,000	\$0	\$2,500,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY 2025: Section 5307	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY 2025: Section 5307	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2025: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025: Section 5307	NI	\$4,237,409	\$1,059,352	\$0	\$5,296,761	5307	Exempt	
2025	Multi-Modal	216367	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025: Section 5339	NI	\$1,053,602	\$263,401	\$0	\$1,317,003	5339	Exempt	
2025	Multi-Modal	216371	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025: CRP	NI	\$396,808	\$99,202	\$0	\$496,010	CRU	Exempt	
2025	Multi-Modal	214482	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY2025 Rideshare	NI	\$150,000	\$0	\$0	\$150,000	CMG	Exempt	
2025	Multi-Modal	214483	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY2025 Free Rides on Clean Air Action Days	NI	\$40,000	\$10,000	\$0	\$50,000	CM	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Trunkline	207554	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-46	Non-Freeway Signing Upgrade	33.876	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$87,706	\$0	\$0	\$87,706	STG	Exempt	
2025	Trunkline	208525	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296/US-131 NB	From Bridge Street north to Richmond Street	1.343	Road Rehabilitation	Concrete Inlay	CON	\$16,281,900	\$1,809,100	\$0	\$18,091,000	IM	Exempt	
2025	Trunkline	208902	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296/US-131 NB	7 Bridges along US-131/I-296 NB Corridor	0.000	Bridge Rehabilitation	Deep overlay, Epoxy overlay, Railing Replacement	CON	\$5,201,570	\$1,153,435	\$0	\$6,355,005	NH	Exempt	
2025	Trunkline	209616	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2025	Trunkline	209616	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$650,475	\$72,275	\$0	\$722,750	HSIP	Exempt	
2025	Trunkline	209617	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2025	Trunkline	209617	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$102,533	\$11,393	\$0	\$113,926	HSIP	Exempt	
2025	Trunkline	209631	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MOP	2.868	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	
2025	Trunkline	210053	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-21	From I-96 east to Grand River Avenue	3.698	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$7,284,650	\$1,615,350	\$0	\$8,900,000	NH	Exempt	
2025	Trunkline	210057	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	From 60th Street north to 44th Street	2.075	Road Rehabilitation	Inlay	CON	\$9,003,500	\$1,779,754	\$216,746	\$11,000,000	NH	Exempt	
2025	Trunkline	213211	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	M-37/M-44 (East Beltline) over I-96 from GRE Railroad to Bradford Street	0.335	Bridge Replacement	Bridge Replacement of S10-41025 & Road Reconstruction of bridge approaches	CON	\$15,727,478	\$3,330,140	\$157,383	\$19,215,001	NH	Exempt	
2025	Trunkline	214094	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	From Wealthy Street north to Pearl Street	0.911	Operation Improvements	Remove and Replace Existing Freeway Lighting	CON	\$4,935,555	\$1,094,445	\$0	\$6,030,000	NH	Exempt	
2025	Trunkline	214959	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	Franklin Street over US-131	0.000	Bridge Replacement	Partial Deck Replacement	CON	\$7,333,761	\$1,626,241	\$0	\$8,960,002	BFP	Exempt	
2025	Trunkline	208925	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	3 Mile Road Over I-96 (41025-S06)	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$1,406,700	\$156,300	\$0	\$1,563,000	IM	Exempt	
2025	Trunkline	212929	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 NB	US-131 NB over Grandville Ave	0.000	Bridge CPM	Epoxy Overlay	CON	\$2,299,033	\$509,803	\$0	\$2,808,836	NH	Exempt	
2025	Trunkline	208992	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2025 West Michigan TOC Operations	OPS	\$1,454,118	\$322,446	\$0	\$1,776,564	ST	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Trunkline	208993	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide - Grand	0.000	ITS Applications	2025 ITS Maintenance and Operations in Grand Region	OPS	\$941,275	\$208,725	\$0	\$1,150,000	ST	Exempt	
2025	Trunkline	209412	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Northland Dr to Farland Ave	3.917	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	CON	\$1,539,000	\$171,000	\$0	\$1,710,000	HSIP	Exempt	
2025	Trunkline	211977	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	8 Signals on M-37 (Broadmoor)	0.000	Traffic Safety	Modernize signals to current standards	CON	\$2,670,593	\$0	\$0	\$2,670,593	STG	Exempt	
2026	Local	215816	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	3 Mile Rd NE	Monroe Ave to Plainfield Ave	0.899	Road Capital Preventive Maintenance	Milling and 1.5" Asphalt Overlay	CON	\$501,165	\$0	\$1,267,654	\$1,768,819	STU	Exempt	
2026	Local	215848	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Valley Ave NW	Bridge St to 4th St	0.384	Road Capital Preventive Maintenance	Milling and 1.5" Asphalt Overlay	CON	\$665,091	\$0	\$1,523,773	\$2,188,864	STU	Exempt	
2026	Local	214504	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Areawide	0.080	ITS Applications	FY2026 Regional Signal System TMS Operations	OPS	\$552,000	\$0	\$138,000	\$690,000	CM	Exempt	
2026	Local	214512	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Up to 120 intersections on federal aid roads	0.055	Traffic Safety	FY2026 Signal Optimization	CON	\$240,000	\$0	\$60,000	\$300,000	CM	Exempt	
2026	Local	215839	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Buchanan Ave SW	Corrine St to Hall St	0.530	Reconstruction	Reconstruction	CON	\$1,239,913	\$0	\$1,983,965	\$3,223,878	STU	Exempt	
2026	Local	215843	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Grandville Ave SW	Hall St to Beacon St	0.275	Reconstruction	Reconstruction	CON	\$600,000	\$0	\$1,853,263	\$2,453,263	STU	Exempt	
2026	Local	215845	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Jefferson Ave SE	Franklin St to Logan St	0.390	Reconstruction	Reconstruction	CON	\$1,082,030	\$0	\$1,231,354	\$2,313,384	STU	Exempt	
2026	Local	215854	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Wealthy St SE	Benjamin Ave to Richard Terrace Ave	0.103	Reconstruction	Reconstruction	CON	\$400,000	\$0	\$1,300,000	\$1,700,000	STU	Exempt	
2026	Local	214513	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	FY2026 Clean Air Action Program	NI	\$80,000	\$0	\$20,000	\$100,000	CM	Exempt	
2026	Local	216031	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2026	Local	215856	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Century Center St SW	Ivanrest Ave to Mall Dr	0.408	Road Rehabilitation	Mill & Resurface	CON	\$320,000	\$0	\$80,000	\$400,000	STU	Exempt	
2026	Local	215858	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Hudsonville	40th Ave	M-121 to Grant St	0.405	Road Rehabilitation	Mill & Resurface	CON	\$256,800	\$0	\$122,200	\$379,000	STU	Exempt	
2026	Local	216044	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	S Division Ave	76th St to 68th St	0.994	Road Rehabilitation	Resurfacing	CON	\$752,000	\$0	\$248,000	\$1,000,000	ST	Exempt	
2026	Local	216057	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Forest Hill Ave SE	Ada Dr to Fulton St	1.054	Road Rehabilitation	Resurfacing	CON	\$0	\$720,000	\$180,000	\$900,000	EDC	Exempt	
2026	Local	216061	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	10 Mile Rd NE	East of Belmont Bypass to Childsdale Ave	1.477	Road Rehabilitation	Resurfacing	CON	\$0	\$960,000	\$240,000	\$1,200,000	EDC	Exempt	
2026	Local	216025	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Myers Lake Ave NE	12 Mile Rd to 14 Mile Rd	2.004	Reconstruction	Reconstruction	CON	\$1,360,000	\$0	\$340,000	\$1,700,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2026	Local	216025	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Myers Lake Ave NE	12 Mile Rd to 14 Mile Rd	2.004	Reconstruction	Reconstruction	CON	\$1,408,000	\$0	\$312,219	\$1,720,219	ST	Exempt	
2026	Local	216126	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Lincoln Lake Ave NE	Strotheide St to Heffron St	1.002	Reconstruction	Reconstruction	CON	\$1,052,000	\$0	\$448,000	\$1,500,000	STL	Exempt	
2026	Local	215859	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	36th St SE	Shaffer Ave to M-37	0.530	Road Rehabilitation	Mill & Fill	CON	\$400,000	\$0	\$100,000	\$500,000	STU	Exempt	
2026	Local	214495	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	36th St SE	36th at Shaffer	1.059	Traffic Safety	Roundabout construction	CON	\$1,120,000	\$0	\$280,000	\$1,400,000	CRU	Exempt	
2026	Local	216028	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Baldwin St	20th Ave to Cottonwood Dr	2.031	Road Rehabilitation	Mill & Resurface	CON	\$680,000	\$0	\$170,000	\$850,000	STU	Exempt	
2026	Local	216041	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	28th Ave	City Limits to Bauer Rd	2.533	Road Rehabilitation	Mill & Resurface	CON	\$720,000	\$0	\$180,000	\$900,000	STU	Exempt	
2026	Local	216309	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	12th Ave	Port Sheldon St to Chicago Dr	0.477	Road Rehabilitation	Mill & Resurface	CON	\$185,400	\$0	\$41,112	\$226,512	ST	Exempt	
2026	Local	216313	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	18th Ave	Port Sheldon St to Chicago Dr	0.330	Road Rehabilitation	Mill & Resurface	CON	\$196,600	\$0	\$43,595	\$240,195	ST	Exempt	
2026	Local	216035	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Alpine Ave NW	3 Mile Rd to Hillside Dr	0.497	Road Rehabilitation	Mill & Resurface	CON	\$800,000	\$0	\$200,000	\$1,000,000	STU	Exempt	
2026	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Bristol Ave	Three Mile Rd to South City Limits	0.800	Roadside Facilities - Improve	Provide sidewalk to connect neighborhoods with regional trail and West Catholic H.S.	CON	\$700,000		\$300,000	\$1,000,000	TAU	Exempt	
2026	Local	215863	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Prairie St SW	West City Limit to Byron Center Ave	0.494	Road Rehabilitation	Mill & Resurface	CON	\$360,000	\$0	\$90,000	\$450,000	STU	Exempt	
2026	Local	215864	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Prairie Pkwy SW	Byron Center Ave to Burlingame Ave	1.043	Road Rehabilitation	Mill & Resurface	CON	\$800,000	\$0	\$200,000	\$1,000,000	STU	Exempt	
2026	Local	215866	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Prairie Pkwy SW	Burlingame Ave to Michael Ave	0.498	Road Rehabilitation	Mill & Resurface	CON	\$360,000	\$0	\$90,000	\$450,000	STU	Exempt	
2026	Multi-Modal	214496	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2026 Bus Replacement	NI	\$321,667	\$80,417	\$0	\$402,084	CM	Exempt	
2026	Multi-Modal	214497	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY2026 Vanpool Van Replacement	NI	\$100,000	\$25,000	\$0	\$125,000	CM	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY 2026: Section 5307	NI	\$400,000	\$100,000	\$0	\$500,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2026: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1801-preventative maintenance	FY 2026: Section 5307	NI	\$1,040,000	\$260,000	\$0	\$1,300,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY 2026: Section 5307	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY 2026: Section 5307	NI	\$537,600	\$134,400	\$0	\$672,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY 2026: Section 5307	NI	\$400,000	\$100,000	\$0	\$500,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY 2026: Section 5307	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY 2026: Section 5307	NI	\$491,760	\$122,940	\$0	\$614,700	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY 2026: Section 5307	NI	\$76,000	\$19,000	\$0	\$95,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY 2026: Section 5307	NI	\$98,400	\$24,600	\$0	\$123,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2026: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2026: Section 5307	NI	\$4,135,169	\$1,033,792	\$0	\$5,168,961	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2026: Section 5307	NI	\$2,118,654	\$529,663	\$0	\$2,648,317	5307	Exempt	
2026	Multi-Modal	216368	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2026: Section 5339	NI	\$1,053,602	\$263,401	\$0	\$1,317,003	5339	Exempt	
2026	Multi-Modal	214498	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY2026 Rideshare Program	NI	\$150,000	\$0	\$0	\$150,000	CMG	Exempt	
2026	Multi-Modal	214502	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY2026 Free Rides on Clean Air Action Days	NI	\$40,000	\$10,000	\$0	\$50,000	CM	Exempt	
2026	Trunkline	200196	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-21	From Bennett Street east to Valley Vista Drive	6.079	Road Rehabilitation	Two Course Asphalt Resurfacing	CON	\$4,419,901	\$980,101	\$0	\$5,400,002	ST	Exempt	
2026	Trunkline	207544	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade, Non-freeway signing upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$550,568	\$0	\$0	\$550,568	STG	Exempt	
2026	Trunkline	207554	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-46	Non-Freeway Signing Upgrade	33.876	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$504,310	\$0	\$0	\$504,310	STG	Exempt	
2026	Trunkline	211495	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	32nd Street over M-37	0.000	Bridge Replacement	Bridge replacement.	CON	\$3,816,666	\$751,122	\$95,213	\$4,663,001	ST	Exempt	
2026	Trunkline	211694	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	From I-96 north to Post Drive	6.185	Active Traffic Management	Active Traffic Management Systems	CON	\$26,701,037	\$5,920,877	\$0	\$32,621,914	NHFP	Exempt	
2026	Trunkline	213275	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2026	Trunkline	213275	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes in Grand Region, All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	CON	\$650,475	\$72,275	\$0	\$722,750	HSIP	Exempt	
2026	Trunkline	213339	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes in GVMC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2026	Trunkline	213339	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes in GVMC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	CON	\$196,245	\$21,805	\$0	\$218,050	HSIP	Exempt	
2026	Trunkline	213366	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Grand Region Regionwide Pvmr Mrkg Retro Readings	All of GVMC MPO	14.886	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2026	Trunkline	204378	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	over West River Drive	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$3,531,828	\$783,173	\$0	\$4,315,001	NH	Exempt	
2026	Trunkline	208926	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	14 Mile Road (M-57) over US-131 Algoma Twp, Kent County	0.000	Bridge Rehabilitation	Deep overlay	CON	\$2,245,964	\$498,036	\$0	\$2,744,000	NH	Exempt	
2026	Trunkline	209253	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	12 Mile Road over US-131 Algoma Twp. Kent County	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$1,115,616	\$247,385	\$0	\$1,363,001	BO	Exempt	
2026	Trunkline	211447	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	Pine Island Drive over US-131	0.000	Bridge CPM	Deck Patching	CON	\$448,539	\$99,463	\$0	\$548,002	BO	Exempt	
2026	Trunkline	211448	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	10 Mile Road over US-131	0.000	Bridge CPM	Deck Patching	CON	\$627,790	\$139,211	\$0	\$767,001	NH	Exempt	
2026	Trunkline	211738	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Ramsdell Drive to Morgan Mills Avenue	5.943	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	CON	\$2,132,325	\$236,925	\$0	\$2,369,250	HSIP	Exempt	

GVMC Additional Projects for 2023 to 2026 TIP

JobNet job number	FISCAL YEAR	FUND	PROJECT LOCATION	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	NON- PARTICIPATING	Total Participating	TOTAL	Local Share of Partic. as Submitted	Air Quality	Air Quality Comment
	2023	TAU	Collindale Avenue Pathway/Sidewalk and Burritt Street Sidewalk	Lake Michigan Drive to Burritt Street and 270' West of Collindale Avenue to Collindale Avenue	Construction of pathway/sidewalk along Collindale Avenue and completion of sidewalk on the north side of Burritt Street, west of Collindale Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.25	\$ 306,944	\$131,547	\$139,173	\$438,491	\$577,664	30.00%	exempt	
	2023	TAU	E Fulton at Alten Ave NE, Lake Eastbrook SE at Camelot SE, Cesar E Chavez Ave SW at Beacon St SW, Bridge St NW at Garfield Ave NW, Eastern Ave SE at Logan St SE, W Leonard St at Davis Ave NW	E Fulton at Alten Ave NE, Lake Eastbrook SE at Camelot SE, Cesar E Chavez Ave SW at Beacon St SW, Bridge St NW at Garfield Ave NW, Eastern Ave SE at Logan St SE, W Leonard St at Davis Ave NW	Installation of pedestrian actuated rapid flashing beacons plus curb extensions at Leonard/Davis intersection. All locations serve existing transit stop pairs, three locations serve schools/college, and two sites serve park access and bicycle facilities. Four of the six locations fall within the City's Neighborhoods of Focus.	City of Grand Rapids		\$ 251,451	\$107,765		\$359,216	\$359,216	30.00%	exempt	
	2024	TAU	Robinson Rd & Cascade Rd	Robinson Rd - Plymouth to Cascade, Cascade Rd - Robinson to East Beltline	8ft sidewalk	East GR/GR Twp/ Cascade Twp/KCRC	1.50	\$ 779,548	\$334,092		\$1,113,640	\$1,113,640	30.00%	exempt	
	2025	TAU	Fruitridge Ave	3940 Fruit Ridge to 4 Mile	Sidewalk on East side	Alpine Twp/KCRC		\$ 140,000	\$60,000		\$200,000	\$200,000	30.00%	exempt	
	2025	TAU	Kinney Ave	Lake Michigan to Leonard	Sidewalk on East side	Walker		\$ 175,000	\$75,000		\$250,000	\$250,000	30.00%	exempt	
	2025	TAU	M-44/M-37	Over I-96	Nonmotorized facility on an existing bridge	MDOT		\$ 330,800	\$1,669,200		\$2,000,000	\$2,000,000	83.46%	exempt	
	2026	TAU	Lakeside Avenue Sidewalk	Fulton Street to Michigan Street	Construction of sidewalk along Lakeside Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.44	306657	131425	\$139,043	\$438,082	\$577,125	30.00%	exempt	
	2026	TAU	Turner Ave NW/ Mt Vernon Ave NW/ 2nd St NW	Turner Ave NW between 4th St NW to Bridge St NW, Mount Vernon Ave NW between Bridge St NW and Pearl St NW, and 2nd St NW between Turner Ave NW and Stocking Ave NW	Construction of bicycle facilities to provide two-way bicycle facilities with connections to existing bicycle facilities on Turner Ave north of 4th St, 4th St west of Turner Ave, and Pearl St/Lake Michigan Dr west of Mount Vernon and connections to planned bicycle facilities on Mount Vernon Ave south of Pearl St, Stocking Ave north of 2nd St, 1st/2nd St west of Stocking Ave, and Pearl St east of Mount Vernon.	City of Grand Rapids	1.00	\$ 352,918	\$151,251			\$504,169	30.00%	exempt	The section of road on Turner St NW between 4 th ST NW to Bridge ST will be a road diet with one through lane removed. Refer to road diet questionnaire
216572	2025	CRP	Grace Christian to Plaster Creek	Aldon St to Burton St and Clyde Park Ave	Shared use path/sidepath	Wyoming	0.98	\$ 600,192	\$2,670,433			\$3,270,625	81.65%	exempt	
	2026	CRP	Jenkins Ave to Grace Christian	28th St to Aldon St	shared use path/sidepath	Wyoming	0.46	\$ 203,000	\$87,000			\$290,000	30.00%	exempt	

Ottawa County Project List Rural STIP 2023 to 2026

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimate d Amount	Local Estimate d Amount	Total Estimated Amount	Fund Source	Air Quality	Air Quality Comment
2024	Trunkline	205235	S/TIP Line items	Rural	Ottawa	MDOT	I-96	Us-131, I-196, I-96, US-131, I-96, I-196	34.885	ITS Applications	Rural Freeway Traffic Management systems	CON	\$1,621,852	\$359,641	\$0	\$1,981,493	NH	exempt	
2024	Local	214703	S/TIP Line items	Rural	Ottawa	Ottawa County	48th Ave	48th Avenue, Str #8921, over Beaver Creek, Ottawa County	0.000	Bridge Replacement	Bridge Replacement	CON	\$703,200	\$0	\$175,800	\$879,000	BO	exempt	

APPENDIX K: MUSKEGON AIR QUALITY ANALYSIS REPORT

**Air Quality Conformity Analysis
for the
Muskegon County, Michigan 2015 Ozone NAAQS Nonattainment
Area
May 4, 2022**

Draft for Public Comment

Prepared by:

Michigan Department of Transportation
Statewide and Urban Travel Analysis Section
Van Wagoner Transportation Building
Lansing, MI 48909
WittID@Michigan.gov
517-335-4620

in cooperation with

West Michigan Shoreline Regional Development Commission (WMSRDC)
316 Morris Ave.
Muskegon, MI 49440
231-722-7878
www.wmsrdc.org

Table of Contents

1.0 Conformity	4
1.1 Introduction.....	4
1.2 Nonattainment and Maintenance Areas	4
1.3 Conformity Finding.....	4
1.4 Results of Conformity Analysis.....	5
2.0 Background and Attainment Status.....	5
2.1 Background.....	5
2.2 Attainment Status	6
2.3 SIP Budgets	6
3.0 Interagency Consultation.....	7
4.0 Public Participation	7
5.0 Projects Evaluated for the Conformity Analysis	7
6.0 Transportation Modeling.....	8
6.1 Travel Demand Forecasting Models.....	8
6.1.2 WestPlan Model.....	8
6.1.3 Coding Travel Demand Model Links for NFC by Urban and Rural.....	8
6.1.4 Highway Performance Monitoring System (HPMS)	8
6.2 Analysis Years	9
7.0 Latest Planning Assumptions	9
7.1 Demographic Data.....	9
7.2 Vehicle Miles of Travel	9
7.3 Vehicle Hours of Travel	10
7.4 Transportation Control Measures.....	10
8.0 Emission Modeling.....	10
8.1 MOVES Specifications.....	10
8.2 Road Type Distribution.....	10
8.3 Average Speed.....	10
8.4 Ramp Fraction	10
8.5 Average Weekday VMT to Annual VMT.....	11
8.6 Vehicle Population	11
8.7 Vehicle Age Distribution.....	11

8.8 Other Local Data.....	11
9.0 Conclusion	11
Appendix A: Meeting Summary of the Interagency Workgroups	14
Appendix B: Public Comments and Responses.....	20
Appendix C: Projects Evaluated for Conformity Analysis	21

List of Tables:

Table 1: Results of 2015 and 1997 Ozone Standard Conformity Analysis.....	5
Table 2: Base and Future Year Population and Employment by County.....	9
Table 3: Vehicle Miles of Travel and Growth Rate by County.....	9
Table 4: Vehicle Hours of Travel by County.....	10
Table 5: MOVES Source Types from SOS Body Style, Plate Type, and Company Code.....	13

1.0 Conformity

1.1 Introduction

Transportation conformity provisions of the Clean Air Act Amendments require metropolitan planning organizations (MPOs) to make a determination that the Long-Range Transportation Plan (LRTP), Transportation Improvement Program (TIP), and projects conform to the State Implementation Plan (SIP), and that regional emissions will not negatively impact the region's ability to meet the National Ambient Air Quality Standards (NAAQS).

