
Transportation Conformity Determination Report for the 1997 Ozone NAAQS

Kalamazoo – Battle Creek Limited Orphan Maintenance Area (Calhoun, Kalamazoo, and Van Buren Counties)

September 15, 2021 and February 23, 2022

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EXECUTIVE SUMMARY

As part of its transportation planning process, the Kalamazoo Area Transportation Study (KATS) and the Battle Creek Area Transportation Study (BCATS) completed the transportation conformity process for the KATS 2050 Metropolitan Transportation Plan (MTP), and BCATS 2045 MTP as well as both 2020-2023 Transportation Improvement Programs (TIPs) and relevant portions of the State Transportation Improvement Plan (STIP).

This report documents that the KATS 2050 MTP, BCATS 2045 MTP, and both associated 2020-2023 TIPs, as well as the STIP in Calhoun and Van Buren County meet the federal transportation conformity requirements in 40 CFR Part 93 Subpart A.

Clean Air Act (CAA) section 176(c) (42 U.S.C. 7506(c)) requires 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 Subpart A.

On February 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nonattainment or maintenance for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked.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 February 16, 2019. The Kalamazoo – Battle Creek area (Calhoun, Kalamazoo and Van Buren 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 January 16 and August 3, 2018. Therefore, per the *South Coast II* decision, this conformity determination is being made for the 1997 ozone NAAQS on the LRTPs and TIPs.

This conformity determination was completed consistent with CAA requirements, existing associated regulations at 40 CFR Parts 51.390 and 93 Subpart A, and the *South Coast II* decision, according to EPA's *Transportation Conformity Guidance for the South Coast II Court Decision* issued on November 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 was 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 three counties: Calhoun, Kalamazoo and Van Buren. Within the boundary are the metropolitan planning organizations (MPOs) of KATS and BCATS as well as the rural projects contained in the STIP in Calhoun and Van Buren 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. Calhoun, Kalamazoo and Van Buren 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 Kalamazoo – Battle Creek conformity area was one of these areas. Later, this was amended to require MPOs to have a conformity in place on February 16, 2019 and conduct conformity going forward.

Calhoun County was designated Jan. 16, 2018 as attainment for the 2015 ozone standard. On August 3, 2018, the EPA designated both Kalamazoo and Van Buren counties as attainment for the strengthened 2015 ozone NAAQS.

On December 4, 2019, the EPA proposed a rule that the Kalamazoo – Battle Creek 1997 ozone maintenance area be considered for a limited maintenance plan for the area's second maintenance period. To be considered for a limited maintenance plan, the area 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.

On April 6, 2020, the limited (second) maintenance plan for the Kalamazoo – Battle Creek 1997 ozone NAAQS took effect (85 FR 13057.)

2.0 LONG-RANGE TRANSPORTATION PLAN OR METROPOLITAN TRANSPORTATION PLAN

The Long-Range Transportation Plan (LRTP), also referred to as a MTP, is developed by the MPO to establish a long-term transportation plan. An LRTP 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 LRTP 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.

Findings of the transportation conformity report are for transportation activities contained within the conformity area. The KATS and BCATS are developing new 2050 and 2045 LRTPs. This conformity report is to ensure that the LRTPs in the Kalamazoo – Battle Creek maintenance area satisfies their obligation to the CAA. This analysis also includes all three areas' S/TIPs and their latest amendments. This report evaluates transportation activities contained in:

- KATS 2050 MTP,
- KATS 2020-2023 TIP,
- BCATS 2045 MTP,
- BCATS 2020-2023 TIP, and
- STIP projects in Calhoun and Van Buren County.

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 LRTP.

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.

All areas in Michigan are operating under 2020-2023 TIPs that were approved for use by FHWA and FTA on Oct. 1, 2019. Conformity for the Kalamazoo – Battle Creek maintenance area was conducted on the 2017-2020 TIPs and associated LRTPs, and received a letter supporting the conformity findings from FHWA/FTA on May 30, 2019. A new conformity was not done for the 2020-2023 TIP since no new non-exempt projects were part of the new TIP.

4.0 TRANSPORTATION CONFORMITY DETERMINATION: GENERAL PROCESS

Per the court's decision in *South Coast II*, beginning February 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 and TIPs. FHWA/FTA made its 1997 ozone NAAQS conformity determination for the 2040 LRTPs and 2017 -2020 TIPs on May 30, 2019. Conformity will now be required no less frequently than every four years. This conformity determination report will address transportation conformity for the new KATS 2050 MTP, including the BCATS 2045 MTP and the 2020-2023 S/TIPs.

5.0 TRANSPORTATION CONFORMITY REQUIREMENTS

5.1 OVERVIEW

On November 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 January 16 and August 3, 2018, for the 2015 ozone NAAQS.

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 www.epa.gov/state-and-local-transportation/policy-and-technical-guidance-state-and-local-transportation.

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

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 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 KATS 2050 MTP, BCATS 2045 MTP, both 2020-2023 TIPs, and the rural STIP in Calhoun and Van Buren 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 KATS, BCATS, 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 September 15, 2021, 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 was 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 September 29, 2021 to November 24, 2021, for KATS and from February 7, 2022 to February 23, 2022, for BCATS. Public comments received and responses to those comments are in Appendix B.

The KATS policy committee made a formal conformity determination through a resolution on November 24, 2021.

The BCATS policy committee made a formal conformity determination through a resolution on February 23, 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 2020-2023 TIPs are fiscally constrained, as demonstrated in:

- BCATS 2045 MTP, Chapter 15 Financial Plan,
- BCATS 2020-2023 TIP, Financial Plan as updated to include the most current amendment,
- KATS 2050 MTP, Chapter 10 Moving Forward,
- KATS 2020-2023 TIP, Financial Plan as updated to include the most current amendment, and
- 2020-2023 STIP, including latest amendments for Calhoun and Van Buren County.