Conformity to the SIP means that the region's LRTPs and TIPs 1) will not cause any new violations of the NAAQS; 2) will not increase the frequency or severity of existing violation; and 3) will not delay attaining the NAAQS. A demonstration is conducted by comparing emissions estimates generated from implementation of LRTPs and TIPs for analysis years to the motor vehicle emissions budgets (MVEBs) contained in the maintenance SIP.

The purpose of this report is to document the process and findings of the transportation conformity analysis for the nonattainment and maintenance areas.

1.2 Nonattainment and Maintenance Areas

Muskegon County is partially an ozone nonattainment area and entirely an ozone maintenance area. Within the boundaries is part of the West Michigan Metropolitan Transportation Planning Program (WestPlan).

Findings of the transportation conformity analysis are for projects within Muskegon County. Projects in the 2045 LRTP have not changed since the previous analysis and are included in the modeling but not in the project list. Projects evaluated for this analysis are contained in:

- WestPlan 2023-2026 TIP in Muskegon County

1.3 Conformity Finding

The staff of WestPlan finds that the LRTP and TIP conform to the SIP for the 2015 ozone standard and 1997 ozone standard based on the results of this conformity analysis. This report makes the determination that the region's transportation plan and programs satisfy all applicable criteria and procedures in the conformity regulations.

This conformity analysis document was subject to a public comment period of May 10 - 24, 2022. Comments are recognized, considered, and a response provided in Appendix B.

The MPO policy committee made a formal conformity determination, through a resolution, at the WestPlan Policy Committee on June 15, 2022.

1.4 Results of Conformity Analysis

Conformity is demonstrated when the analysis-year emissions are equal to or less than the SIP budget. For the 2015 and 1997 ozone standards, as shown in Table 1, the emissions results for the analysis years show that the volatile organic compounds (VOC) and nitrogen oxides (NOx) emissions are lower than the SIP budgets; thus, conformity for the ozone standards are demonstrated.

Table 1: Results of 2015 and 1997 Ozone Standard Conformity Analysis

Analysis Year	Emissions (tons/day)	
	VOC	NOx
SIP Budget	6.67	11.0
2023	2.30	2.10
2025	2.18	1.77
2035	1.31	0.80
2045	1.11	0.61

2.0 Background and Attainment Status

2.1 Background

The federal Clean Air Act Amendments of 1990 (CAAA) established rules to improve the air, protect public health, and protect the environment. The act requires the U.S. Environmental Protection Agency (EPA) to set, review, and revise the National Ambient Air Quality Standards (NAAQS) periodically.

The Clean Air Act links together air quality planning and transportation planning through the transportation conformity process. Air quality planning is controlled by Michigan's SIP, which includes the state's plans for attaining or maintaining the NAAQS. The main transportation planning tools are the metropolitan LRTP and the metropolitan TIP. Transportation conformity ensures that federal funding and approval are given to highway and transit activities that are consistent with the SIP and that these activities will not affect Michigan's ability to achieve the NAAQS.

Transportation activities that are subject to conformity are LRTPs, TIPs, and all non-exempt federal projects that receive Federal Highway Administration (FHWA) or Federal Transit Administration (FTA) funding or approval. The conformity process ensures emissions from LRTP, TIP, or projects are within acceptable levels specified within the SIP and meet the goals of the SIP.

Transportation conformity only applies to on-road sources and transportation-related pollutants: ozone, particulate matter (particulate sizes 2.5 and 10), nitrogen dioxide, and carbon monoxide.

In addition to emissions that are directly emitted, regulations specifically require certain precursor pollutants to be addressed. Precursor pollutants are those pollutants that contribute to the formation of other pollutants. For example, ozone is not directly emitted, but created when NO_x and VOC react with sunlight.

When the EPA revises an NAAQS, all areas of the country are evaluated to determine if monitored levels of the pollutant are at or below the standard; these areas are classified as attainment. If the pollutant level is above the standard, these areas are classified as nonattainment. MPOs in areas classified as nonattainment or maintenance must conduct conformity analysis on their transportation programs.

2.2 Attainment Status

On April 15, 2004, the EPA issued final designations of areas not attaining the 1997 ozone NAAQS (also referred to as 1997 ozone standard). Muskegon County was designated a nonattainment area.

On May 16, 2007, the EPA redesignated the area attainment/maintenance, approving and finding adequate motor vehicle emissions budgets for VOC and NO_x for the year 2018. The area was placed into maintenance, requiring conformity emission to be compared to the MVEBs contained in the SIP, referred to as SIP budgets.

On July 20, 2012, the EPA designated all of Michigan as attainment for the strengthened 2008 ozone NAAQS.

On July 20, 2013, the EPA partially revoked the 1997 ozone standard, withdrawing the requirement to do transportation conformity for areas that were in maintenance. On April 6, 2015, the EPA completely revoked the 1997 ozone standard, which resulted in removal of all transportation conformity requirements.

On April 23, 2018, the FHWA started requiring areas in the country to conduct conformity if they were a maintenance area for the 1997 ozone standard and attainment for the 2008 ozone standard when the 1997 ozone NAAQS was revoked. This was to comply with the court's decision in *South Coast Air Quality Management District v. EPA*. Later, this was amended to require MPOs to have a conformity in place on Feb. 16, 2019, and conduct conformity going forward.

On Aug. 3, 2018, the EPA designated part of Muskegon County as nonattainment for the strengthened 2015 ozone NAAQS (also referred to as 2015 ozone standard). Conformity is conducted for the whole county because the MVEB is for the whole county.

2.3 SIP Budgets

Muskegon County has existing maintenance budgets from the 1997 ozone standard maintenance SIP. Regulations require the use of these budgets to test both ozone standards. Emissions

generated must be equal to or less than the SIP budgets, also referred to as MVEB. The MVEB is the portion of the total allowable emissions allocated to highway and transit vehicle use in the maintenance or nonattainment area. By showing emissions are below the MVEB, the LRTP and TIPs are conforming to the SIP. Conformity is conducted for the whole county until a budget is determined for the 2015 ozone nonattainment area.

3.0 Interagency Consultation

Consultation with federal, state, and local transportation authorities is conducted through the Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG). Issues discussed include evaluating and choosing emission models and methods, determining regionally significant project definition and projects, procedures for future MITC-IAWG meetings, and rules for reviewing projects.

A MITC-IAWG was held on April 14, 2022, to review projects and modeling assumptions; individuals attended by Microsoft Teams or conference call. The meeting was a joint meeting between the three conformity areas: The Allegan County Nonattainment Area, the Muskegon County Nonattainment Area, and the Grand Rapids 1997 ozone Limited Orphan Maintenance Area (LOMA). The MPO regions of the MACC and WestPlan extend into Ottawa County, which is part of the Grand Rapids 1997 ozone LOMA. A summary of the MITC-IAWG meeting and relevant interagency consultation correspondence related to this conformity is in Appendix A. A copy of this conformity analysis was sent to each MITC-IAWG member for review and comment.

4.0 Public Participation

The Public Participation Plan, adopted by the MPO policy committee, establishes the procedures by which the MPOs reach affected public agencies and the public. The same procedures were followed for this document, ensuring the public has an opportunity to review and comment before the MPO committee makes a determination.

A formal public comment period for the draft Air Quality Conformity Analysis was held from May 10 to 24, 2022. Public comments received and responses to the comments are in Appendix B.

5.0 Projects Evaluated for the Conformity Analysis

All projects in the WestPlan 2023 to 2026 TIP in Muskegon County were evaluated for inclusion in the analysis. Projects classified as non-exempt must be analyzed. Projects with exempt classification that can be modeled with the travel demand model were modeled. Appendix C includes a complete list of the projects evaluated for inclusion in this analysis. One project was added to the timeframe of the 2045 LRTP. The project is included in the project list, with an open-to-traffic date of 2030.

6.0 Transportation Modeling

6.1 Travel Demand Forecasting Models

Nonattainment areas are established independent of MPO boundaries. The Muskegon County nonattainment and maintenance area is covered by the WestPlan travel demand forecasting model. The model was developed in TransCAD modeling software, using the latest demographic and employment data available to generate estimates of travel, vehicle miles of travel (VMT), vehicles hours of travel (VHT), and speeds. Detailed documentation is contained in a separate document available upon request.

6.1.2 WestPlan Model

The WestPlan model covers all of Muskegon County and the northwest portion of Ottawa County. Only the Muskegon County portion of the model is considered for this analysis. Developed by the Michigan Department of Transportation (MDOT), this standard four-step model has a base year of 2015 and a horizon year of 2045. Each of the four steps - trip generation, trip distribution, mode choice, and traffic assignment - are checked for reasonableness against national standards. Final model validation verifies that the assigned volumes replicate actual traffic counts. The decennial 2010 census and 2015 American Community Survey (ACS) data were the sources of population and household base data. Employment data is developed from a private business database verified with local knowledge. Future data is based on the Regional Economic Models, Inc. (REMI) economic and demographic forecasts. The University of Michigan and MDOT jointly develop county-specific forecast data for the REMI model.

6.1.3 Coding Travel Demand Model Links for NFC by Urban and Rural

For emission modeling, the National Functional Classification (NFC) system is used to determine the function of roads; however, after 2010 NFCs do not distinguish roads by urban and rural. The emission model, Motor Vehicle Emission Simulator (MOVES), requires roads to be classified as urban or rural. MOVES also requires roads to be grouped into one of four road types: rural restricted, rural unrestricted, urban restricted, and urban unrestricted. To determine a road's urban or rural status, roads within the adjusted census urban boundary were considered urban and those outside as rural. NFCs designated as interstate and other freeways are considered restricted while all others are considered unrestricted. The Michigan Geographic Framework (GIS digital base map) was used to combine NFC with adjusted census urban boundary to generate MOVES road types for the network.

6.1.4 Highway Performance Monitoring System (HPMS)

The EPA and FHWA endorse HPMS as the source of VMT estimates. The travel demand modeling VMT is aggregated by NFC road types for the county, then normalized to HPMS data for the base year/validation year of the travel demand model. Normalization factors were applied to all analysis years.

6.2 Analysis Years

Analysis years were determined by the MITC-IAWG. Projects requiring modeling are grouped into an analysis year based on the project's open-to-traffic date. Emissions are generated for each analysis year.

Analysis Year	Reason
2023	2015 ozone standard attainment year
2025	Interim year (thus, analysis years not more than 10 years apart)
2035	Interim year (thus, analysis years not more than 10 years apart)
2045	Last year of WestPlan long-range transportation plan

7.0 Latest Planning Assumptions

7.1 Demographic Data

The most current and future assumptions developed or approved by the MPO were used in the development of the travel demand models. Table 2 shows base and future year population and employment by county from the travel demand models.

Table 2: Base and Future Year Population and Employment by County

County	Population		Employment	
	2015	2045	2015	2045
Muskegon County	223,939	232,248	113,993	119,418

7.2 Vehicle Miles of Travel

VMT is one measure of travel. Current and future levels of travel and growth rates are provided in Table 3.

Table 3: Vehicle Miles of Travel and Growth Rate by County

	Analysis year				
Muskegon County	Base Year 2015	2023	2025	2035	2045
VMT	4,108,569	4,257,775	4,291,022	4,370,080	4,403,451
Growth Rate	1.00	1.04	1.04	1.06	1.07

7.3 Vehicle Hours of Travel

VHT is an indicator of congestion. Current and future levels are provided in Table 4.

Table 4: Vehicle Hours of Travel by County

	Analysis year				
Muskegon County	Base Year 2015	2023	2025	2035	2045
VHT	115,118	119,414	120,385	122,722	123,595

7.4 Transportation Control Measures

There are no transportation control measures (TCMs) identified in the applicable state implementation plan. Thus, no measures are included at this time.

8.0 Emission Modeling

8.1 MOVES Specifications

The EPA's MOVES version MOVES2014b was used to generate emissions. Ozone is formed in the presence of heat and sunlight, so the highest ozone concentrations are monitored during the summer. This conformity analysis involves generating summer (July) weekday emissions to simulate the meteorology of a high-ozone summer day.

8.2 Road Type Distribution

HPMS data is used to create MOVES road-type distribution fractions. County-level HPMS passenger data is used for motorcycle and passenger vehicles, and commercial HPMS is used for trucks and buses. HPMS VMT is aggregated to MOVES road types, then converted to a fraction, generating a road-type distribution.

8.3 Average Speed

Speed distributions are created using a method developed by EPA for taking a single average speed and creating a distribution. The method generates an average speed fraction by MOVES road type, by day, by hour, and speed bin from speeds generated by the travel demand forecasting models. The same distribution is used for each vehicle type.

8.4 Ramp Fraction

Default ramp fractions were used.

8.5 Average Weekday VMT to Annual VMT

Monthly VMT adjustment factors were obtained from MDOT's data collection area. The EPA's AADVMT Converter-Tool MOVES 2014 was used to convert annual average daily VMT to annual VMT, monthly VMT fractions, and daily VMT fractions. Hourly fractions use MOVES default data. For motorcycles, the monthly fractions use MOVES defaults since local data is limited. Future analysis years utilize the same fractions.

8.6 Vehicle Population

The source of the vehicle population is the Michigan Secretary of State (SOS) vehicle registration database of 2015. The database was supplemented with school bus data from the Michigan Department of Education and MDOT public transit bus data. The EPA's default distributions were used to determine intercity bus, refuse truck, single-unit truck, and combination truck categories. The SOS data must be converted to MOVES source (vehicle) types. Table 5 shows how vehicle body style combined with plate type and company code are used to obtain MOVES vehicle types.

Future year vehicle population is based on growth in VMT from base year to analysis year. The growth rate is applied to all MOVES vehicle types. Table 3 shows the VMT for each analysis year and growth rate.

8.7 Vehicle Age Distribution

MOVES requires vehicle age as one of the local data inputs. The Michigan SOS vehicle registration database of 2015 was the source of vehicle ages. Vehicles are assigned to an age group, from 0 to 30-plus, based on model year indicated in the SOS database, with 0 being the newest vehicles (2015 or newer) and each year is its own group until vehicles are 30 years and older, which are aggregated into the 30-plus group. The SOS database is sorted by MOVES vehicle types and age. For intercity buses, refuse trucks, single-unit trucks, and combination trucks, the EPA's default age distribution are used to calculate splits in population because of limited local numbers. Base year age distribution fractions were used for all future analysis years.

8.8 Other Local Data

The MOVES model allows input for other types of local data, if available. This conformity demonstration used default meteorology data since the budgets were developed using default data; thus, analysis should also. Lacking local data, defaults were used for hoteling (truck parking) and starts. The default fuel data is correct for Michigan.

9.0 Conclusion

Conformity has a two-step endorsement process. The MPOs must make a formal conformity determination through a resolution that the findings of this conformity analysis conform to the SIP; thus, emissions are at or below the budgets found in the SIP. Then FHWA, jointly with the FTA, after consultation with the EPA, issues a letter of concurrence with the determination.

The conformity analysis described here and conducted by MDOT, with support of the WestPlan, concludes that the WestPlan 2023-2026 TIP and 2045 LRTP meet all applicable requirements for conformity for the 2015 and 1997 ozone standards; thus, it is recommended that FHWA support this conformity determination finding.

Table 5: MOVES Source Types from SOS Body Style, Plate Type, and Company Code

MOVES Source Type	SOS Body Style, Plate Type, and Company Code
11 – Motorcycles	Motorcycles
21 – Passenger Cars	Two-Door Four-Door Convertible Roadster Low-Speed
31 – Passenger Trucks	Station Wagon Pickup Van Hearse with Plate Type, Personal Ambulance with Plate Type, Personal Panel Van with Plate Type, Personal
32 – Light Commercial Trucks	Pickup Commercial or Company Van Commercial or Company Hearse Commercial or Company Ambulance Commercial or Company Panel Van Commercial or Company Utility Truck Wrecker
40 – Buses (MOVES: 41*, 42, 43)	Bus; Supplemented with Other Data Sources
50 – Single-Unit Trucks* (MOVES: 51, 52, 53)	Dump Truck Mixer Truck Stake Truck
54 – Motorhomes	Motorhome
60 – Combination Trucks* (MOVES: 61, 62)	Tractor Trailer Tanker

* The EPA default age distribution is applied to calculate individual MOVES Source Type categories.

Appendix A: Meeting Summary of the Interagency Workgroups

Meeting Summary

Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG) for:

Allegan County 2015 Ozone Nonattainment Area,

Muskegon County 2015 Ozone Nonattainment Area and

Grand Rapids (Kent and Ottawa Counties) Limited Orphan Maintenance Area

For New 2023 - 2026 TIPs and Rural STIP

1-3 p.m. Thursday, April 14, 2022

Members and partners attended by video conference by Teams.

Agency	Name	In attendance
EPA	Michael Leslie	yes
FHWA for MACC, WestPlan, and GVMC	Andrew Sibold	yes
FTA for Grand Rapids and rural area	Susan Weber	no
FTA for MACC and WestPlan	Rena Redic	no
	Stewart McKenzie	no
EGLE	Breanna Bukowski	yes
MDOT Conformity	Donna Wittl	yes
MDOT SPS for MACC, WestPlan, and GVMC	Luke Walters	yes
MDOT SPS Supervisor	Jeff Franklin	yes, also represented STIP
MACC MPO	Alec Miller	yes
	Jason Latham	yes
WestPlan MPO	Amy Haack	yes
	Brian Mulnix	yes
	Joel Fitzpatrick	yes
GVMC MPO	Andrea Faber	yes
	Laurel Joseph	no
	George Yang	yes
	Mike Zonyk	yes
MDOT STIP	Mark Kloha	no
MDOT- Grand Region	Tyler Kent	yes
	Dennis Kent	no
	Bill Loehle	no
	Susan Rozema	no
MDOT project level	Brad Peterson	no
MDOT SUTA modeling GVMC	Daniela Khavajian	no
MDOT SUTA modeling WestPlan	Ryan Gladding	yes
MDOT SUTA modeling MACC	Jon Roberts	yes
MDOT OPT Allegan	Fred Featherly	yes
MDOT OPT Muskegon and Ottawa	Heather Bowden	no
MDOT OPT Kent	Janet Arcuicci	no

Members and partners introduced themselves to the group.

The group discussed projects in the new 2023 to 2026 Transportation Improvement Programs (TIPs) and State Transportation Improvement Program (STIP). The same meeting summary is used for all three conformity areas.

Allegan County nonattainment area:

The group discussed a new analysis will be needed. Analysis years were discussed and decided. Listed below are the year and reason selected. The group agreed the 2023 year could be interpolated.

Base year of travel demand models: 2015

Attainment year for the 2015 ozone national ambient air quality standard (NAAQS): 2023

Interim year (thus, analysis years are not more than 10 years apart): 2025

Interim year (thus, analysis years are not more than 10 years apart): 2035

Last year of the Metropolitan Transportation Plan (MTP): 2045

The group discussed projects in the Macatawa Area Coordinating Council (MACC) area for both Allegan and Ottawa Counties. Projects on preliminary review were deemed exempt. At the meeting, job number 214789 was discussed as a “left-turn lane” over a half mile and with this description it was deemed non-exempt. After the meeting, further review showed the previous description was incomplete. It was adding a “continuous left center turn lane,” which is exempt if a mile or less. However, the project was added to the travel demand model during the previous conformity analysis for the 2045 MTP, because all projects that can be modeled are modeled if a new conformity analysis is required. The group agreed all projects were exempt for the MACC area in Allegan County and Ottawa County (for the Grand Rapids Limited Orphan Maintenance Area (LOMA)). The group also agreed the projects in the rural STIP in Allegan County were exempt.

Muskegon County nonattainment area:

The group discussed and agreed that the same analysis years decided for Allegan County would be used for the Muskegon County nonattainment area. The group discussed West Michigan Metropolitan Transportation Planning Program (WestPlan) projects in Muskegon County and Ottawa County (for Grand Rapids LOMA) and agreed with the preliminary finding that all projects, except one, was exempt. The group discussed the one non-exempt project and determined it should be modeled for an open-to-traffic date of 2030. It is in the current TIP so it can be moved to future TIPs.

Allegan and Muskegon modeling assumptions for conformity analyses:

The group discussed using MOVES2014b and MOVES3. It was decided MOVES2014b would be used. There would be no changes to the MOVES inputs besides vehicle miles of travel (VMT), vehicle hours of travel (VHT) and speeds from the last conformity analyses. Urban travel demand models will be used for the metropolitan planning organization (MPO) areas, and the statewide model used for the rural area in Allegan County.

Grand Rapids Limited Orphan Maintenance Area:

The Grand Rapids Limited Orphan Maintenance Area (LOMA) for the 1997 ozone NAAQS can demonstrate regional conformity without an emission analysis. Transportation conformity can be demonstrated by showing the other requirements are met. The group discussed the projects and those that were preliminarily thought to be non-exempt and determined all but one was exempt. The rural STIP projects in Ottawa County were discussed and the group agreed all projects were exempt.

GVMC brought 10 new nonmotorized projects to the meeting. Each project was discussed by the group. All but one project was considered exempt. One project required further information because it might be reducing lanes. On reviewing the project after the meeting, it was determined the project was going to remove one lane for a quarter of a mile. The road is a two-lane, one-way street. The road diet questionnaire was filled out and sent to the MITC-IAWG, per policies on road diets, to concur with GVMC and MDOT's opinion that this road diet should be exempt. The group concurred. All 10 projects were sent to the MITC-IAWG if they wanted to review them further. For more details see Additional MITC-IAWG Meeting after this one.

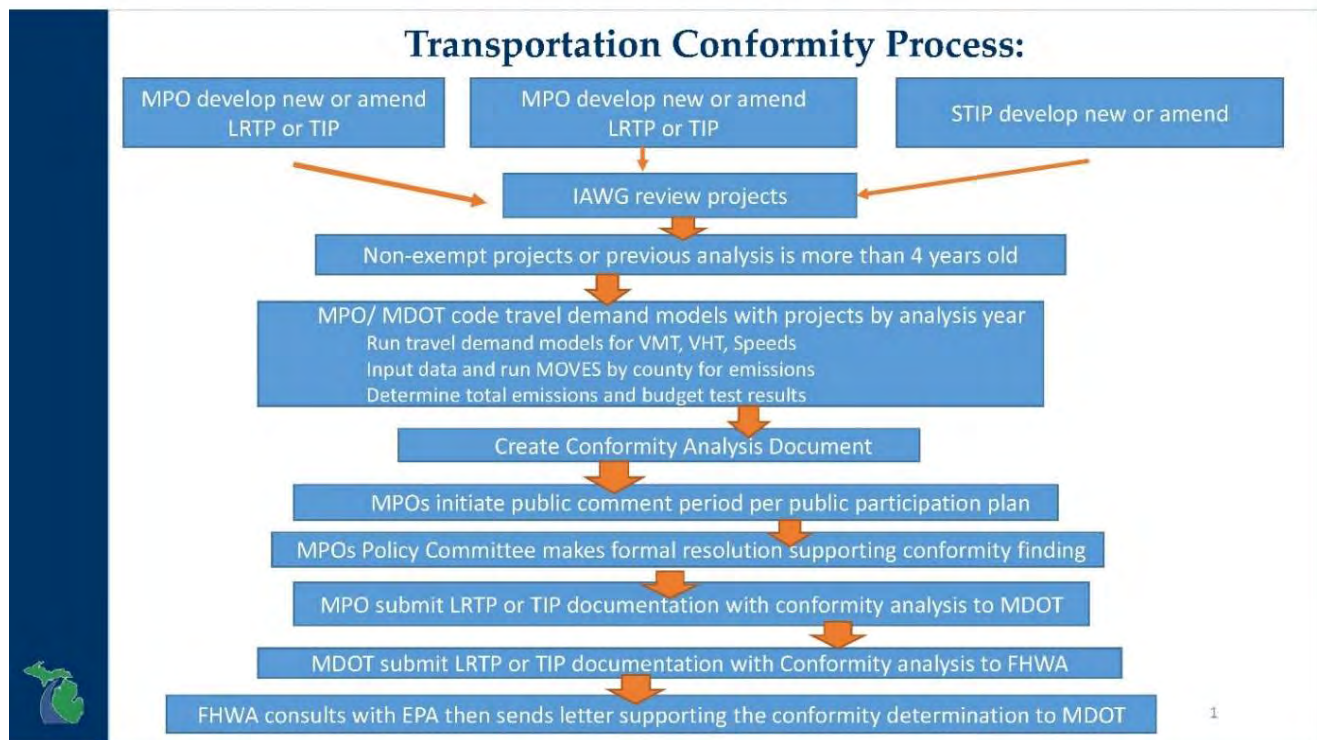
Other discussion topics:

The group discussed that the classification for both the Allegan and Muskegon 2015 ozone nonattainment areas will be changed from marginal to moderate because the areas did not attain the 2015 ozone NAAQS standard by August 2021. The Environmental Protection Agency (EPA) provided the link to the proposed rule which was published in the Federal Register on April 13, 2022. Link provided below.

<https://www.federalregister.gov/documents/2022/04/13/2022-07513/determinations-of-attainment-by-the-attainment-date-extensions-of-the-attainment-date-and>

The WestPlan staff indicated they have invited an individual from the Michigan Department of Environment, Great Lakes, and Energy (EGLE) to discuss with businesses what this means for them. It was suggested this would be good for the MACC and the MPOs in Berrien County, too.

It was requested the steps in the conformity process be described. The steps were described as depicted in the image below. Picture being used here to provide clarity.



The group discussed the idea of the MITC-IAWG only reviewing projects at the construction phase. Phases such as PE, EPE, ROW, NI, etc. would not be reviewed. The WestPlan staff thought this would make the process less confusing. All federal partners will need to agree because certain phases affect different federal partners, like the Federal Transit Administration (FTA). MDOT will draft an e-mail to the Federal Highway Administration (FHWA) so the idea can be presented to FHWA headquarters.

Additional MITC-IAWG Meeting:

An e-mail request for additional review was sent to the MITC-IAWG on Monday, April 18, 2022, to get concurrence for the exempt status for the road diet on Turner Avenue NW. Responses were received from FHWA, EGLE, MDOT, WestPlan, GVMC, and the MACC all concurring with the exempt status. Attached below is the initial e-mail and road diet questionnaire.

Wittl, Donna (MDOT)

From: Wittl, Donna (MDOT)
Sent: Monday, April 18, 2022 4:43 PM
To: leslie.michael@epa.gov; Sibold, Andrew (FHWA); Weber, Susan (FTA); rena.redic@dot.gov; Stewart.Mckenzie; Bukowski, Breanna (EGLE); Walters, Luke (MDOT); Franklin, Jeff (MDOT); Alec Miller; Amy Haack (Muskegon MPO); bmulnix; jfitzpatrick@wmsrdc.org; andrea.faber@gvmc.org; Laurel Joseph; George Yang; Kloha, Mark (MDOT); Kent, Tyler (MDOT); Kent, Dennis (MDOT); Loehle, William (MDOT); Rozema, Susan (MDOT); Peterson, Brad (MDOT); Khavajian, Daniela (MDOT); Gladding, Ryan (MDOT); Roberts, Jonathan (MDOT); Featherly, Fred (MDOT); Bowden, Heather (MDOT); Arcuicci, Janet (MDOT); Jason Latham; Ignasiak, Christina (FHWA)
Subject: Additional review of project for MITC-IAWG April 14 Meeting
Attachments: Road Diet Questionnaire_TurnerBikeway2026 Grand Rapids.docx; GVMC Projects Additional Projects new 23 to 26 TIP.xlsx

Greetings MITC-IAWG Members and Partners for:

Allegan County Nonattainment Area
Muskegon County Nonattainment Area
Grand Rapids Limited Orphan Maintenance Area

At the April 14 meeting the group reviewed and discussed several non-motorized projects brought by GVMC. One of the projects, that does not have a Job number, in the City of Grand Rapids was thought to be reducing through lanes. Clarification was obtained on this project; the project will remove one through lane for $\frac{1}{4}$ of a mile on Turner Ave NW. Turner Ave NW is a one-way street. Given the current policies of the interagency workgroup this project is nonexempt unless the group determines the project is exempt given the information provided on the road diet questionnaire. The MPO and MDOT believe this road diet project should be classified as exempt given the road diet questionnaire attached.

Also attached is the spreadsheet with the 10 projects GVMC brought to the meeting with air quality marked. Project in yellow is for the above-mentioned road diet.

Please review the attached road diet questionnaire and reply to this email with "concur" if you agree with the recommendation. Please use "reply to all. Responses due by **Monday April 25, 2022.**

Also, job number 214789, project within the MACC project list, was discussed at length with a description of left turn lane and the group classified it as such as non-exempt. The correct description should have been continuous left center turn lane. As such the project is exempt. The project was modeled in the LRTP air quality runs and thus has been modeled and will continue to be modeled.

Thanks for your participation,
Donna
Donna Wittl
Air Quality Conformity Specialist
Statewide & Urban Travel Analysis Section
Michigan Department of Transportation
517-335-4620
WittlD@Michigan.gov

GVMC Road Diet Questionnaire

Click "Enable Editing" to begin filling out this form. You may save this form at any time.

Applicant Information			
Agency Name	City of Grand Rapids		
Contact Name	Kristin Bennett	Title	Transportation Engineering Projects Manager
Phone Number	616.456.3753	Email	krbennett@grand-rapids.mi.us

Project Information			
Project Name/Road Name	Turner Avenue/Mt. Vernon Avenue/2 nd St		
Project Limits	Turner Ave NW between 4th St NW to Bridge St NW, Mount Vernon Ave NW between Bridge St NW and Pearl St NW, and 2nd St NW between Turner Ave NW and Stocking Ave NW		
Project Length (nearest hundredth of a mile)	1.00	Proposed Year of construction	2026
Project Description (Please provide major work items including sidewalks, utility work, ADA upgrades etc.)	<p>Construction of bicycle facilities to provide two-way bicycle facilities with connections to existing bicycle facilities on Turner Ave north of 4th St, 4th St west of Turner Ave, and Pearl St/Lake Michigan Dr west of Mount Vernon and connections to planned bicycle facilities on Mount Vernon Ave south of Pearl St, Stocking Ave north of 2nd St, 1st/2nd St west of Stocking Ave, and Pearl St east of Mount Vernon.</p> <p>Turner Ave currently at this location is a one-way street with two through lanes. one excess travel lane will be removed on Turner between 3rd and Bridge (only ¼ mile in length). No other travel lanes will be impacted by the project.</p>		

Traffic Volume			
What is the most current AADT the limits of this project?	2,642 (on the road diet section)	Year of Traffic Volume	2018
Estimate/Actual Count	<input checked="" type="checkbox"/> Count <input type="checkbox"/> Estimate	Source: GVMC Count Database	
In the most recent travel demand model what traffic volume is estimated in 2045	2,485		

Existing and Proposed Roadway Design				
	Existing		Proposed	
Number of Lanes	Through Traffic Lanes	Center Turn Lane	Through Traffic Lanes	Center Turn Lane
	2	0	1	0
Lane With (ft.)	11		12	
Shoulder Surface	<input checked="" type="checkbox"/> Paved <input type="checkbox"/> Unpaved	Width (ft.)	<input checked="" type="checkbox"/> Paved <input type="checkbox"/> Unpaved	Width (ft.)
On road bicycle facilities	<input checked="" type="checkbox"/> Bike Lane <input type="checkbox"/> Other (specify) _____ <input checked="" type="checkbox"/> Sharrows _____ <input type="checkbox"/> Wide Shoulders <input checked="" type="checkbox"/> None		<input checked="" type="checkbox"/> Bike Lane <input checked="" type="checkbox"/> Other (specify) _____ <input type="checkbox"/> Sharrows Two-way Bikeway <input type="checkbox"/> Wide Shoulders <input type="checkbox"/> None	
Please describe any improvements being made as part of this project to crosswalks, signage or signals, or streetscape elements not discussed in project description				

Appendix B: Public Comments and Responses

Appendix C: Projects Evaluated for Conformity Analysis

Attached are all the projects evaluated at the April 14, 2022, MITC-IAWG. The projects for WestPlan within Muskegon County are being evaluated in this conformity report.

The list of projects begins on the following page.

MACC Project List for 2023-2016 TIP for Allegan and Ottawa Counties

Fiscal Year	Job Type	Job#	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	Air Quality	Air Quality Comment
2023	Local	206323	Allegan	ACRC	136th Ave	58th Street to 50th Street	4.000	Road Rehabilitation	Resurfacing	CON	\$160,000	\$0	\$40,000	\$200,000	HIC	\$700,000.00	exempt	
2023	Local	206323	Allegan	ACRC	136th Ave	58th Street to 50th Street	4.000	Road Rehabilitation	Resurfacing	CON	\$400,000	\$0	\$100,000	\$500,000	STUL	\$700,000.00	exempt	
2023	Local	206346	Allegan	ACRC	Blue Star Hwy	Blue Star Hwy	0.824	New Facilities	Non-Motorized Pathway	CON	\$400,000	\$0	\$508,264	\$908,264	CM	\$908,264.00	exempt	
2026	Local	214775	Allegan	ACRC	136th Ave	50th Street to M-40	1.220	Road Rehabilitation	Resurfacing	CON	\$365,750	\$0	\$1,334,250	\$1,700,000	STUL	\$1,700,000.00	exempt	
2025	Local	214776	Allegan	ACRC	48th St	142nd Avenue to Ottogan Street	2.782	Road Capital Preventive Maintenance	Resurfacing	CON	\$396,667	\$0	\$226,583	\$623,250	STUL	\$623,250.00	exempt	
2024	Local	214789	Allegan	ACRC	Blue Star Hwy	500' S of 142nd Avenue to 143rd Avenue	0.599	Road Rehabilitation	Resurfacing and the addition of a continues left center turn lane. The proposed cross section would consist of 3 11' wide lanes, 6' paved shoulders, and 1.5' gravel shoulder.	CON	\$170,333	\$0	\$629,667	\$800,000	STUL	\$800,000.00	exempt	Left center turn lanes of a mile or less are exempt. Modeled in travel demand model.
2023	Local	206322	Allegan	Holland	Waverly Rd	Waverly at M-40	0.100	Traffic Safety	Intersection Improvement	CON	\$32,127	\$0	\$42,873	\$75,000	HIC	\$300,000.00	exempt	adding second left turn lane. One project different funding sources
2023	Local	206322	Allegan	Holland	Waverly Rd	Waverly at M-40	0.100	Traffic Safety	Intersection Improvement	CON	\$175,000	\$0	\$50,000	\$225,000	STUL	\$300,000.00	exempt	adding second left turn lane. One project different funding sources
2024	Local	215242	Ottawa	Holland	Columbia Ave	10th Street to 24th Street	0.907	Reconstruction	Reconstruction	CON	\$994,334	\$0	\$3,005,666	\$4,000,000	STUL	\$4,000,000.00	exempt	
2026	Local	215249	Ottawa	Holland	Waverly Rd	Chicago Drive to 16th Street	0.996	Road Rehabilitation	Resurfacing	CON	\$495,750	\$0	\$1,004,250	\$1,500,000	STUL	\$1,500,000.00	exempt	
2023	Local	206345	Ottawa	Holland Twp	Greenly St	Greenly Street: 120th-112th	1.020	New Facilities	Non-Motorized Pathway	CON	\$67,866	\$0	\$16,967	\$84,833	CRSM	\$503,000.00	exempt	
2023	Local	206345	Ottawa	Holland Twp	Greenly St	Greenly Street: 120th-112th	1.020	New Facilities	Non-Motorized Pathway	CON	\$132,134	\$0	\$286,033	\$418,167	CM	\$503,000.00	exempt	
2023	Local	206313	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2023	Local	206344	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Program	NI	\$35,000	\$0	\$10,000	\$45,000	CM	\$45,000.00	exempt	
2024	Local	214514	Ottawa	MACC	Douglas Ave	Area-Wide (MACC office, 301 Douglas Ave.)	0.000	Planning, Research & Design	Clean Air Action Program (10/01/2023 - 09/30/2024)	NI	\$20,000	\$0	\$5,000	\$25,000	CM	\$25,000.00	exempt	
2025	Local	214519	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Action Program (10/01/2024 - 09/30/2025)	NI	\$20,000	\$0	\$5,000	\$25,000	CM	\$25,000.00	exempt	
2026	Local	214521	Ottawa	MACC	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Action Program (10/01/2025 - 09/20/2026)	NI	\$20,000	\$0	\$5,000	\$25,000	CM	\$25,000.00	exempt	
2024	Local	215447	Ottawa	MACC	Areawide	Areawide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2025	Local	215453	Ottawa	MACC	Areawide	Areawide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2026	Local	215454	Ottawa	MACC	Areawide	Areawide	0.000	Planning, Research & Design	Data Collection	NI	\$17,000	\$0	\$4,250	\$21,250	STUL	\$21,250.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY23 - 5307 Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	1110-Bus Rolling Stock	FY23 - 5307 Transit Capital Items	NI	\$224,000	\$56,000	\$0	\$280,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY23 - 5307 Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY23 - 5307 Transit Capital Items	NI	\$16,000	\$4,000	\$0	\$20,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207581	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1404-computers (hardware and software)	FY23 - 5307 Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$330,000.00	exempt	
2023	Multi-Modal	207582	Ottawa	MAX	Transit Operating	MAX Service Area	0.000	SP3000-operating except JARC and New Freedom	Operating	NI	\$1,210,474	\$1,640,827	\$1,210,474	\$4,061,775	5307	\$4,061,775.00	exempt	
2023	Multi-Modal	207584	Ottawa	MAX	Transit Operating	MAX Service Area	0.000	6470-New Freedom Projects	Twilight & Night Owl	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2023	Multi-Modal	207585	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	6410-5310 Projects	Mobility Management	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2023	Multi-Modal	207588	Ottawa	MAX	Transit Capital	MAX Service Area	0.000	SP1101-<30 foot replacement bus with or without lift	Bus Replacement	NI	\$144,000	\$36,000	\$0	\$180,000	5339	\$180,000.00	exempt	
2024	Multi-Modal	214523	Ottawa	MAX	Lincoln Ave	Area-Wide	0.000	SP1409-administrative vehicle	FY 2024 CMAQ: Two <30 foot replacement buses and one administrative vehicle	NI	\$40,000	\$10,000	\$0	\$50,000	CM	\$251,845.00	exempt	
2024	Multi-Modal	214523	Ottawa	MAX	Lincoln Ave	Area-Wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2024 CMAQ: Two <30 foot replacement buses and one administrative vehicle	NI	\$161,476	\$40,369	\$0	\$201,845	CM	\$251,845.00	exempt	
2026	Multi-Modal	214524	Ottawa	MAX	Lincoln Ave	Area-Wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2026 CMAQ: One <30 foot replacement bus with or without lift	NI	\$210,424	\$52,606	\$0	\$263,030	CM	\$263,030.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$12,000	\$3,000	\$0	\$15,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1409-administrative vehicle	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$18,000	\$4,500	\$0	\$22,500	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$190,296	\$47,574	\$0	\$237,870	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1404-computers (hardware and software)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$797,717.00	exempt	
2024	Multi-Modal	214582	Ottawa	MAX	Transit Capital	Area-wide	0.000	SP1106-<30 foot expansion bus with or without lift	FY24 5307: Bus replacement, service vehicle, and expansion bus	NI	\$393,878	\$98,469	\$0	\$492,347	5307	\$797,717.00	exempt	

MACC Project List for 2023-2016 TIP for Allegan and Ottawa Counties

Fiscal Year	Job Type	Job#	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	Air Quality	Air Quality Comment
2024	Multi-Modal	214585	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	SP1101-<30 foot replacement bus with or without lift	FY24 5339: Bus Replacement	NI	\$132,061	\$33,015	\$0	\$165,076	5339	\$165,076.00	exempt	
2024	Multi-Modal	214587	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	6410-5310 Projects	FY 2024 Section 5310: Mobility Management	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2024	Multi-Modal	214588	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	6470-New Freedom Projects	FY 2024 Section 5310: Twilight & Night Owl	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2024	Multi-Modal	214589	Ottawa	MAX	Lincoln Ave	Area-wide	0.000	3000-Operating Assistance	FY 2024 Section 5307: Transit Operating Assistance	NI	\$1,927,000	\$1,641,000	\$566,000	\$4,134,000	5307	\$4,134,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	5307: FY26 Bus Replacement	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	5307: FY26 Bus Replacement	NI	\$12,000	\$3,000	\$0	\$15,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	5307: FY26 Bus Replacement	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	5307: FY26 Bus Replacement	NI	\$192,800	\$48,200	\$0	\$241,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215664	Ottawa	MAX	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	5307: FY26 Bus Replacement	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$286,000.00	exempt	
2026	Multi-Modal	215665	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP3000-operating except JARC and New Freedom	5307: FY26 Transit Operating Assistance	NI	\$1,322,716	\$1,640,827	\$1,322,716	\$4,286,259	5307	\$4,286,259.00	exempt	
2026	Multi-Modal	215739	Ottawa	MAX	Lincoln Ave	Areawide	0.000	6470-New Freedom Projects	FY26 5310 NF Operating	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2026	Multi-Modal	215747	Ottawa	MAX	Transit Capital	Areawide	0.000	6410-5310 Projects	5310: FY26 Mobility Management	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2026	Multi-Modal	215748	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY26 5339 - Transit Capital	NI	\$132,061	\$33,015	\$0	\$165,076	5339	\$165,076.00	exempt	
2024	Multi-Modal	215787	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY24 Carbon Reduction - SP1101 partial <30 foot replacement bus	NI	\$91,213	\$22,803	\$0	\$114,016	CRSM	\$114,016.00	exempt	
2026	Multi-Modal	215793	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY26 Carbon Reduction - SP1101 partial <30 foot replacement bus	NI	\$82,265	\$20,566	\$0	\$102,831	CRSM	\$102,831.00	exempt	
2025	Multi-Modal	215871	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP3000-operating except JARC and New Freedom	FY25 - 5307 - SP3000 Transit Operating	NI	\$1,284,191	\$1,640,827	\$1,284,191	\$4,209,209	5307	\$4,209,209.00	exempt	
2025	Multi-Modal	215873	Ottawa	MAX	Lincoln Ave	Areawide	0.000	6470-New Freedom Projects	FY25 - 5310 - 6470 Transit Operating	NI	\$142,500	\$0	\$142,500	\$285,000	5310	\$285,000.00	exempt	
2026	Multi-Modal	215874	Ottawa	MAX	Lincoln Ave	Areawide	0.000	6410-5310 Projects	FY25 - 5310 Transit Capital 6410-5310	NI	\$56,000	\$14,000	\$0	\$70,000	5310	\$70,000.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY25 - 5307 - Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY25 - 5307 - Transit Capital Items	NI	\$162,893	\$40,723	\$0	\$203,616	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1404-computers (hardware and software)	FY25 - 5307 - Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY25 - 5307 - Transit Capital Items	NI	\$8,000	\$2,000	\$0	\$10,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215895	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY25 - 5307 - Transit Capital Items	NI	\$12,000	\$3,000	\$0	\$15,000	5307	\$248,616.00	exempt	
2025	Multi-Modal	215896	Ottawa	MAX	Lincoln Ave	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY25 - 5339 - SP1101 Transit Capital (to replace)	NI	\$132,061	\$33,015	\$0	\$165,076	5339	\$165,076.00	exempt	
2023	Trunkline	204951	Kent	MDOT	Regionwide	Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	CON	\$45,570	\$5,063	\$0	\$50,633	HSIP	\$722,541.00	exempt	
2024	Trunkline	205235	Ottawa	MDOT	I-96	I-196 in Ottawa and Allegan	34.885	ITS Applications	Rural Freeway Traffic Management systems	CON	\$1,058,565	\$234,734	\$0	\$1,293,299	NH	\$4,519,584.00	exempt	
2023	Trunkline	207358	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$2,860,000.00	exempt	
2023	Trunkline	207358	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$323,190	\$35,910	\$0	\$359,100	HSIP	\$2,860,000.00	exempt	
2023	Trunkline	207359	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$500,000.00	exempt	
2023	Trunkline	207359	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$55,566	\$6,174	\$0	\$61,740	HSIP	\$500,000.00	exempt	
2023	Trunkline	207375	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2024	Trunkline	207384	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$3,110,000.00	exempt	
2024	Trunkline	207384	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$351,540	\$39,060	\$0	\$390,600	HSIP	\$3,110,000.00	exempt	
2024	Trunkline	207385	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$500,000.00	exempt	
2024	Trunkline	207385	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$55,566	\$6,174	\$0	\$61,740	HSIP	\$500,000.00	exempt	
2024	Trunkline	207399	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.845	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2023	Trunkline	207962	Allegan	MDOT	M-40	Reimink Street north to 52nd Street	4.125	Road Capital Preventive Maintenance	Single Course Chip Seal	CON	\$590,139	\$130,862	\$0	\$721,000	NH	\$746,000.00	exempt	
2025	Trunkline	209616	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$2,960,000.00	exempt	
2025	Trunkline	209616	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$334,530	\$37,170	\$0	\$371,700	HSIP	\$2,960,000.00	exempt	
2025	Trunkline	209617	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$475,000.00	exempt	
2025	Trunkline	209617	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$52,731	\$5,859	\$0	\$58,590	HSIP	\$475,000.00	exempt	
2025	Trunkline	209631	Kent	MDOT	Regionwide	All trunkline routes of MACC MPO	2.868	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2023	Trunkline	210058	Ottawa	MDOT	I-196 BL	From US-31 east to I-196	4.940	Road Rehabilitation	Inlay	CON	\$23,327,250	\$5,125,678	\$47,072	\$28,500,000	NH	\$30,500,000.00	exempt	

MACC Project List for 2023-2016 TIP for Allegan and Ottawa Counties

Fiscal Year	Job Type	Job#	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	Air Quality	Air Quality Comment
2026	Trunkline	213275	Kent	MDOT	Regionwide	All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$2,960,000.00	exempt	
2026	Trunkline	213275	Kent	MDOT	Regionwide	All trunkline routes in Grand Region, All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	CON	\$334,530	\$37,170	\$0	\$371,700	HSIP	\$2,960,000.00	exempt	
2026	Trunkline	213339	Kent	MDOT	Regionwide	All trunkline routes in MACC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	PE	\$1,134	\$126	\$0	\$1,260	HSIP	\$900,000.00	exempt	
2026	Trunkline	213339	Kent	MDOT	Regionwide	All trunkline routes in MACC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	CON	\$100,926	\$11,214	\$0	\$112,140	HSIP	\$900,000.00	exempt	
2026	Trunkline	213366	Kent	MDOT	Grand Region Regionwide Pvmr Mrkg Retro Readings	All of MACC MPO	14.886	Traffic Safety	Pvmr mrkg retroreflectivity readings on trunklines in Grand Region	CON	\$1,814	\$202	\$0	\$2,016	HSIP	\$16,000.00	exempt	
2024	Trunkline	214189	Muskegon	MDOT	Regionwide	US-31, I-196 at 32nd	0.000	Traffic Safety	Modernize signalized intersections	PE	\$51,494	\$0	\$0	\$51,494	STG	\$2,256,614.00	exempt	
2026	Trunkline	214189	Muskegon	MDOT	Regionwide	US-31, I-196 at 32nd	0.000	Traffic Safety	Modernize signalized intersections	ROW	\$3,333	\$0	\$0	\$3,333	STG	\$2,256,614.00	exempt	
2024	Trunkline	214956	Allegan	MDOT	I-196	I-196 over the CSX Railroad	0.000	Bridge Rehabilitation	Substructure Repairs	CON	\$3,240,000	\$360,000	\$0	\$3,600,000	BFPI	\$4,100,000.00	exempt	
2023	Local	206128	Ottawa	OCRC	64th Ave	Byron Rd. to Chicago Dr. (M-121)	1.900	Road Capital Preventive Maintenance	Resurfacing and paved shoulders	CON	\$370,000	\$0	\$360,000	\$730,000	STUL	\$730,000.00	exempt	
2023	Local	206145	Ottawa	OCRC	8th Street/Chicago Drive	US-31 to Chicago Drive, 8th Street to US-31	1.250	Road Capital Preventive Maintenance	Resurfacing	CON	\$700,000	\$0	\$275,000	\$975,000	STUL	\$975,000.00	exempt	
2025	Local	214268	Ottawa	OCRC	152nd Ave	152nd Avenue from Butternut Drive to Quincy Street	0.526	New Facilities	New non-motorized pathway	CON	\$205,906	\$0	\$75,615	\$281,521	CM	\$390,000.00	exempt	
2025	Local	214268	Ottawa	OCRC	152nd Ave	152nd Avenue from Butternut Drive to Quincy Street	0.526	New Facilities	New non-motorized pathway	CON	\$86,783	\$0	\$21,696	\$108,479	CRSM	\$390,000.00	exempt	
2026	Local	214812	Ottawa	OCRC	Port Sheldon St	120th Avenue to 96th Avenue	2.998	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$58,923	\$0	\$58,923	EDD	\$1,050,000.00	exempt	
2026	Local	214812	Ottawa	OCRC	Port Sheldon St	120th Avenue to 96th Avenue	2.998	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$718,000	\$0	\$273,077	\$991,077	STL	\$1,050,000.00	exempt	
2025	Local	214927	Ottawa	OCRC	120th Ave	Taylor Street to Fillmore Street	0.973	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$239,333	\$0	\$91,026	\$330,359	STL	\$350,000.00	exempt	
2025	Local	214927	Ottawa	OCRC	120th Ave	Taylor Street to Fillmore Street	0.973	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$19,641	\$0	\$19,641	EDD	\$350,000.00	exempt	
2026	Local	214974	Ottawa	OCRC	Port Sheldon St	120th Avenue Intersection	2.505	Traffic Safety	Roundabout	CON	\$365,750	\$0	\$584,250	\$950,000	STUL	\$950,000.00	exempt	exempt-intersection channelization project
2026	Local	215125	Ottawa	OCRC	Butternut Drive	Lakewood Boulevard to Riley Street	1.830	Road Capital Preventive Maintenance	Resurfacing	CON	\$495,750	\$0	\$304,250	\$800,000	STUL	\$800,000.00	exempt	
2024	Local	215164	Ottawa	OCRC	Riley St	US 131 to 112th Avenue	1.789	Road Capital Preventive Maintenance	Resurfacing	CON	\$494,333	\$0	\$205,667	\$700,000	STUL	\$700,000.00	exempt	
2025	Local	215172	Ottawa	OCRC	Riley St	112th Avenue to 96th Avenue	1.993	Road Capital Preventive Maintenance	Resurfacing	CON	\$496,666	\$0	\$343,334	\$840,000	STUL	\$840,000.00	exempt	
2025	Local	215254	Ottawa	Zeeland	S Church St	Washington Avenue to Central Avenue	0.233	Reconstruction	Reconstruction	CON	\$796,667	\$0	\$1,471,033	\$2,267,700	STUL	\$2,267,700.00	exempt	

Allegan County Project List for Rural STIP 2023 to 2026

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Air Quality	Air Quality Comment
2023	Local	207033	Local Road	Rural	Allegan	Allegan County	106th Ave	106th Avenue & Marsh Road from 10th Street to Barry County Line	6.679	Road Rehabilitation	Asphalt pavement Repair, Resurface with HMA	CON	\$0	\$173,039	\$0	\$173,039	EDD	exempt	
2023	Local	207033	Local Road	Rural	Allegan	Allegan County	106th Ave	106th Avenue & Marsh Road from 10th Street to Barry County Line	6.679	Road Rehabilitation	Asphalt pavement Repair, Resurface with HMA	CON	\$805,200	\$0	\$400,000	\$1,205,200	STL	exempt	
2023	Local	208258	Local Road	Rural	Allegan	Allegan County	26th St	M-89 to 114th Avenue	1.274	Road Rehabilitation	Resurface	CON	\$155,000	\$0	\$45,000	\$200,000	STUL	exempt	
2023	Local	208259	Local Road	Rural	Allegan	Allegan County	Monroe Rd	Grove Street to M-40	1.374	Road Rehabilitation	Resurface	CON	\$140,000	\$0	\$55,000	\$195,000	STUL	exempt	
2023	Local	209368	Local Road	Rural	Allegan	Otsego	Dix St	M-89 to City Limits	1.542	Road Rehabilitation	Complete Mill and Fill of Dix St. and Washington St.	CON	\$375,000	\$0	\$125,000	\$500,000	STUL	exempt	
2023	Trunkline	128163	S/TIP Line items	Rural	Allegan	MDOT	M-89	From M-222 east to 29th Street	1.826	Road Rehabilitation	Mill, Joint Repairs, HMA Overlay, ADA Ramps	CON	\$2,863,113	\$634,887	\$0	\$3,498,000	NH	exempt	
2023	Local	213853	S/TIP Line items	Rural	Allegan	Allegan County	138th Ave	138th Avenue from 24th Street to 21st Street, Allegan County	1.499	Traffic Safety	Horizontal and vertical alignment modifications, shoulder widening	CON	\$600,000	\$0	\$233,860	\$833,860	HRRR	exempt	
2023	Multi-Modal	207256	Transit Capital	Rural	Allegan	Allegan County Board of Commissioners	Transit Capital	Areawide	0.000	1140-Bus Support Equip / Facilities	FY 2023 Small Urban Program - Facility Construction	NI	\$64,000	\$16,000	\$0	\$80,000	STUL	exempt	
2023	Multi-Modal	214917	Transit Capital	Rural	Allegan	Interurban Transit Authority	E Wiley Rd	Area Wide	0.000	1160-Signal & Communication Equip - B	FY 2023 RTF - Communication Equipment	NI	\$25,600	\$6,400	\$0	\$32,000	STL	exempt	
2023	Multi-Modal	214918	Transit Capital	Rural	Allegan	Interurban Transit Authority	E Wiley Rd	Area Wide	0.000	1140-Bus Support Equip / Facilities	FY 2023 RTF - Facility Improvements	NI	\$27,360	\$6,840	\$0	\$34,200	STL	exempt	
2023	Trunkline	210832	Trunkline Road	Rural	Allegan	MDOT	I-196 N	71st Street north to 118th Avenue	6.995	Road Capital Preventive Maintenance	Concrete Pavement Repairs	CON	\$4,163,400	\$462,600	\$0	\$4,626,000	IM	exempt	
2023	Trunkline	214905	Trunkline Traffic Operations And Safety	Rural	Allegan	MDOT	M-89	At Hubbard Street/Ely Street/M-40 Intersection	0.186	Traffic Safety	Construct Roundabout	CON	\$2,046,251	\$453,751	\$0	\$2,500,000	NH	exempt	
2024	Local	215023	Local Bridge	Rural	Allegan	Van Buren County	Baseline Rd	Baseline Road, Str #10788, over the Black River, Van Buren County	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$103,200	\$19,350	\$6,450	\$129,000	BO	exempt	
2025	Local	213903	S/TIP Line items	Rural	Allegan	Allegan	State St	State Street - Iron Bridge to Water St; Water St - State St to M-222	0.385	Reconstruction	State Street - Reconstruct; Water Street - Mill and resurface	CON	\$385,000	\$0	\$96,250	\$481,250	STUL	exempt	
2025	Multi-Modal	214913	Transit Capital	Rural	Allegan	Interurban Transit Authority	Transit Capital	Area Wide	0.000	1110-Bus Rolling Stock	FY 2025 RTF - Bus Purchase	NI	\$72,000	\$18,000	\$0	\$90,000	STL	exempt	
2026	Trunkline	211493	Trunkline Bridge	Rural	Allegan	MDOT	US-131	Two (2) Bridges on US-131 over the Grand Elk Railroad.	0.000	Bridge CPM	Substructure Patching	CON	\$2,288,527	\$507,475	\$0	\$2,796,000	NH	exempt	

WestPlan Project List for 2023 to 2026 TIP for Muskegon and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Total Estimated Amount	Fund Source	Template Name	Air Quality	Air Quality comment
2030	Trunkline	88877	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31 NB	Franklin Street north to Jackson Street	0.603	Major Widening	Reconstruct and widen	CON	\$491,100	\$108,900	\$0	\$600,000	NH	Capacity Improvement	non-exempt	adding third through lane to north-bound and south-bound boulevard and left turn lanes in median. City of Grand Haven, Ottawa County. Open to traffic date 2030 and modeled in 2035 analysis year.
2023	Trunkline	105534	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31 NB	Slayton Street to South Channel Bridge	0.817	Reconstruction	Reconstruction	CON	\$5,477,402	\$1,214,598	\$0	\$6,692,000	NH	Road - Rehabilitation and Reconstruction	exempt	
2024	Trunkline	124871	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31	US-31 and M-104 in Grand Haven and Spring Lake	5.855	ITS Applications	ITS devices and communications system	CON	\$2,906,437	\$644,494	\$0	\$3,550,931	ST	Intelligent Transportation Systems - Capital	exempt	
2023	Trunkline	201293	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	US-31BR	US-31 BR SB/NB Over The Black Creek	0.000	Bridge Replacement	Structure Replacement	CON	\$7,230,630	\$1,603,372	\$0	\$8,834,000	ST	Bridge Replacement and Preservation	exempt	
2023	Trunkline	204951	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	Muskegon	0.000	Traffic Safety	Install traffic signal dilemma zone systems	CON	\$118,640	\$13,182	\$0	\$131,822	HSIP	Traffic And Safety - Safety Programs	exempt	
2023	Local	205209	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	West Michigan Shoreline Regional Development Commission Offices	0.000	Planning, Research & Design	FY23 (10/01/2022 - 09/30/2023) Clean Air Action Outreach and Marketing	NI	\$100,000	\$0	\$25,000	\$125,000	CM	CMAQ	exempt	
2023	Local	205398	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Mercury Dr	144th Ave to Comstock Street	1.745	Road Rehabilitation	HMA Mill and resurface	CON	\$510,000	\$0	\$155,000	\$665,000	STUL	STP - Small MPO	exempt	
2023	Local	205401	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Glenside Blvd	62' south of Sherman to 18' south of RR tracks	0.220	Reconstruction	Reconstruct	CON	\$300,000	\$0	\$137,000	\$437,000	STUL	STP - Small MPO	exempt	
2023	Local	205401	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Glenside Blvd	62' south of Sherman to 18' south of RR tracks	0.220	Reconstruction	Reconstruct	CON	\$88,593	\$0	\$0	\$88,593	HIC	HIP - Small MPO	exempt	
2023	Local	205415	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Sherman Blvd	Glenside Blvd to Seaway Drive	0.915	Reconstruction	Reconstruction	CON	\$357,000	\$0	\$1,863,000	\$2,220,000	STUL	STP - Small MPO	exempt	
2023	Local	205418	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Shettler Rd	US-31 to Sheridan Road	1.000	Reconstruction	Reconstruct	CON	\$376,000	\$0	\$219,000	\$595,000	STUL	STP - Small MPO	exempt	
2023	Local	205427	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon Heights	Hackley Ave	Manz Street to Getty Street	0.440	Reconstruction	Mill and fill	CON	\$88,593	\$0	\$0	\$88,593	HIC	HIP - Small MPO	exempt	
2023	Local	205427	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon Heights	Hackley Ave	Manz Street to Getty Street	0.440	Reconstruction	Mill and fill	CON	\$350,000	\$0	\$136,000	\$486,000	STUL	STP - Small MPO	exempt	
2023	Local	205428	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Whitehall	Warner St	Slocum Street to Benston Road	0.996	Reconstruction	Road rehabilitation	CON	\$250,000	\$0	\$62,500	\$312,500	STUL	STP - Small MPO	exempt	
2023	Local	205428	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Whitehall	Warner St	Slocum Street to Benston Road	0.996	Reconstruction	Road rehabilitation	CON	\$88,593	\$0	\$0	\$88,593	HIC	HIP - Small MPO	exempt	
2023	Local	205428	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon	Sanford/Peck St	Keating Avenue to Laketon Avenue	0.540	Reconstruction	Reconstruct	CON	\$540,000	\$0	\$260,000	\$800,000	STUL	STP - Small MPO	exempt	
2023	Local	205907	S/TIP Line Items	West Michigan Metropolitan	Muskegon County	Muskegon County	Ravenna Rd	Apple Ave to Bailey Road	3.044	Road Rehabilitation	Crush and shape and asphalt resurfacing	CON	\$602,670	\$0	\$221,905	\$824,575	STL	STP - Rural/Flexible	exempt	
2023	Local	205907	S/TIP Line Items	West Michigan Metropolitan	Muskegon County	Muskegon County	Ravenna Rd	Apple Ave to Bailey Road	3.044	Road Rehabilitation	Crush and shape and asphalt resurfacing	CON	\$0	\$220,877	\$0	\$220,877	EDD	TEDF Category D	exempt	
2023	Local	205907	S/TIP Line Items	West Michigan Metropolitan	Muskegon County	Muskegon County	Ravenna Rd	Apple Ave to Bailey Road	3.044	Road Rehabilitation	Crush and shape and asphalt resurfacing	CON	\$89,064	\$0	\$0	\$89,064	HIC	HIP - Rural	exempt	
2023	Trunkline	207358	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207358	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline route of WESTPLAN MPO, All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$215,460	\$23,940	\$0	\$239,400	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207359	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207359	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$37,044	\$4,116	\$0	\$41,160	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Trunkline	207375	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207384	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207384	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$234,360	\$26,040	\$0	\$260,400	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207385	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207385	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$37,044	\$4,116	\$0	\$41,160	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207399	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.845	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2024	Trunkline	207544	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$92,000	\$0	\$0	\$92,000	STG	Traffic And Safety - Signs	exempt	
2026	Trunkline	207544	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade, Non-freeway signing upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$527,121	\$0	\$0	\$527,121	STG	Traffic And Safety - Signs	exempt	
2024	Trunkline	207967	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	From Shonast Street east to Maple Island Road	6.904	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$8,353,611	\$1,852,389	\$0	\$10,206,000	ST	Road - Rehabilitation and Reconstruction	exempt	
2025	Trunkline	209616	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209616	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$223,020	\$24,780	\$0	\$247,800	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209617	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209617	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$35,154	\$3,906	\$0	\$39,060	HSIP	Traffic And Safety - Pavement Markings	exempt	
2025	Trunkline	209631	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes of WESTPLAN MPO	2.868	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Local	212255	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Fruitport	Bridge Street	Bridge Street, Str #7696 over Norris Creek, Village of Fruitport	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$172,800	\$32,400	\$10,800	\$216,000	BHT	STP - Flexible (Bridge)	exempt	
2023	Local	212256	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Green Street	Green Street, Str #8831 over Stearns Bayou, Ottawa County	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$142,400	\$8,900	\$26,700	\$178,000	BHT	STP - Flexible (Bridge)	exempt	
2023	Trunkline	212951	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	US-31	US-31 South of Van Wagner Street	0.024	Reconstruction	Culvert Replacement	CON	\$2,874,572	\$637,428	\$0	\$3,512,000	NH	Culverts-Capital	exempt	
2026	Trunkline	213275	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213275	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes in Grand Region, All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	CON	\$223,020	\$24,780	\$0	\$247,800	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213339	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes in WESTPLAN MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	PE	\$756	\$84	\$0	\$840	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213339	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Regionwide	All trunkline routes in WESTPLAN MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	CON	\$67,284	\$7,476	\$0	\$74,760	HSIP	Traffic And Safety - Pavement Markings	exempt	
2026	Trunkline	213366	S/TIP Line Items	West Michigan Metropolitan	Kent	MDOT	Grand Region	All of WESTPLAN MPO	14.886	Traffic Safety	Pvmt mtrg retroreflectivity readings on trunklines in Grand Region	CON	\$1,210	\$134	\$0	\$1,344	HSIP	Traffic And Safety - Pavement Markings	exempt	
2023	Local	213628	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	WMSRDC Planning Area	0.000	Planning, Research & Design	Non-Motorized/Pedestrian Traffic Counting Devices	NI	\$30,000	\$0	\$0	\$30,000	HIC	HIP - Small MPO	exempt	
2024	Local	213638	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Fruitport	8th St	Park Street to Beech Street	0.275	New Facilities	Construct non-motorized path on east side of street	CON	\$88,593	\$0	\$111,407	\$200,000	HIC	HIP - Small MPO	exempt	
2023	Local	213745	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	Harvey St	Harvey Street at Pontoluna Road and at Sternberg Rd, city of Norton Shores	0.298	Traffic Safety	Signal Backplates	CON	\$9,000	\$0	\$1,000	\$10,000	HSIP	Safety	exempt	
2024	Local	213938	S/TIP Line Items	West Michigan Metropolitan	Ottawa	MDOT	E Exchange St	Elm Street to Lake Avenue	0.381	Road Rehabilitation	Resurface	CON	\$516,300	\$0	\$134,075	\$650,375	STUL	STP - Small MPO	exempt	
2026	Local	214048	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Lincoln St	Intersection of Lincoln and 144th Street	0.001	Traffic Safety	Construct roundabout	CON	\$450,000	\$0	\$500,000	\$950,000	CM	CMAQ	exempt	roundabouts are exempt
2024	Local	214098	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	316 Morris Ave	0.000	Planning, Research & Design	Air quality program	NI	\$90,000	\$0	\$22,500	\$112,500	CM	CMAQ	exempt	
2025	Local	214099	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	Areawide	0.000	Planning, Research & Design	Air quality program	NI	\$90,000	\$0	\$22,500	\$112,500	CM	CMAQ	exempt	
2023	Local	214126	S/TIP Line Items	West Michigan Metropolitan	Muskegon	North Muskegon	Fleming St	Fleming St from Ruddiman Dr to Moulton Ave, city of North Muskegon	0.134	Traffic Safety	Curb and gutter, sidewalk ramps, remove bump out	CON	\$321,840	\$0	\$80,460	\$402,300	HSIP	Safety	exempt	
2025	Local	214151	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Broadway Ave	Along Broadway from Glenside 2000' east	0.400	New Facilities	Construct non-motorized pathway	CON	\$112,633	\$0	\$60,717	\$173,350	CM	CMAQ	exempt	
2024	Trunkline	214189	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-104 at Fruitport	Regionwide	0.000	Traffic Safety	Modernize signalized intersections	PE	\$51,494	\$0	\$0	\$51,494	STG	Traffic Signal Modernization	exempt	
2026	Trunkline	214189	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	Regionwide	M-104 at Fruitport	0.000	Traffic Safety	Modernize signalized intersections	ROW	\$3,333	\$0	\$0	\$3,333	STG	Traffic Signal Modernization	exempt	
2026	Local	214246	S/TIP Line Items	West Michigan Metropolitan	Muskegon	West Michigan Shoreline Regional Development Commission	Morris Ave	Areawide	0.000	Planning, Research & Design	Air quality program	NI	\$90,000	\$0	\$22,500	\$112,500	CM	CMAQ	exempt	
2025	Local	214247	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	US-31 N/Pontaluna Ra	Harvey/Pontaluna	0.000	Traffic Safety	Traffic Signal upgrade	CON	\$113,600	\$0	\$33,400	\$147,000	CM	CMAQ	exempt	
2024	Local	214287	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Montague	Cook St	Stanton Blvd. to Eilers Rd.	0.497	Reconstruction	Crush and shape with improved storm drainage	CON	\$385,000	\$0	\$96,250	\$481,250	STUL	STP - Small Urban	exempt	
2026	Local	214303	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Whitehall Rd	Fruitvale Road to Skeels Road	1.931	Road Rehabilitation	Cold mill existing road surface.	CON	\$385,000	\$0	\$365,214	\$750,214	STUL	STP - Small Urban	exempt	
2025	Local	214367	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Michilinda Rd	Michilinda - Zellar to Scenic	3.240	Road Capital Preventive Maintenance	One Course Asphalt Overlay	CON	\$599,316	\$0	\$149,829	\$749,145	STL	STP - Rural/Flexible	exempt	
2026	Local	214369	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Bailey Rd	Bailey Road from Ravenna Rd to Squires Rd	2.031	Road Rehabilitation	Crush and Shape and Asphalt Resurfacing	CON	\$0	\$189,693	\$0	\$189,693	EDD	TEDF Category D	exempt	
2026	Local	214369	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Bailey Rd	Bailey Road from Ravenna Rd to Squires Rd	2.031	Road Rehabilitation	Crush and Shape and Asphalt Resurfacing	CON	\$599,316	\$0	\$71,000	\$670,316	STL	STP - Rural/Flexible	exempt	
2024	Local	214572	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Michilinda Rd	Michilinda Rd from Whitehall Rd to Zellar Rd	3.239	Road Capital Preventive Maintenance	Crush and Shape and Asphalt resurface	CON	\$369,316	\$0	\$230,000	\$599,316	STL	STP - Rural/Flexible	exempt	
2024	Local	214578																		

WestPlan Project List for 2023 to 2026 TIP for Muskegon and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Total Estimated Amount	Fund Source	Template Name	Air Quality	Air Quality comment
2023	Local	214665	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	Lincoln St	Lincoln St west of Leon St. city of Norton Shores	0.129	Traffic Safety	High Friction Surface Treatment	CON	\$55,280	\$0	\$13,820	\$69,100	HSIP	Safety	exempt	
2024	Local	214704	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Cleveland St	Cleveland Street, Str #8849 over the Crockerly Creek Tributary, Ottawa Co.	0.000	Bridge Replacement	Bride Replacement	CON	\$1,079,200	\$0	\$269,800	\$1,349,000	BRT	STP - Flexible (Bridge)	exempt	
2025	Local	214856	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	120th Ave	120th Avenue from Fillmore to M45	2.030	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$478,667	\$0	\$182,051	\$660,718	STL	STP - Rural/Flexible	exempt	
2025	Local	214856	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	120th Ave	120th Avenue from Fillmore to M45	2.030	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$39,282	\$0	\$39,282	EDD	TEDF Category D	exempt	
2023	Trunkline	214896	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Muskegon Avenue east to Home Street	2.083	Road Rehabilitation	Concrete Pavement Inlay	ROW	\$20,463	\$4,141	\$397	\$25,000	NH	Road - Rehabilitation and Reconstruction	exempt	
2025	Trunkline	214896	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	Muskegon Avenue east to Home Street	2.083	Road Rehabilitation	Concrete Pavement Inlay	CON	\$18,399,880	\$3,723,109	\$357,011	\$22,480,000	NH	Road - Rehabilitation and Reconstruction	exempt	
2025	Trunkline	215062	S/TIP Line Items	West Michigan Metropolitan	Muskegon	MDOT	M-46	M-46 over Crockerly Creek	0.000	Bridge Replacement	Bridge Replacement	CON	\$2,823,825	\$626,175	\$0	\$3,450,000	BFP	Bridge Replacement and Preservation	exempt	
2024	Local	215196	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon Heights	Broadway Ave	Hoyt to Sanford	0.312	Road Rehabilitation	Resurface	CON	\$564,000	\$0	\$282,120	\$846,120	STUL	STP - Small MPO	exempt	
2024	Local	215556	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon	Southern Ave	Lakeshore to Division	0.562	Reconstruction	Reconstruct	CON	\$831,700	\$0	\$1,215,100	\$2,046,800	STUL	STP - Small MPO	exempt	
2024	Local	215559	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Airline Rd	Hile Road to US-31 NB Overpass	0.433	Reconstruction	Reconstruct	CON	\$392,000	\$0	\$113,000	\$505,000	STUL	STP - Small MPO	exempt	
2024	Local	215561	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	W Spring Lake Rd	Multiple Locations, Ottawa County	2.311	Road Rehabilitation	Resurface	CON	\$400,000	\$0	\$275,000	\$675,000	STUL	STP - Small MPO	exempt	
2025	Local	215671	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ferrysburg	168th Ave	West Spring Lake Road to VanWagoner Road	0.595	Reconstruction	Reconstruct	CON	\$450,000	\$0	\$518,310	\$968,310	STUL	STP - Small MPO	exempt	
2025	Local	215674	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Grand Haven	Fulton Ave	N 1st Street to N 5th Street	0.350	Reconstruction	Reconstruct	CON	\$1,028,704	\$0	\$1,615,261	\$2,643,965	STUL	STP - Small MPO	exempt	
2025	Local	215731	S/TIP Line Items	West Michigan Metropolitan	Muskegon	North Muskegon	Ruddiman Dr	Linderman Blvd to Bear Lake Bridge	1.103	Road Rehabilitation	Resurface	CON	\$260,000	\$0	\$125,385	\$385,385	STUL	STP - Small MPO	exempt	
2026	Local	215733	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon	Irwin Ave	Peck Street to Nims Ave	0.627	Reconstruction	Reconstruct	CON	\$900,000	\$0	\$318,800	\$1,618,800	STUL	STP - Small MPO	exempt	
2025	Local	215735	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Roosevelt Park	Maple Grove Rd	40' South of Broadway Ave centerline to 69' north of Norton Ave centerline	0.722	Road Rehabilitation	Resurface	CON	\$232,000	\$0	\$58,000	\$290,000	STUL	STP - Small MPO	exempt	
2025	Local	215738	S/TIP Line Items	West Michigan Metropolitan	Ottawa	Ottawa County	Lincoln St	US-31 to 144th Avenue	2.851	Road Rehabilitation	Resurface	CON	\$784,000	\$0	\$196,000	\$980,000	STUL	STP - Small MPO	exempt	
2026	Local	215759	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Montague	Wilcox St	Old Channel Trail to Cook Street	0.281	Reconstruction	Reconstruct	CON	\$180,000	\$0	\$61,700	\$241,700	STUL	STP - Small MPO	exempt	
2026	Local	215761	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Muskegon County	Evanston Ave	Mill Iron to Wolf Lake Road	2.450	Road Rehabilitation	Resurface	CON	\$837,480	\$0	\$229,370	\$1,066,850	STUL	STP - Small MPO	exempt	
2026	Local	215762	S/TIP Line Items	West Michigan Metropolitan	Muskegon	Norton Shores	McCracken St	Norton Avenue to Boneville Drive	0.512	Reconstruction	Reconstruct	CON	\$990,520	\$0	\$1,386,480	\$2,377,000	STUL	STP - Small MPO	exempt	
2023	Multi-Modal	205207	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	Harbor Transit Service Area	0.000	SP1101-<30 foot replacement bus with or without lift	Bus Replacement FY 2023	NI	\$130,000	\$32,500	\$0	\$162,500	CM	Transit	exempt	
2023	Multi-Modal	205212	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	MATS service area	0.000	SP1103-35-39 foot replacement bus with or without lift	Heavy duty replacement bus	NI	\$285,000	\$71,250	\$0	\$356,250	CM	Transit	exempt	
2023	Multi-Modal	205213	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	MATS service area	0.000	SP1103-35-39 foot replacement bus with or without lift	Heavy duty replacement bus FY 2023 #1	NI	\$354,239	\$88,560	\$0	\$442,799	CM	Transit	exempt	
2023	Multi-Modal	206713	Transit Capital	West Michigan Metropolitan	Muskegon	AgeWell Services of West Michigan	Webster Ave	313 West Webster Avenue, Muskegon, Michigan 49440	0.000	1110-Bus Rolling Stock	Replacement Vehicles (6)	NI	\$179,200	\$44,800	\$0	\$224,000	5310	Transit	exempt	
2023	Multi-Modal	206761	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street	0.000	SP1101-<30 foot replacement bus with or without lift	Purchase one replacement bus	NI	\$65,000	\$16,250	\$0	\$81,250	5339	Transit	exempt	
2023	Multi-Modal	206762	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street Grand Haven MI	0.000	SP1103-35-39 foot replacement bus with or without lift	Purchase one replacement bus	NI	\$104,000	\$26,000	\$0	\$130,000	5307	Transit	exempt	
2023	Multi-Modal	206934	Transit Capital	West Michigan Metropolitan	Muskegon	Pioneer Resources - Muskegon	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	1110-Bus Rolling Stock	Replacement buses, six medium duty with lifts	NI	\$480,000	\$120,000	\$0	\$600,000	5310	Transit	exempt	
2023	Multi-Modal	206979	Transit Capital	West Michigan Metropolitan	Muskegon	Pioneer Resources - Muskegon	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	6470-New Freedom Projects	Regional Mobility management	NI	\$4,000	\$1,000	\$0	\$5,000	5310	Transit	exempt	
2023	Multi-Modal	207051	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	Support equipment	NI	\$40,000	\$10,000	\$0	\$50,000	5307	Transit	exempt	
2023	Multi-Modal	207061	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	6470-New Freedom Projects	Mobility management	NI	\$140,000	\$35,000	\$0	\$175,000	5310	Transit	exempt	
2023	Multi-Modal	207063	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	Support equipment and one bus	NI	\$101,222	\$25,306	\$0	\$126,528	5339	Transit	exempt	
2023	Multi-Modal	207063	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP1103-35-39 foot replacement bus with or without lift	Support equipment and one bus	NI	\$115,000	\$28,750	\$0	\$143,750	5339	Transit	exempt	
2023	Multi-Modal	207079	Transit Capital	West Michigan Metropolitan	Muskegon	Goodwill Industries of West Michigan	M-46	271 East Apple Avenue, Muskegon Michigan 49442	0.000	1110-Bus Rolling Stock	Bus Replacement and Bus Purchase	NI	\$97,998	\$24,500	\$0	\$122,498	5310	Transit	exempt	
2026	Multi-Modal	214053	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1705-public outreach/marketing	FY 26 5307 CMAQ Outreach and Marketing	NI	\$85,568	\$21,392	\$0	\$106,960	CM	Transit	exempt	
2024	Multi-Modal	214096	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Location to be determined	0.000	SP1201-admin/maintenance facility construction	FY24 CMAQ 5307 Flex Construct new transit facility	NI	\$758,494	\$189,623	\$0	\$948,117	CM	Transit	exempt	
2025	Multi-Modal	214102	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1201-admin/maintenance facility construction	FY25 CMAQ 5307 Construct new transit facility	NI	\$516,357	\$129,089	\$0	\$645,446	CM	Transit	exempt	
2026	Multi-Modal	214301	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1103-35-39 foot replacement bus with or without lift	FY2026 CMAQ 5307 Heavy Duty bus replacement	NI	\$345,816	\$86,454	\$0	\$432,270	CM	Transit	exempt	
2024	Multi-Modal	215479	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2025 -SECTION 5307 TRANSIT CAPITAL - <30 ft replacement bus	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2024	Multi-Modal	215553	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2024 5307 <30 FOOT REPLACEMENT BUS	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2024	Multi-Modal	215575	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2024 5339 - Capital - <30 ft replacement bus	NI	\$61,270	\$15,317	\$0	\$76,587	5339	Transit	exempt	
2025	Multi-Modal	215579	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	AREAWIDE	0.000	SP1106-<30 foot expansion bus with or without lift	FY 2025 5307 <30 ft expansion bus	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2025	Multi-Modal	215584	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2025 5339 <30 ft replacement bus	NI	\$62,495	\$15,624	\$0	\$78,119	5339	Transit	exempt	
2026	Multi-Modal	215586	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Operating	AREAWIDE	0.000	SP1106-<30 foot expansion bus with or without lift	FY 2026 5307 Operating CTF Urbanized Formula	NI	\$264,000	\$66,000	\$0	\$330,000	5307	Transit	exempt	
2026	Multi-Modal	215588	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	AREAWIDE	0.000	SP1101-<30 foot replacement bus with or without lift	FY 2026 5339 <30 ft replacement bus	NI	\$63,745	\$15,936	\$0	\$79,681	5339	Transit	exempt	
2025	Multi-Modal	215742	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1201-admin/maintenance facility construction	FY25 Carbon Reduction Flex New facility	NI	\$57,074	\$14,269	\$0	\$71,343	CRSM	Transit - STP - Small MPO - Flex	exempt	
2023	Multi-Modal	215757	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	MATS Service Area	0.000	SP1103-35-39 foot replacement bus with or without lift	FY23 Carbon Reduction Flex Heavy Duty Bus Replacement #1	NI	\$45,761	\$11,440	\$0	\$57,201	CRSM	Transit - STP - Small MPO - Flex	exempt	
2025	Multi-Modal	215767	Transit Capital	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Capital	Areawide	0.000	SP1204-bus terminal facility construction	FY25 Carbon Reduction Flex New transit facility	NI	\$55,643	\$13,911	\$0	\$69,554	CRSM	Transit - STP - Small MPO - Flex	exempt	
2026	Multi-Modal	215768	Transit Capital	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Area-Wide	0.000	SP1103-35-39 foot replacement bus with or without lift	FY25 CMAQ 5307 Heavy Duty Bus Replacement 35' Bus	NI	\$54,184	\$13,546	\$0	\$67,730	CRSM	Transit - STP - Small MPO - Flex	exempt	
2023	Multi-Modal	205205	Transit Operating	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	Harbor Transit service area	0.000	SP1705-public outreach/marketing	FY 2023 Outreach and marketing	NI	\$24,900	\$6,225	\$0	\$31,125	CM	Transit	exempt	
2023	Multi-Modal	206949	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	6470-New Freedom Projects	New freedom	NI	\$69,850	\$0	\$69,850	\$139,700	5310	Transit	exempt	
2023	Multi-Modal	206963	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources - Muskegon	Wesley Ave	601 Terrace, Suite 100 Muskegon MI	0.000	6460-JARC Projects	JARC	NI	\$46,585	\$46,585	\$0	\$93,170	5311	Transit	exempt	
2023	Multi-Modal	207044	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	SP3000-operating except JARC and New Freedom	Operating assistance for delivery of transit and paratransit services	NI	\$1,777,156	\$1,137,380	\$639,776	\$3,554,312	5307	Transit	exempt	
2023	Multi-Modal	207049	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	6th St	2624 Sixth Street	0.000	3000-Operating Assistance	operating assistance for the delivery of non-urban transit services	NI	\$18,000	\$18,000	\$0	\$36,000	5311	Transit	exempt	
2023	Multi-Modal	207682	Transit Operating	West Michigan Metropolitan	Ottawa	Harbor Transit Multi-Model Transportation System	Transit Operating	areawide	0.000	SP3000-operating except JARC and New Freedom	Operating assistance	NI	\$535,000	\$0	\$535,000	\$1,070,000	5307	Transit	exempt	
2024	Multi-Modal	214097	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1603-marketing	FY 2024 - CMAQ 5307 Transit outreach and marketing	NI	\$96,000	\$24,000	\$0	\$120,000	CM	Transit	exempt	
2025	Multi-Modal	214313	Transit Operating	West Michigan Metropolitan	Muskegon	Muskegon County Board of Commissioners	Transit Capital	Areawide	0.000	SP1705-public outreach/marketing	FY 2025 - CMAQ and 5307 Transit outreach and marketing	NI	\$120,000	\$30,000	\$0	\$150,000	CM	Transit	exempt	
2025	Multi-Modal	214606	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6470-New Freedom Projects	FY2025 5310 New Freedom Operating	NI	\$79,530	\$79,530	\$0	\$159,060	5310	Transit	exempt	
2024	Multi-Modal	215509	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6460-JARC Projects	FY2024 5311- JARC Operating	NI	\$46,585	\$46,585	\$0	\$93,170	5311	Transit	exempt	
2025	Multi-Modal	215512	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6460-JARC Projects	FY2025-5311 JARC Operating	NI	\$46,585	\$46,585	\$0	\$93,170	5311	Transit	exempt	
2024	Multi-Modal	215541	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6470-New Freedom Projects	FY2024 5310 New Freedom Operating	NI	\$79,530	\$79,530	\$0	\$159,060	5310	Transit	exempt	
2026	Multi-Modal	215543	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areawide	0.000	6470-New Freedom Projects	FY2026 5310 New Freedom Operating	NI	\$79,530	\$79,530	\$0	\$159,060	5310	Transit	exempt	
2026	Multi-Modal	215544	Transit Operating	West Michigan Metropolitan	Muskegon	Pioneer Resources	Transit Operating	Areaw												

WestPlan Project List for 2023 to 2026 TIP for Muskegon and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Total Estimated Amount	Fund Source	Template Name	Air Quality	Air Quality comment
2024	Trunkline	215033	Trunkline Bridge	West Michigan Metropolitan	Muskegon	MDOT	US-31 S	4 Structures along US-31 NB/SB over Colby Road & Walsh Road	0.000	Bridge CPM	Epoxy Overlay	PE	\$220,995	\$49,005	\$0	\$270,000	BFP	Bridge Replacement and Preservation	exempt	
2024	Trunkline	215033	Trunkline Bridge	West Michigan Metropolitan	Muskegon	MDOT	US-31 S	4 Structures along US-31 NB/SB over Colby Road & Walsh Road	0.000	Bridge CPM	Epoxy Overlay	PES	\$220,995	\$49,005	\$0	\$270,000	BFP	Bridge Replacement and Preservation	exempt	
2026	Trunkline	211173	Trunkline Road	West Michigan Metropolitan	Ottawa	MDOT	I-96 EB	From Airline Road east to Apple Drive	4.678	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$1,973,700	\$219,300	\$0	\$2,193,000	IM	Road - Rehabilitation and Reconstruction	exempt	
2023	Trunkline	127478	Trunkline Traffic Operations And Safety	West Michigan Metropolitan	Ottawa	MDOT	US-31	At Pierce Street, Winans Street and 158th Avenue	1.048	Traffic Safety	Indirect Left Turn Lanes	CON	\$708,003	\$156,997	\$0	\$865,000	CM	Operations	exempt	Roads not in travel demand model. Reviewed at Nov. 9, 2021 MITC-IAWG
2024	Trunkline	209373	Trunkline Traffic Operations And Safety	West Michigan Metropolitan	Muskegon	MDOT	M-46	M-46 (Apple) - Six signal locations in Muskegon County	0.000	Traffic Safety	Modernizing signalized intersection to current standards	CON	\$2,430,686	\$0	\$0	\$2,430,686	STG	Traffic Signal Modernization	exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Local	205691	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Gezon Pkwy SW	Byron Center to Clyde Park and 54th from Clyde Park to Division	3.175	Road Rehabilitation	Mill and Resurface and new through/right turn at EB Clyde Park Ave	CON	\$777,575	\$0	\$172,425	\$950,000	ST	Exempt	thru/right turn lane less than half a mile
2023	Local	205691	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Gezon Pkwy SW	Byron Center to Clyde Park and 54th from Clyde Park to Division	3.175	Road Rehabilitation	Mill and Resurface and new through/right turn at EB Clyde Park Ave	CON	\$903,259	\$0	\$560,483	\$1,463,742	STU	Exempt	thru/right turn lane less than half a mile
2023	Local	205691	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Gezon Pkwy SW	Byron Center to Clyde Park and 54th from Clyde Park to Division	3.175	Road Rehabilitation	Mill and Resurface and new through/right turn at EB Clyde Park Ave	CON	\$1,327,000	\$0	\$294,258	\$1,621,258	ST	Exempt	thru/right turn lane less than half a mile
2023	Trunkline	210072	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	From Allegan/Kent County Line north to 76th Street	4.038	Reconstruction	Reconstruction, Add Weave/Merge Lanes	CON	\$100,000	\$39,900,000	\$0	\$40,000,000	RBMP,NH	exempt	connecting entrance and exit ramps to improve safety and operational - no new thru lanes
2024	Trunkline	210063	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	From 92nd Street north to 76th Street	2.875	Road Rehabilitation	Crush and Shape, Widening	CON	\$26,192,000	\$5,808,000	\$0	\$32,000,000	ST	non-exempt	widen section of roadway from a 3 lane section to a full boulevard (2 thru lanes in each direction)
2025	Trunkline	200652	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37 SB	60th Street to Patterson Avenue (N Junction)	0.666	Minor Widening	Extend 3rd lane from 60th St north to Patterson Ave (N Jct)	CON	\$1,517,499	\$321,359	\$15,142	\$1,854,000	NH	exempt	IAWG discussed project, it is connecting a few turn lanes into a continuous right turn lane and determined it was not adding capacity and should be classified as exempt
2023	Local	205589	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Cedar Springs	S Main St NE	Church Street to 18 Mile Road	0.737	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$395,949	\$0	\$87,801	\$483,750	STU	Exempt	
2023	Local	205601	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ball Ave NE	Leonard Street to Knapp Street	1.002	Road Capital Preventive Maintenance	Milling an Asphalt Overlay (1.5 Inches)	CON	\$427,753	\$0	\$1,537,833	\$1,965,586	STU	Exempt	
2023	Local	205602	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ball Ave NE	Michigan to Olson and Olson Street - Ball to Plymouth	0.543	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$275,335	\$0	\$656,453	\$931,788	STU	Exempt	
2023	Local	205657	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fuller Ave NE	Knapp Street to 3 Mile Road	0.989	Road Capital Preventive Maintenance	Milling and Asphalt Overlay (1.5 Inches)	CON	\$427,753	\$0	\$1,279,667	\$1,707,420	STU	Exempt	
2023	Local	205664	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Turner Ave NW	6th Street to US-131 SB On Ramp and US-131 SB Off Ramp to Richmond Street	0.813	Road Capital Preventive Maintenance	Milling and Asphalt Overlay (1.5 inches)	CON	\$344,169	\$0	\$1,050,939	\$1,395,108	STU	Exempt	
2023	Local	206467	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Traffic Safety	Signal Optimization	CON	\$240,000	\$0	\$60,000	\$300,000	CM	Exempt	
2023	Local	207503	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	ITS Applications	Regional Signal System TMS Operations	OPS	\$528,000	\$0	\$132,000	\$660,000	CM	Exempt	
2023	Local	205658	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fuller Ave SE	Kalamazoo Street to Adams Street	0.281	Reconstruction	Asphalt Reconstruct	CON	\$344,169	\$0	\$1,100,000	\$1,444,169	STU	Exempt	
2023	Local	205661	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ottawa Ave NW	Newberry Street to Mason Street and Walbridge Street to Coldbrook Street	0.263	Reconstruction	Asphalt Reconstruct	CON	\$712,922			\$712,922	STU	Exempt	
2023	Local	205666	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Wealthy St SE	Ethel Avenue to East City Limit	0.159	Reconstruction	Concrete Reconstruction (and Brick)	CON	\$786,672	\$0	\$2,180,000	\$2,966,672	STU	Exempt	
2023	Local	205698	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Robinson Rd SE	Lake Drive to Plymouth Avenue	0.532	Reconstruction	Reconstruct/Preventative Maintenance	CON	\$358,094	\$0	\$79,406	\$437,500	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Local	205698	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Robinson Rd SE	Lake Drive to Plymouth Avenue	0.532	Reconstruction	Reconstruct/Preventative Maintenance	CON	\$290,425	\$0	\$2,140,575	\$2,431,000	ST	Exempt	
2023	Local	212553	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Monroe Ave NW	Monroe Avenue NW (Leonard Street to Ann Street), Grand Rapids	0.801	New Facilities	Construct one mile of nonmotorized shared use pathway.	CON	\$806,735	\$0	\$1,093,139	\$1,899,874	TA	Exempt	
2023	Local	214335	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Turner Ave NW	4th St NW to Ann St NW	1.459	Roadside Facilities - Improve	Construction of separated two-way bikeway	CON	\$492,720	\$0	\$109,259	\$601,979	CRU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ken-O-Sha Drive Sidewalk (North side)	Eastern Ave to 1850 ft east of Eastern Avenue	0.350	Roadside Facilities - Improve	Construction of sidewalk on north side at Ken-O-Sha Drive. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	CON	\$179,834		\$44,959	\$224,793	TAU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Covell Avenue Sidewalk	Richmond Street to Walker Avenue	0.090	Roadside Facilities - Improve	Construction of sidewalk along Covell Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	CON	\$129,000		\$32,250	\$161,250	TAU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Covell Avenue Sidewalk	Lake Michigan Drive to Bridge Street	0.037879	Roadside Facilities - Improve	Construction of sidewalk along Covell Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	CON	\$43,000		\$10,750	\$53,750	TAU	Exempt	
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Eastern Ave SE / Plaster Creek Trail Pedestrian Hybrid Beacon Crossing	At Plaster Creek Trail		Roadside Facilities - Improve	Construction of PHB, related curb/gutter and ADA work	CON	\$201,586		\$50,397	\$251,983	TAU	Exempt	
2023	Local	205673	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2023	Local	206215	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Front Ave NW	GVMC--Kent and Eastern Ottawa County	0.000	Planning, Research & Design	Clean Air Action educational campaign	NI	\$131,654	\$0	\$32,914	\$164,568	CM	Exempt	
2023	Local	205702	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Ivanrest Ave SW	Prairie Street to 28th Street	0.502	Road Capital Preventive Maintenance	Milling and Asphalt Resurface	CON	\$229,180	\$0	\$50,820	\$280,000	STU	Exempt	
2023	Local	206352	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Ottawa	Hudsonville	32nd Ave	32nd Avenue	0.210	Minor Widening	Left Turn Lane	CON	\$220,800	\$0	\$105,200	\$326,000	CM	Exempt	
2023	Local	212261	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	18 Mile Road	18 Mile Road, Str #5036 over the Rogue River, Kent County.	0.000	Bridge Rehabilitation	Bridge Rehabilitation	CON	\$370,400	\$69,450	\$23,150	\$463,000	BO	Exempt	
2023	Local	205701	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Buttrick Ave SE	Thornapple River Drive to Grand River Drive	0.392	Road Rehabilitation	Crush and Shape Resurfacing	CON	\$245,550	\$0	\$54,450	\$300,000	STU	Exempt	
2023	Local	205712	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Northland Dr NE	12 Mile Road to 14 Mile Road	2.228	Road Rehabilitation	Mill, Fill, and Resurface	CON	\$0	\$1,656,614	\$420,000	\$2,076,614	EDC	Exempt	
2023	Local	205671	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	Patterson Avenue to East Paris Avenue	0.999	Reconstruction	Asphalt Reconstruct	CON	\$1,104,975	\$0	\$245,025	\$1,350,000	STU	Exempt	
2023	Local	214069	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	84th Street at Kalamazoo Avenue, Kent County	0.651	Traffic Safety	Roundabout	CON	\$600,000	\$0	\$150,000	\$750,000	HSIP	Exempt	
2023	Local	214069	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	84th Street at Kalamazoo Avenue, Kent County	0.651	Traffic Safety	Roundabout	CON	\$332,721	\$0	\$195,333	\$528,054	CRU	Exempt	
2023	Local	215916	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	100th St SE	East Paris to Patterson	1.003	Reconstruction	Reconstruction	CON	\$991,000	\$0	\$409,000	\$1,400,000	STL	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Coit Sidewalk	Woodworth Street to 4 Mile Road	0.7	Roadside Facilities - Improve	Sidewalk	CON	\$160,000		\$40,000	\$200,000	TAU	Exempt	
2023	Local	205689	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd St SE	Kalamazoo Avenue to Breton Avenue	1.502	Road Rehabilitation	3.5" Milling and Resurface	CON	\$1,514,225	\$0	\$335,775	\$1,850,000	STU	Exempt	
2023	Local	209777	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Bowes Rd SE	South of Bowes Rd (at Main St) to South Hudson Street, City of Lowell	1.788	New Facilities	Construct River Valley Rail Trail Connection	CON	\$707,000	\$0	\$103,000	\$810,000	TA	Exempt	
2023	Local	209777	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Bowes Rd SE	South of Bowes Rd (at Main St) to South Hudson Street, City of Lowell	1.788	New Facilities	Construct River Valley Rail Trail Connection	CON	\$300,000	\$0	\$0	\$300,000	NRT	Exempt	
2023	Local	205676	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	18th Ave	Chicago Drive to Bauer Road	2.313	Road Rehabilitation	Asphalt Resurface	CON	\$798,037	\$0	\$176,963	\$975,000	STU	Exempt	
2023	Local	207042	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Leonard St	Leonard St from 88th Ave to 68th Ave	2.814	Road Capital Preventive Maintenance	Asphalt overlay 1-1.5 inches, will include HMA resurfacing with the construct	CON	\$718,000	\$0	\$488,821	\$1,206,821	STL	Exempt	
2023	Local	207042	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Leonard St	Leonard St from 88th Ave to 68th Ave	2.814	Road Capital Preventive Maintenance	Asphalt overlay 1-1.5 inches, will include HMA resurfacing with the construct	CON	\$0	\$73,179	\$0	\$73,179	EDD	Exempt	
2023	Local	212262	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Hayes Street	Hayes Street, Str #8838 over Branch of Sand Creek, Ottawa County	0.000	Bridge Replacement	Bridge Replacement	CON	\$1,020,800	\$63,800	\$191,400	\$1,276,000	BO	Exempt	
2023	Local	206388	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Rockford	Courtland St NE	Monroe to Wolverine	0.888	Road Rehabilitation	Resurface	CON	\$405,157	\$0	\$599,843	\$1,005,000	STU	Exempt	
2023	Local	205696	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Alpine Ave NW	Ann Street to Hillside Drive	0.503	Road Rehabilitation	Milling and Resurface	CON	\$654,800	\$0	\$145,200	\$800,000	STU	Exempt	
2023	Local	212755	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Bristol Ave NW	Under Bristol Railroad Bridge	0.062	Minor Widening	Widen to 2 Lanes	CON	\$712,500	\$0	\$237,500	\$950,000	HICU	Exempt	current road under bride is one lane will widen to two full lane to match road on either side.
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY2023 Urbanized Area Formula Grants	NI	\$36,000	\$9,000	\$0	\$45,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1301-bus shelter construction	FY2023 Urbanized Area Formula Grants	NI	\$80,000	\$20,000	\$0	\$100,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY2023 Urbanized Area Formula Grants	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY2023 Urbanized Area Formula Grants	NI	\$5,683,222	\$1,420,805	\$0	\$7,104,027	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY2023 Urbanized Area Formula Grants	NI	\$1,235,712	\$308,928	\$0	\$1,544,640	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY2023 Urbanized Area Formula Grants	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY2023 Urbanized Area Formula Grants	NI	\$1,577,449	\$394,362	\$0	\$1,971,811	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY2023 Urbanized Area Formula Grants	NI	\$192,000	\$48,000	\$0	\$240,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY2023 Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY2023 Urbanized Area Formula Grants	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY2023 Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY2023 Urbanized Area Formula Grants	NI	\$281,200	\$70,300	\$0	\$351,500	5307	Exempt	
2023	Multi-Modal	206863	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY2023 Urbanized Area Formula Grants	NI	\$8,000	\$2,000	\$0	\$10,000	5307	Exempt	
2023	Multi-Modal	212886	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Project	areawide	0.000	SP1803-planning/studies	FY23 HIP COVID Relief- Regional Transit Master Plan	NI	\$285,000	\$0	\$0	\$285,000	HICU	Exempt	
2023	Multi-Modal	206866	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2023 Bus/Bus Facilities Program	NI	\$1,010,564	\$252,641	\$0	\$1,263,205	5339	Exempt	
2023	Multi-Modal	207818	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY23 CMAQ - Replacement 40' Buses/CNG	NI	\$340,000	\$85,000	\$0	\$425,000	CM	Exempt	
2023	Multi-Modal	207819	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY23 CMAQ - Rideshare	NI	\$186,207	\$0	\$0	\$186,207	CMG	Exempt	
2023	Multi-Modal	207821	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY23 CMAQ - Replacement VanPool Vans	NI	\$99,441	\$24,860	\$0	\$124,301	CM	Exempt	
2023	Multi-Modal	207822	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY23 CMAQ - Free Rides on Clean Air Action Days	NI	\$80,000	\$20,000	\$0	\$100,000	CM	Exempt	
2023	Trunkline	200112	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	From East Branch Rush Creek east to Burlingame Avenue	2.831	Road Rehabilitation	Concrete Pavement Inlay	CON	\$10,428,509	\$2,312,492	\$0	\$12,741,001	NH	Exempt	
2023	Trunkline	204951	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Kent and Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	CON	\$345,020	\$38,336	\$0	\$383,356	HSIP	Exempt	
2023	Trunkline	207358	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2023	Trunkline	207358	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$628,425	\$69,825	\$0	\$698,250	HSIP	Exempt	
2023	Trunkline	207359	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2023	Trunkline	207359	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO, All trunkline routes of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$108,045	\$12,005	\$0	\$120,050	HSIP	Exempt	
2023	Trunkline	207375	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	
2023	Trunkline	208927	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-44 CONN	From I-96 north to Airway Street	2.665	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	PE	\$245,550	\$53,633	\$817	\$300,000	NH	Exempt	
2023	Trunkline	209604	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6 / Holstege Wetland Mitigation Site	M-6 / Holstege Wetland Mitigation Site	0.000	Environmental	Wetland Mitigation Site Access and Additional Wetland Restoration	CON	\$270,105	\$59,895	\$0	\$330,000	ST	Exempt	
2023	Trunkline	213211	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	M-37/M-44 (East Beltline) over I-96 from GRE Railroad to Bradford Street	0.335	Bridge Replacement	Bridge Replacement of S10-41025 & Road Reconstruction of bridge approaches	ROW	\$40,925	\$7,941	\$1,134	\$50,000	NH	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2023	Trunkline	215066	S/TIP Line Items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 NB/I-96 WB	Two Structures along the US-131 NB Ramp to I-96 WB	0.000	Bridge Rehabilitation	Bridge Rehabilitation	CON	\$5,037,300	\$559,700	\$0	\$5,597,000	BFPI	Exempt	
2023	Trunkline	201305	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$1,337,063	\$148,563	\$0	\$1,485,626	IM	Exempt	
2023	Trunkline	204412	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	under Segwun Ave SE, Lowell Township, Kent County	0.000	Bridge Rehabilitation	Shallow overlay and substructure repair.	CON	\$767,700	\$85,300	\$0	\$853,000	BOI	Exempt	
2023	Trunkline	210818	Trunkline Road	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Whitneyville Avenue east to the Kent/Ionia County Line	8.346	Road Capital Preventive Maintenance	Full Depth Concrete Pavement Repair	CON	\$1,727,854	\$383,147	\$0	\$2,111,001	NH	Exempt	
2023	Trunkline	201531	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2023 West Michigan TOC Control Room Operations	OPS	\$1,344,954	\$298,240	\$0	\$1,643,194	CM	Exempt	
2023	Trunkline	201535	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	2023 ITS maintenance and operations in Grand Region	OPS	\$900,350	\$199,650	\$0	\$1,100,000	CM	Exempt	
2023	Trunkline	201942	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	US-131 from 44th to Post	11.605	Traffic Safety	Queue management system	CON	\$1,605,035	\$178,337	\$0	\$1,783,372	HSIP	Exempt	
2023	Trunkline	209412	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Northland Dr to Farland Ave	3.917	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	PE	\$200,700	\$22,300	\$0	\$223,000	HSIP	Exempt	
2023	Trunkline	213573	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Front Ave NW	Kent County	0.000	ITS Applications	2023 Safety Service Patrol Operations - Grand Region	OPS	\$253,735	\$56,265	\$0	\$310,000	NH	Exempt	
2023	Trunkline	213928	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Leonard St NE	TSCWIDE	13.634	Traffic Safety	Non-freeway signing upgrade	PE	\$32,250	\$0	\$0	\$32,250	STG	Exempt	
2024	Local	214473	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Pearl St NW	Pearl Street, Str#5186, over the Grand River	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$260,000	\$0	\$65,000	\$325,000	BHT	Exempt	
2024	Local	214474	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Burton St SW	Burton Street, Str#5094, and Hall Street, Str#5210, over CSX Railroad	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$97,600	\$0	\$24,400	\$122,000	BHT	Exempt	
2024	Local	214474	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Burton St SW	Burton Street, Str#5094, and Hall Street, Str#5210, over CSX Railroad	0.000	Bridge CPM	Bridge Capital Preventative Maintenance	CON	\$129,600	\$0	\$32,400	\$162,000	BHT	Exempt	
2024	Local	216284	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Knapp St NE	Truxton Dr to East City Limits	1.676	Road Rehabilitation	Milling and Asphalt Overlay (1.5 inches)	CON	\$984,000	\$0	\$2,952,000	\$3,936,000	STU	Exempt	
2024	Local	216286	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Leonard St NW	Powers Ave to Alpine Ave	0.373	Road Rehabilitation	Milling and Asphalt Overlay (1.5 inches)	CON	\$523,254	\$0	\$364,746	\$888,000	STU	Exempt	
2024	Local	214345	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	ITS Applications	Regional Signal System TMS Operations	OPS	\$536,000	\$0	\$134,000	\$670,000	CM	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Local	214346	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	Traffic Safety	Signal Optimization (up to 120 locations on federal aid roads)	CON	\$240,000	\$0	\$60,000	\$300,000	CRU	Exempt	
2024	Local	216263	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave NE	Fulton St to Michigan St	0.502	Reconstruction	Reconstruction	CON	\$724,000	\$0	\$160,545	\$884,545	ST	Exempt	
2024	Local	216263	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave NE	Fulton St to Michigan St	0.502	Reconstruction	Reconstruction	CON	\$0	\$0	\$9,977,000	\$9,977,000	STU	Exempt	
2024	Local	216283	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Grandville Ave SW	Clyde Park Ave to Stolpe Ave	0.221	Reconstruction	Reconstruction	CON	\$609,734	\$0	\$1,329,736	\$1,939,470	STU	Exempt	
2024	Local	216287	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Valley Ave NW	Fulton St to Bridge St	0.465	Reconstruction	Reconstruction	CON	\$1,021,621	\$0	\$1,320,183	\$2,341,804	STU	Exempt	
2024	Local	214384	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	FY2024 Clean Air Action Program	NI	\$80,000	\$0	\$20,000	\$100,000	CM	Exempt	
2024	Local	216303	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2024	Local	216288	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Chicago Dr SW	Division to West City Limits	0.763	Road Rehabilitation	Milling and Resurface	CON	\$441,938	\$0	\$183,062	\$625,000	STU	Exempt	
2024	Local	214475	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Countywide	Various Locations - Kent County	0.000	Bridge CPM	Bridge Preventative Maintenance Work	CON	\$76,300	\$0	\$32,700	\$109,000	BO	Exempt	
2024	Local	214475	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Countywide	Various Locations - Kent County	0.000	Bridge CPM	Bridge Preventative Maintenance Work	CON	\$74,200	\$0	\$31,800	\$106,000	BO	Exempt	
2024	Local	214475	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Countywide	Various Locations - Kent County	0.000	Bridge CPM	Bridge Preventative Maintenance Work	CON	\$105,000	\$0	\$45,000	\$150,000	BO	Exempt	
2024	Local	216295	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	60th St SE	Broadmoor Ave to Thornapple River Dr	2.299	Road Rehabilitation	Resurfacing	CON	\$707,100	\$0	\$292,900	\$1,000,000	STU	Exempt	
2024	Local	216299	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Leffingwell Ave NE	City Limits to Knapp St	0.490	Road Rehabilitation	Resurfacing	CON	\$176,775	\$0	\$73,225	\$250,000	STU	Exempt	
2024	Local	216305	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	60th St SE	Eastern Ave to Kalamazoo Ave	1.004	Road Rehabilitation	Resurfacing	CON	\$0	\$880,000	\$220,000	\$1,100,000	EDC	Exempt	
2024	Local	214449	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	76th St SE	76th @ Broadmoor and Cherry Valley @ Broadmoor	0.421	Traffic Safety	Intersection Improvements	CON	\$520,386	\$0	\$130,097	\$650,483	CM	Exempt	
2024	Local	215977	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	W River Dr NE	Lamoreaux Drive to Pine Island Drive	1.417	Road Rehabilitation	Resurface	CON	\$366,000	\$0	\$211,000	\$577,000	ST	Exempt	
2024	Local	216297	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	68th St SE	Kraft Ave to Cherry Valley Ave	0.997	Reconstruction	Reconstruction	CON	\$1,060,650	\$0	\$439,350	\$1,500,000	STU	Exempt	
2024	Local	216298	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	Kraft Ave to Cherry Valley Ave	0.989	Reconstruction	Reconstruction	CON	\$1,025,295	\$0	\$424,705	\$1,450,000	STU	Exempt	
2024	Local	216306	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	100th St SE	Patterson Ave to Kraft Ave	1.030	Reconstruction	Reconstruction	CON	\$1,011,000	\$0	\$389,000	\$1,400,000	STL	Exempt	
2024	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Crahen Valley Park Trail	Existing Trail near Leonard to Knapp Court	0.8	New Facilities	Sidewalk north side only	CON	\$1,474,985		\$1,601,547	\$3,076,532	TAU	Exempt	
2024	Local	216291	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	40th St SE	Soundtech Ct to Patterson Ave	0.759	Road Rehabilitation	Milling and Resurface	CON	\$288,497	\$0	\$119,503	\$408,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Local	216292	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	East Paris Ave SE	Burton St to 28th St	0.998	Road Rehabilitation	Milling and Resurface	CON	\$459,615	\$0	\$190,385	\$650,000	STU	Exempt	
2024	Local	214437	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	Walma Ave SE	37 Signalized Intersections in Kentwood, 14 signalized intersections in Wal	0.427	ITS Applications	Installation of cell modem, radio and fiber optic communications equipment	CON	\$160,000	\$0	\$40,000	\$200,000	CM	Exempt	
2024	Local	214388	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Foreman St SE	Gee Drive to Beech	0.539	Road Capital Preventive Maintenance	Mill and Overlay of Foreman	CON	\$385,000	\$0	\$96,250	\$481,250	STUL	Exempt	
2024	Local	214478	Local Bridge	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Hayes St NW	Hayes Street, Str #8839, over Sand Creek Tributary, Ottawa County	0.000	Bridge Rehabilitation	Bridge Rehabilitation	CON	\$802,400	\$0	\$200,600	\$1,003,000	BHT	Exempt	
2024	Local	214813	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Fillmore St	96th Avenue to 72nd Avenue	3.049	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$718,000	\$0	\$273,077	\$991,077	STL	Exempt	
2024	Local	214813	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Fillmore St	96th Avenue to 72nd Avenue	3.049	Road Rehabilitation	Milling and Two Course Asphalt Overlay	CON	\$0	\$58,923	\$0	\$58,923	EDD	Exempt	
2024	Local	216301	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	22nd Ave/Van Buren St/14th Ave	Quincy St to 44th St	3.951	Road Rehabilitation	Milling and Resurface (3' Shoulders/22nd Ave)	CON	\$1,113,683	\$0	\$461,317	\$1,575,000	STU	Exempt	
2024	Local	216302	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Van Buren St	48th Ave to 40th Ave	1.002	Road Rehabilitation	Milling and Resurface (3' Paved Shoulders)	CON	\$302,639	\$0	\$125,361	\$428,000	STU	Exempt	
2024	Local	214104	Local Livability and Sustainability	Grand Valley Metropolitan Council (GVMC)	Kent	Sparta	12 Mile Rd NW	Citywide, Safe Routes to School, Sparta, Kent County	1.846	Roadside Facilities - Improve	Safe Routes to School pedestrian improvements, Sparta	CON	\$501,293	\$0	\$0	\$501,293	TA	Exempt	
2024	Local	214528	S/TIP Line Items	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Center Dr NW	Center Drive at Weatherford	0.134	Reconstruction	Convert intersection to roundabout	CON	\$878,279	\$0	\$321,721	\$1,200,000	CRU	Exempt	
2024	Local	216304	S/TIP Line Items	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Kinney Ave NW	Leonard St to Lake Michigan Dr	1.007	Reconstruction	Reconstruction (Widen with Curb/Storm and address Sidewalk Gaps)	CON	\$1,353,000	\$0	\$1,347,000	\$2,700,000	ST	Exempt	
2024	Local	216293	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Clyde Park Ave SW	36th St to 44th St	1.001	Road Rehabilitation	Milling and Resurface	CON	\$707,100	\$0	\$292,900	\$1,000,000	STU	Exempt	
2024	Local	216294	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Kenowa Ave SW	North City Limits to South City Limits	1.434	Road Rehabilitation	Milling and Resurfacing	CON	\$707,100	\$0	\$292,900	\$1,000,000	STU	Exempt	
2024	Multi-Modal	214341	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY 2024 Carbon Reduction Program (CRP) - Replacement Vanpool Vans	NI	\$114,721	\$28,680	\$0	\$143,401	CRU	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$192,000	\$48,000	\$0	\$240,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$40,000	\$10,000	\$0	\$50,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1301-bus shelter construction	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$80,000	\$20,000	\$0	\$100,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$1,920,698	\$480,174	\$0	\$2,400,872	5307	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$320,000	\$80,000	\$0	\$400,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$5,559,564	\$1,389,891	\$0	\$6,949,455	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$945,321	\$236,330	\$0	\$1,181,651	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2024	Multi-Modal	216358	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2024 - Section 5307 - Urbanized Area Formula Grants	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2024	Multi-Modal	216366	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2024 Section 5339 - 40' + Replacement Buses	NI	\$1,053,602	\$263,401	\$0	\$1,317,003	5339	Exempt	
2024	Multi-Modal	214342	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY 2024 CMAQ - Rideshare	NI	\$150,000	\$0	\$0	\$150,000	CMG	Exempt	
2024	Multi-Modal	214344	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY24 CMAQ - Free Rides on Clean Air Action Days	NI	\$40,000	\$10,000	\$0	\$50,000	CRU	Exempt	
2024	Trunkline	205235	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-96	I-96 in Ottawa and Kent	34.885	ITS Applications	Rural Freeway Traffic Management systems	CON	\$528,184	\$117,123	\$0	\$645,307	NH	Exempt	
2024	Trunkline	207384	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2024	Trunkline	207384	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.354	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$683,550	\$75,950	\$0	\$759,500	HSIP	Exempt	
2024	Trunkline	207385	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2024	Trunkline	207385	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.466	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$108,045	\$12,005	\$0	\$120,050	HSIP	Exempt	
2024	Trunkline	207399	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.845	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	
2024	Trunkline	207544	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$95,424	\$0	\$0	\$95,424	STG	Exempt	
2024	Trunkline	208927	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-44 CONN	From I-96 north to Airway Street	2.665	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	ROW	\$32,740	\$6,352	\$908	\$40,000	NH	Exempt	
2024	Trunkline	208927	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-44 CONN	From I-96 north to Airway Street	2.665	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$5,008,402	\$1,093,940	\$16,659	\$6,119,001	NH	Exempt	
2024	Trunkline	210046	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-11	From Division Avenue east to Kalamazoo Avenue	1.848	Road Rehabilitation	Inlay	CON	\$13,914,500	\$2,699,812	\$385,688	\$17,000,000	NH	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2024	Trunkline	204758	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-6	Grand Rapids/South Beltline W	0.000	Roadside Facilities - Preserve	Cold milling and one course asphalt overlay.	CON	\$65,481	\$14,521	\$0	\$80,002	ST	Exempt	
2024	Trunkline	205257	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2024 WMTOC Control Room Operations	OPS	\$1,442,598	\$319,892	\$0	\$1,762,490	ST	Exempt	
2024	Trunkline	205258	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide - Grand	0.000	ITS Applications	2024 ITS Maintenance and Operations in Grand Region	OPS	\$900,350	\$199,650	\$0	\$1,100,000	ST	Exempt	
2024	Trunkline	211738	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Ramsdell Drive to Morgan Mills Avenue	5.943	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	PE	\$278,100	\$30,900	\$0	\$309,000	HSIP	Exempt	
2024	Trunkline	211977	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	8 Signals on M-37 (Broadmoor)	0.000	Traffic Safety	Modernize signals to current standards	ROW	\$10,000	\$0	\$0	\$10,000	STG	Exempt	
2024	Trunkline	213575	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Front Ave NW	Kent County	0.000	ITS Applications	2024 Safety Service Patrol Operations - Grand Region	OPS	\$253,735	\$56,265	\$0	\$310,000	NH	Exempt	
2024	Trunkline	214111	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 S	From Wealthy Street to Pearl Street	0.572	Traffic Safety	High Friction Surface Treatment	PE	\$69,750	\$7,750	\$0	\$77,500	HSIP	Exempt	
2025	Local	215846	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	East Grand Rapids	Plymouth Rd	Franklin St to Hall St	0.501	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$665,250	\$0	\$221,750	\$887,000	STU	Exempt	
2025	Local	215829	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Michigan St NE	Maryland Ave to Leffingwel Ave	0.500	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$480,665	\$0	\$1,167,329	\$1,647,994	STU	Exempt	
2025	Local	215831	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	O'Brien Rd SW	Covell Ave to Butterworth Ave	0.522	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$500,000	\$0	\$492,218	\$992,218	STU	Exempt	
2025	Local	216261	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Cherry St SE	Sheldon Ave to Legrave Ave & Prospect Ave to Madison Ave	0.123	Road Rehabilitation	Milling and Two course Asphalt Resurfacing	CON	\$150,000	\$0	\$90,000	\$240,000	STU	Exempt	
2025	Local	214492	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Areawide	0.055	ITS Applications	FY 2025 Traffic Operation Center Operations	NI	\$544,000	\$0	\$136,000	\$680,000	CM	Exempt	
2025	Local	214493	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Areawide	0.055	Traffic Safety	Signal Optimization (up to 120 locations)	CON	\$300,000	\$0	\$75,000	\$375,000	CRU	Exempt	
2025	Local	215832	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Wealthy St SE	Richard Terrace Ave to Ethel Ave	0.105	Reconstruction	Concrete Reconstruction (and Brick)	CON	\$350,000	\$0	\$1,618,327	\$1,968,327	STU	Exempt	
2025	Local	215849	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Ann St NW	Monroe Ave to Plainfield Ave	0.562	Reconstruction	Reconstruction	CON	\$1,381,000	\$0	\$675,467	\$2,056,467	ST	Exempt	
2025	Local	216263	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave NE	Fulton St to Michigan St	0.502	Reconstruction	Reconstruction	CON	\$783,000			\$783,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Local	216264	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Grandville Ave SW	Stolpe St to Hall St	0.221	Reconstruction	Reconstruction	CON	\$538,735	\$0	\$1,296,920	\$1,835,655	STU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fulton St	Plymouth Ave to Worcester Dr	0.5	Roadside Facilities - Improve	Sharrows/Sidewalks	CON	\$473,895		\$203,098	\$676,993	TAU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Fuller Ave/Lyon St	Lyon St NE to Lyon St NE through Fuller Park		Roadside Facilities - Improve	Construction of pedestrian hybrid beacon; ramp widening/upgrades; trail widening	CON	\$175,000		\$75,000	\$250,000	TAU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Breton Rd/Elliott St SE	Breton Rd/Elliott St SE		Roadside Facilities - Improve	Construction of PHB, related curb/gutter and ADA work	CON	\$175,000		\$75,000	\$250,000	TAU	Exempt	
2025	Local	214494	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	FY2025 Clean Air Action Program	NI	\$80,000	\$0	\$20,000	\$100,000	CM	Exempt	
2025	Local	215844	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2025	Local	215833	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Kenowa Ave SW	36th St to 44th St	1.005	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$536,250	\$0	\$178,750	\$715,000	STU	Exempt	
2025	Local	215834	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Ottawa	Hudsonville	Highland Dr	32nd Ave to Creek View Dr	0.628	Reconstruction	Reconstruction	CON	\$519,000	\$0	\$291,000	\$810,000	STU	Exempt	
2025	Local	209987	Local Livability and Sustainability	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Argo Avenue Southeast	Argo Drive from Hall Street to Cascade Road	0.333	Roadside Facilities - Improve	Sharrows/Sidewalks	CON	\$125,790	\$0	\$53,910	\$179,700	TAU	Exempt	
2025	Local	215851	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Patterson Ave SE	M-37 to Burton St	4.077	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$738,000	\$0	\$184,500	\$922,500	ST	Exempt	
2025	Local	215852	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Northland Dr NE	M-57 to Indian Lakes Rd	1.306	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$0	\$880,000	\$220,000	\$1,100,000	EDC	Exempt	
2025	Local	215853	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Forest Hill Ave SE	Hall St to Cascade Rd	0.349	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$0	\$480,000	\$120,000	\$600,000	EDC	Exempt	
2025	Local	215841	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	84th St SE	Patterson Ave to Kraft Ave	0.959	Reconstruction	Reconstruction	CON	\$1,125,000	\$0	\$375,000	\$1,500,000	STU	Exempt	
2025	Local	215855	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Lincoln Lake Ave NE	Belding Rd to Strotheide St	0.760	Reconstruction	Reconstruction	CON	\$1,031,000	\$0	\$369,000	\$1,400,000	STL	Exempt	
2025	Local	215977	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	W River Dr NE	Lamoreaux Drive to Pine Island Drive	1.417	Road Rehabilitation	Resurface	CON	\$373,000			\$373,000	ST	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	4 Mile Rd	Hachmuth to Yorkland	0.4	Roadside Facilities - Improve	Nonmotorized Trail	CON	\$119,000		\$51,000	\$170,000	TAU	Exempt	
2025	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	68th St	Kraft Ave to 0.4 Miles east	0.4	New Facilities	Sidewalk	CON	\$140,000		\$60,000	\$200,000	TAU	Exempt	
2025	Local	215835	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd Street	Division Ave to Eastern Ave	1.137	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$525,000	\$0	\$175,000	\$700,000	STU	Exempt	
2025	Local	215836	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd St SE	East Paris Ave to M-37	0.629	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$787,500	\$0	\$262,500	\$1,050,000	STU	Exempt	
2025	Local	215847	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	52nd St SE	Bailey's Grove to East Paris Ave	0.417	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$378,000	\$0	\$126,000	\$504,000	STU	Exempt	
2025	Local	214547	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Lowell	Grand River Dr SE	South Hudson Street at the Lowell Fair to Montcalm Street, City of Lowell	1.941	New Facilities	Nonmotorized path construction	CON	\$2,197,851	\$0	\$1,260,149	\$3,458,000	TA	Exempt	
2025	Local	215842	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Linden Dr/Luce St	Lake Michigan Dr (M-45) to Kenowa Ave	5.397	Road Rehabilitation	Milling and Two Course Asphalt Resurface + 3' Paved Shoulders	CON	\$1,496,600	\$0	\$653,400	\$2,150,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Local	215837	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Burlingame Ave SW	44th St to 52nd St	1.017	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing (5")	CON	\$750,000	\$0	\$250,000	\$1,000,000	STU	Exempt	
2025	Local	215838	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Burlingame Ave SW	36th St to 44th St	1.001	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing (5")	CON	\$750,000	\$0	\$250,000	\$1,000,000	STU	Exempt	
2025	Local	214527	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Byron Center Ave SW	Byron Center at 56th Street	0.192	Minor Widening	Dual left turn NB to WB	CON	\$400,000	\$0	\$100,000	\$500,000	CM	Exempt	
2025	Multi-Modal	214479	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025 Bus Replacement	NI	\$143,578	\$35,895	\$0	\$179,473	CM	Exempt	
2025	Multi-Modal	214481	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY2025 Replacement Vanpool Van	NI	\$100,000	\$25,000	\$0	\$125,000	CM	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY 2025: Section 5307	NI	\$192,000	\$48,000	\$0	\$240,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY 2025: Section 5307	NI	\$200,000	\$50,000	\$0	\$250,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2025: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY 2025: Section 5307	NI	\$76,000	\$19,000	\$0	\$95,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2025: Section 5307	NI	\$1,509,350	\$377,338	\$0	\$1,886,688	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY 2025: Section 5307	NI	\$642,823	\$160,706	\$0	\$803,529	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY 2025: Section 5307	NI	\$320,000	\$80,000	\$0	\$400,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY 2025: Section 5307	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1204-bus terminal facility construction	FY 2025: Section 5307	NI	\$2,000,000	\$500,000	\$0	\$2,500,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY 2025: Section 5307	NI	\$120,000	\$30,000	\$0	\$150,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY 2025: Section 5307	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2025: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2025	Multi-Modal	216364	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025: Section 5307	NI	\$4,237,409	\$1,059,352	\$0	\$5,296,761	5307	Exempt	
2025	Multi-Modal	216367	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025: Section 5339	NI	\$1,053,602	\$263,401	\$0	\$1,317,003	5339	Exempt	
2025	Multi-Modal	216371	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2025: CRP	NI	\$396,808	\$99,202	\$0	\$496,010	CRU	Exempt	
2025	Multi-Modal	214482	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY2025 Rideshare	NI	\$150,000	\$0	\$0	\$150,000	CMG	Exempt	
2025	Multi-Modal	214483	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY2025 Free Rides on Clean Air Action Days	NI	\$40,000	\$10,000	\$0	\$50,000	CM	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Trunkline	207554	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-46	Non-Freeway Signing Upgrade	33.876	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$87,706	\$0	\$0	\$87,706	STG	Exempt	
2025	Trunkline	208525	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296/US-131 NB	From Bridge Street north to Richmond Street	1.343	Road Rehabilitation	Concrete Inlay	CON	\$16,281,900	\$1,809,100	\$0	\$18,091,000	IM	Exempt	
2025	Trunkline	208902	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296/US-131 NB	7 Bridges along US-131/I-296 NB Corridor	0.000	Bridge Rehabilitation	Deep overlay, Epoxy overlay, Railing Replacement	CON	\$5,201,570	\$1,153,435	\$0	\$6,355,005	NH	Exempt	
2025	Trunkline	209616	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2025	Trunkline	209616	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	3.908	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	CON	\$650,475	\$72,275	\$0	\$722,750	HSIP	Exempt	
2025	Trunkline	209617	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2025	Trunkline	209617	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MPO	1.983	Traffic Safety	Special pavement marking application on trunklines in Grand Region	CON	\$102,533	\$11,393	\$0	\$113,926	HSIP	Exempt	
2025	Trunkline	209631	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes of GVMC MOP	2.868	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	
2025	Trunkline	210053	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-21	From I-96 east to Grand River Avenue	3.698	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	CON	\$7,284,650	\$1,615,350	\$0	\$8,900,000	NH	Exempt	
2025	Trunkline	210057	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	From 60th Street north to 44th Street	2.075	Road Rehabilitation	Inlay	CON	\$9,003,500	\$1,779,754	\$216,746	\$11,000,000	NH	Exempt	
2025	Trunkline	213211	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	M-37/M-44 (East Beltline) over I-96 from GRE Railroad to Bradford Street	0.335	Bridge Replacement	Bridge Replacement of S10-41025 & Road Reconstruction of bridge approaches	CON	\$15,727,478	\$3,330,140	\$157,383	\$19,215,001	NH	Exempt	
2025	Trunkline	214094	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	From Wealthy Street north to Pearl Street	0.911	Operation Improvements	Remove and Replace Existing Freeway Lighting	CON	\$4,935,555	\$1,094,445	\$0	\$6,030,000	NH	Exempt	
2025	Trunkline	214959	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	Franklin Street over US-131	0.000	Bridge Replacement	Partial Deck Replacement	CON	\$7,333,761	\$1,626,241	\$0	\$8,960,002	BFP	Exempt	
2025	Trunkline	208925	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	3 Mile Road Over I-96 (41025-S06)	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$1,406,700	\$156,300	\$0	\$1,563,000	IM	Exempt	
2025	Trunkline	212929	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 NB	US-131 NB over Grandville Ave	0.000	Bridge CPM	Epoxy Overlay	CON	\$2,299,033	\$509,803	\$0	\$2,808,836	NH	Exempt	
2025	Trunkline	208992	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2025 West Michigan TOC Operations	OPS	\$1,454,118	\$322,446	\$0	\$1,776,564	ST	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2025	Trunkline	208993	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide - Grand	0.000	ITS Applications	2025 ITS Maintenance and Operations in Grand Region	OPS	\$941,275	\$208,725	\$0	\$1,150,000	ST	Exempt	
2025	Trunkline	209412	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Northland Dr to Farland Ave	3.917	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	CON	\$1,539,000	\$171,000	\$0	\$1,710,000	HSIP	Exempt	
2025	Trunkline	211977	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	8 Signals on M-37 (Broadmoor)	0.000	Traffic Safety	Modernize signals to current standards	CON	\$2,670,593	\$0	\$0	\$2,670,593	STG	Exempt	
2026	Local	215816	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	3 Mile Rd NE	Monroe Ave to Plainfield Ave	0.899	Road Capital Preventive Maintenance	Milling and 1.5" Asphalt Overlay	CON	\$501,165	\$0	\$1,267,654	\$1,768,819	STU	Exempt	
2026	Local	215848	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Valley Ave NW	Bridge St to 4th St	0.384	Road Capital Preventive Maintenance	Milling and 1.5" Asphalt Overlay	CON	\$665,091	\$0	\$1,523,773	\$2,188,864	STU	Exempt	
2026	Local	214504	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Areawide	0.080	ITS Applications	FY2026 Regional Signal System TMS Operations	OPS	\$552,000	\$0	\$138,000	\$690,000	CM	Exempt	
2026	Local	214512	Local Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	Up to 120 intersections on federal aid roads	0.055	Traffic Safety	FY2026 Signal Optimization	CON	\$240,000	\$0	\$60,000	\$300,000	CM	Exempt	
2026	Local	215839	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Buchanan Ave SW	Corrine St to Hall St	0.530	Reconstruction	Reconstruction	CON	\$1,239,913	\$0	\$1,983,965	\$3,223,878	STU	Exempt	
2026	Local	215843	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Grandville Ave SW	Hall St to Beacon St	0.275	Reconstruction	Reconstruction	CON	\$600,000	\$0	\$1,853,263	\$2,453,263	STU	Exempt	
2026	Local	215845	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Jefferson Ave SE	Franklin St to Logan St	0.390	Reconstruction	Reconstruction	CON	\$1,082,030	\$0	\$1,231,354	\$2,313,384	STU	Exempt	
2026	Local	215854	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Wealthy St SE	Benjamin Ave to Richard Terrace Ave	0.103	Reconstruction	Reconstruction	CON	\$400,000	\$0	\$1,300,000	\$1,700,000	STU	Exempt	
2026	Local	214513	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	FY2026 Clean Air Action Program	NI	\$80,000	\$0	\$20,000	\$100,000	CM	Exempt	
2026	Local	216031	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Valley Metropolitan Council	Areawide	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	NI	\$150,000	\$0	\$37,500	\$187,500	STU	Exempt	
2026	Local	215856	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Grandville	Century Center St SW	Ivanrest Ave to Mall Dr	0.408	Road Rehabilitation	Mill & Resurface	CON	\$320,000	\$0	\$80,000	\$400,000	STU	Exempt	
2026	Local	215858	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Hudsonville	40th Ave	M-121 to Grant St	0.405	Road Rehabilitation	Mill & Resurface	CON	\$256,800	\$0	\$122,200	\$379,000	STU	Exempt	
2026	Local	216044	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	S Division Ave	76th St to 68th St	0.994	Road Rehabilitation	Resurfacing	CON	\$752,000	\$0	\$248,000	\$1,000,000	ST	Exempt	
2026	Local	216057	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Forest Hill Ave SE	Ada Dr to Fulton St	1.054	Road Rehabilitation	Resurfacing	CON	\$0	\$720,000	\$180,000	\$900,000	EDC	Exempt	
2026	Local	216061	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	10 Mile Rd NE	East of Belmont Bypass to Childsdale Ave	1.477	Road Rehabilitation	Resurfacing	CON	\$0	\$960,000	\$240,000	\$1,200,000	EDC	Exempt	
2026	Local	216025	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Myers Lake Ave NE	12 Mile Rd to 14 Mile Rd	2.004	Reconstruction	Reconstruction	CON	\$1,360,000	\$0	\$340,000	\$1,700,000	STU	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2026	Local	216025	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Myers Lake Ave NE	12 Mile Rd to 14 Mile Rd	2.004	Reconstruction	Reconstruction	CON	\$1,408,000	\$0	\$312,219	\$1,720,219	ST	Exempt	
2026	Local	216126	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Lincoln Lake Ave NE	Strotheide St to Heffron St	1.002	Reconstruction	Reconstruction	CON	\$1,052,000	\$0	\$448,000	\$1,500,000	STL	Exempt	
2026	Local	215859	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	36th St SE	Shaffer Ave to M-37	0.530	Road Rehabilitation	Mill & Fill	CON	\$400,000	\$0	\$100,000	\$500,000	STU	Exempt	
2026	Local	214495	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	Kentwood	36th St SE	36th at Shaffer	1.059	Traffic Safety	Roundabout construction	CON	\$1,120,000	\$0	\$280,000	\$1,400,000	CRU	Exempt	
2026	Local	216028	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	Baldwin St	20th Ave to Cottonwood Dr	2.031	Road Rehabilitation	Mill & Resurface	CON	\$680,000	\$0	\$170,000	\$850,000	STU	Exempt	
2026	Local	216041	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	28th Ave	City Limits to Bauer Rd	2.533	Road Rehabilitation	Mill & Resurface	CON	\$720,000	\$0	\$180,000	\$900,000	STU	Exempt	
2026	Local	216309	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	12th Ave	Port Sheldon St to Chicago Dr	0.477	Road Rehabilitation	Mill & Resurface	CON	\$185,400	\$0	\$41,112	\$226,512	ST	Exempt	
2026	Local	216313	Local Road	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	18th Ave	Port Sheldon St to Chicago Dr	0.330	Road Rehabilitation	Mill & Resurface	CON	\$196,600	\$0	\$43,595	\$240,195	ST	Exempt	
2026	Local	216035	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Alpine Ave NW	3 Mile Rd to Hillside Dr	0.497	Road Rehabilitation	Mill & Resurface	CON	\$800,000	\$0	\$200,000	\$1,000,000	STU	Exempt	
2026	Local			Grand Valley Metropolitan Council (GVMC)	Kent	Walker	Bristol Ave	Three Mile Rd to South City Limits	0.800	Roadside Facilities - Improve	Provide sidewalk to connect neighborhoods with regional trail and West Catholic H.S.	CON	\$700,000		\$300,000	\$1,000,000	TAU	Exempt	
2026	Local	215863	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Prairie St SW	West City Limit to Byron Center Ave	0.494	Road Rehabilitation	Mill & Resurface	CON	\$360,000	\$0	\$90,000	\$450,000	STU	Exempt	
2026	Local	215864	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Prairie Pkwy SW	Byron Center Ave to Burlingame Ave	1.043	Road Rehabilitation	Mill & Resurface	CON	\$800,000	\$0	\$200,000	\$1,000,000	STU	Exempt	
2026	Local	215866	Local Road	Grand Valley Metropolitan Council (GVMC)	Kent	Wyoming	Prairie Pkwy SW	Burlingame Ave to Michael Ave	0.498	Road Rehabilitation	Mill & Resurface	CON	\$360,000	\$0	\$90,000	\$450,000	STU	Exempt	
2026	Multi-Modal	214496	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2026 Bus Replacement	NI	\$321,667	\$80,417	\$0	\$402,084	CM	Exempt	
2026	Multi-Modal	214497	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY2026 Vanpool Van Replacement	NI	\$100,000	\$25,000	\$0	\$125,000	CM	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1305-bus stop improvements	FY 2026: Section 5307	NI	\$400,000	\$100,000	\$0	\$500,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2026: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1801-preventative maintenance	FY 2026: Section 5307	NI	\$1,040,000	\$260,000	\$0	\$1,300,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	FY 2026: Section 5307	NI	\$560,000	\$140,000	\$0	\$700,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1402-fare collection	FY 2026: Section 5307	NI	\$537,600	\$134,400	\$0	\$672,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	FY 2026: Section 5307	NI	\$400,000	\$100,000	\$0	\$500,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1803-planning/studies	FY 2026: Section 5307	NI	\$160,000	\$40,000	\$0	\$200,000	5307	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY 2026: Section 5307	NI	\$491,760	\$122,940	\$0	\$614,700	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	FY 2026: Section 5307	NI	\$76,000	\$19,000	\$0	\$95,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	FY 2026: Section 5307	NI	\$98,400	\$24,600	\$0	\$123,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2026: Section 5307	NI	\$16,000	\$4,000	\$0	\$20,000	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2026: Section 5307	NI	\$4,135,169	\$1,033,792	\$0	\$5,168,961	5307	Exempt	
2026	Multi-Modal	216365	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2026: Section 5307	NI	\$2,118,654	\$529,663	\$0	\$2,648,317	5307	Exempt	
2026	Multi-Modal	216368	Transit Capital	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2026: Section 5339	NI	\$1,053,602	\$263,401	\$0	\$1,317,003	5339	Exempt	
2026	Multi-Modal	214498	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY2026 Rideshare Program	NI	\$150,000	\$0	\$0	\$150,000	CMG	Exempt	
2026	Multi-Modal	214502	Transit Operating	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1702-ozone action	FY2026 Free Rides on Clean Air Action Days	NI	\$40,000	\$10,000	\$0	\$50,000	CM	Exempt	
2026	Trunkline	200196	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-21	From Bennett Street east to Valley Vista Drive	6.079	Road Rehabilitation	Two Course Asphalt Resurfacing	CON	\$4,419,901	\$980,101	\$0	\$5,400,002	ST	Exempt	
2026	Trunkline	207544	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Muskegon	MDOT	M-46	Non-Freeway Signing Upgrade, Non-freeway signing upgrade	42.237	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$550,568	\$0	\$0	\$550,568	STG	Exempt	
2026	Trunkline	207554	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-46	Non-Freeway Signing Upgrade	33.876	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$504,310	\$0	\$0	\$504,310	STG	Exempt	
2026	Trunkline	211495	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	32nd Street over M-37	0.000	Bridge Replacement	Bridge replacement.	CON	\$3,816,666	\$751,122	\$95,213	\$4,663,001	ST	Exempt	
2026	Trunkline	211694	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	From I-96 north to Post Drive	6.185	Active Traffic Management	Active Traffic Management Systems	CON	\$26,701,037	\$5,920,877	\$0	\$32,621,914	NHFP	Exempt	
2026	Trunkline	213275	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2026	Trunkline	213275	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes in Grand Region, All Trunkline Routes in Grand Region	17.669	Traffic Safety	Longitudinal Pavement Markings on trunkline routes in Grand Region	CON	\$650,475	\$72,275	\$0	\$722,750	HSIP	Exempt	
2026	Trunkline	213339	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes in GVMC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	PE	\$2,205	\$245	\$0	\$2,450	HSIP	Exempt	
2026	Trunkline	213339	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	All trunkline routes in GVMC MPO	1.557	Traffic Safety	Application of special pavement markings on trunklines in Grand Region	CON	\$196,245	\$21,805	\$0	\$218,050	HSIP	Exempt	
2026	Trunkline	213366	S/TIP Line items	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Grand Region Regionwide Pvmr Mrkg Retro Readings	All of GVMC MPO	14.886	Traffic Safety	Pvmr mrkg retroreflectivity readings on trunklines in Grand Region	CON	\$3,528	\$392	\$0	\$3,920	HSIP	Exempt	

GVMC Project List for 2023 to 2026 TIP for Kent and Ottawa Counties

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated	Local Estimated	Calculated Total	Fund Source	Air Quality	Air Quality Comment
2026	Trunkline	204378	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	over West River Drive	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$3,531,828	\$783,173	\$0	\$4,315,001	NH	Exempt	
2026	Trunkline	208926	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	14 Mile Road (M-57) over US-131 Algoma Twp, Kent County	0.000	Bridge Rehabilitation	Deep overlay	CON	\$2,245,964	\$498,036	\$0	\$2,744,000	NH	Exempt	
2026	Trunkline	209253	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	12 Mile Road over US-131 Algoma Twp. Kent County	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$1,115,616	\$247,385	\$0	\$1,363,001	BO	Exempt	
2026	Trunkline	211447	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	Pine Island Drive over US-131	0.000	Bridge CPM	Deck Patching	CON	\$448,539	\$99,463	\$0	\$548,002	BO	Exempt	
2026	Trunkline	211448	Trunkline Bridge	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	10 Mile Road over US-131	0.000	Bridge CPM	Deck Patching	CON	\$627,790	\$139,211	\$0	\$767,001	NH	Exempt	
2026	Trunkline	211738	Trunkline Traffic Operations And Safety	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-57	Ramsdell Drive to Morgan Mills Avenue	5.943	Traffic Safety	Shoulder Paving with Shoulder Rumble Strips	CON	\$2,132,325	\$236,925	\$0	\$2,369,250	HSIP	Exempt	

GVMC Additional Projects for 2023 to 2026 TIP

JobNet job number	FISCAL YEAR	FUND	PROJECT LOCATION	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	NON- PARTICIPATING	Total Participating	TOTAL	Local Share of Partic. as Submitted	Air Quality	Air Quality Comment
	2023	TAU	Collindale Avenue Pathway/Sidewalk and Burritt Street Sidewalk	Lake Michigan Drive to Burritt Street and 270' West of Collindale Avenue to Collindale Avenue	Construction of pathway/sidewalk along Collindale Avenue and completion of sidewalk on the north side of Burritt Street, west of Collindale Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.25	\$306,944	\$131,547	\$139,173	\$438,491	\$577,664	30.00%	exempt	
	2023	TAU	E Fulton at Alten Ave NE, Lake Eastbrook SE at Camelot SE, Cesar E Chavez Ave SW at Beacon St SW, Bridge St NW at Garfield Ave NW, Eastern Ave SE at Logan St SE, W Leonard St at Davis Ave NW	E Fulton at Alten Ave NE, Lake Eastbrook SE at Camelot SE, Cesar E Chavez Ave SW at Beacon St SW, Bridge St NW at Garfield Ave NW, Eastern Ave SE at Logan St SE, W Leonard St at Davis Ave NW	Installation of pedestrian actuated rapid flashing beacons plus curb extensions at Leonard/Davis intersection. All locations serve existing transit stop pairs, three locations serve schools/college, and two sites serve park access and bicycle facilities. Four of the six locations fall within the City's Neighborhoods of Focus.	City of Grand Rapids		\$251,451	\$107,765		\$359,216	\$359,216	30.00%	exempt	
	2024	TAU	Robinson Rd & Cascade Rd	Robinson Rd - Plymouth to Cascade, Cascade Rd - Robinson to East Beltline	8ft sidewalk	East GR/GR Twp/ Cascade Twp/KCRC	1.50	\$779,548	\$334,092		\$1,113,640	\$1,113,640	30.00%	exempt	
	2025	TAU	Fruitridge Ave	3940 Fruit Ridge to 4 Mile	Sidewalk on East side	Alpine Twp/KCRC		\$140,000	\$60,000		\$200,000	\$200,000	30.00%	exempt	
	2025	TAU	Kinney Ave	Lake Michigan to Leonard	Sidewalk on East side	Walker		\$175,000	\$75,000		\$250,000	\$250,000	30.00%	exempt	
	2025	TAU	M-44/M-37	Over I-96	Nonmotorized facility on an existing bridge	MDOT		\$330,800	\$1,669,200		\$2,000,000	\$2,000,000	83.46%	exempt	
	2026	TAU	Lakeside Avenue Sidewalk	Fulton Street to Michigan Street	Construction of sidewalk along Lakeside Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.44	306657	131425	\$139,043	\$438,082	\$577,125	30.00%	exempt	
	2026	TAU	Turner Ave NW/ Mt Vernon Ave NW/ 2nd St NW	Turner Ave NW between 4th St NW to Bridge St NW, Mount Vernon Ave NW between Bridge St NW and Pearl St NW, and 2nd St NW between Turner Ave NW and Stocking Ave NW	Construction of bicycle facilities to provide two-way bicycle facilities with connections to existing bicycle facilities on Turner Ave north of 4th St, 4th St west of Turner Ave, and Pearl St/Lake Michigan Dr west of Mount Vernon and connections to planned bicycle facilities on Mount Vernon Ave south of Pearl St, Stocking Ave north of 2nd St, 1st/2nd St west of Stocking Ave, and Pearl St east of Mount Vernon.	City of Grand Rapids	1.00	\$352,918	\$151,251			\$504,169	30.00%	exempt	The section of road on Turner St NW between 4 th ST NW to Bridge ST will be a road diet with one through lane removed. Refer to road diet questionnaire
216572	2025	CRP	Grace Christian to Plaster Creek	Aldon St to Burton St and Clyde Park Ave	Shared use path/sidepath	Wyoming	0.98	\$600,192	\$2,670,433			\$3,270,625	81.65%	exempt	
	2026	CRP	Jenkins Ave to Grace Christian	28th St to Aldon St	shared use path/sidepath	Wyoming	0.46	\$203,000	\$87,000			\$290,000	30.00%	exempt	

Ottawa County Project List Rural STIP 2023 to 2026

Fiscal Year	Job Type	Job#	GPA Type	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimate d Amount	Local Estimate d Amount	Total Estimated Amount	Fund Source	Air Quality	Air Quality Comment
2024	Trunkline	205235	S/TIP Line items	Rural	Ottawa	MDOT	I-96	Us-131, I-196, I-96, US-131, I-96, I-196	34.885	ITS Applications	Rural Freeway Traffic Management systems	CON	\$1,621,852	\$359,641	\$0	\$1,981,493	NH	exempt	
2024	Local	214703	S/TIP Line items	Rural	Ottawa	Ottawa County	48th Ave	48th Avenue, Str #8921, over Beaver Creek, Ottawa County	0.000	Bridge Replacement	Bridge Replacement	CON	\$703,200	\$0	\$175,800	\$879,000	BO	exempt	