6.0 CONCLUSION

The conformity determination process completed for the KATS 2050 MTP, BCATS 2045 MTP, both 2020-2023 TIPs, and the 2020-2023 STIP for Calhoun and Van Buren County demonstrates that these planning documents meet the CAA and Transportation Conformity rule requirements for the 1997 ozone NAAQS.

Appendix A: Meeting Summaries of Interagency Workgroups

Summary of September 15, 2021 Meeting

Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG)
Kalamazoo – Battle Creek 1997 Ozone Orphan Maintenance Area
(Calhoun, Kalamazoo, and Van Buren counties)
For New 2045 and 2050 Long Range Transportation Plans

9:00 – 10:00 a.m. (EST), Wednesday, September 15, 2021

Name

Agency

In attendance:

Christina Ignasiak	Federal Highway Administration (FHWA)
Breanna Bukowski	Michigan Department of Environment, Great Lakes, and Energy (EGLE)
Michael Leslie	Environmental Protection Agency (EPA)
Donna Wittl	Michigan Department of Transportation (MDOT)
Deidre Wesley	Federal Transit Authority (FTA)
Susan Weber	FTA
Dennis Randolph	City of Kalamazoo
Pat Karr	Battle Creek Area Transportation Study (BCATS)
Andy Tilma	BCATS
Steve Stepek	Kalamazoo Area Transportation Study (KATS)
Ali Townsend	KATS
Megan Mickelson	KATS
Rob Maffeo	MDOT
Brad Peterson	MDOT
Brian Sanada	MDOT
Ryan Gladding	MDOT
Daniela Khavajian	MDOT

Attendance at the meeting was by teleconferencing only.

Both MPOs in the Kalamazoo – Battle Creek 1997 Ozone Orphan Maintenance Area are developing new 2045 and 2050 long-range transportation plans (LRTP). Projects for each area were provided in advance of the meeting.

First discussed were projects for KATS new 2050 Metropolitan Transportation Plan, also referred to as a LRTP. See list in Appendix C.

Donna Wittl was the representative for the rural Statewide Transportation Improvement

Program (STIP). All projects were deemed exempt. Projects are included in Appendix C.

The BCATS 2045 LRTP projects were reviewed. All projects were deemed exempt. See list in Appendix C.

It was noted that the KATS and BCATS list would need to be finalized with each project classified as exempt or non-exempt. Both MPOs were still working on exact project for fiscal constraint of the LRTPs.

The group was asked if they had any questions on the policies for reviewing projects. Questions were asked and the group agreed to the policies. The policies were sent again to the MITC-IAWG after the meeting to ensure all partners had copies.

MITC-IAWG Policies for Reviewing Projects for

Kalamazoo-Battle Creek Limited Orphan Maintenance Area (Kalamazoo, Calhoun, and Van Buren Counties)

Policies were reviewed and agreed to by the Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG) for the above areas at the September 15, 2021 meeting.

The Transportation Conformity State Implementation Plan Memorandum of Agreement defines roles, responsibilities, and regulations for interagency workgroups in Michigan.

General Policies:

1. Definition of an air quality regionally significant project:
A transportation project on a facility that serves regional transportation needs (access to and from the areas) from outside the region, access to major activity centers (and new centers of activity malls, sporting, and transportation terminals), and would normally be included in the travel demand model. At a minimum, includes principal arterials (national functional classification 1, 2, and 3) and fixed guideway transit that offer an alternative to regional highway travel.
2. Traffic circles and roundabouts: exempt; intersection channelization project.
3. Auxiliary lanes if 1 mile or less: exempt; projects that correct, improve, or eliminate a hazardous location or feature. EPA/FHWA policy November 2017.
4. Ramp metering: exempt; projects that correct, improve, or eliminate a hazardous location or feature. EPA/FHWA policy November 2017.

5. Addition of right-turn lane or left-turn lane at an intersection, individual lane length less than half a mile: exempt; projects that correct, improve, or eliminate a hazardous feature; or not able to be modeled with the travel demand model.
6. Adding a center turn lane of 1 mile or less: exempt; projects that correct, improve, or eliminate a hazardous feature.
7. Adding a thru lane of less than half a mile: exempt; projects that correct, improve, or eliminate a hazardous feature.
8. Road diets:
 - a. Four to three lanes: four through-lanes to two through-lanes with dual center left-turn lane if length is 1 mile or less: exempt; projects that correct, improve, or eliminate a hazardous location or feature.
 - b. Other types of road diets must provide information on the Road Diet Questionnaire to be considered for exempt status. If information is not provided road diet will be considered non-exempt.

i. Road diet questionnaire process:

1. Road Diet Questionnaire will be filled out either by local road agency or MPO staff.
 2. The road diet will be identified in project list and the road diet questionnaire sent to the MITC-IAWG.
 3. MITC-IAWG members reply via email if they consider the project exempt.
 4. If no objection to the project as exempt is received, no further action is required.
 5. If a member believes the project is non-exempt, a conference call will be held to discuss the project.
9. For amendments to only change the cost of a project or projects, the previous air quality status (exempt or non-exempt) will remain for each project. The MITC-IAWG will not need to review the project again. The MPO for TIP projects and MDOT for rural STIP projects will be responsible for ensuring that only cost changed. A statement attached to the amendment when submitted will state only costs have changed. The statement will also list when the last time each project was reviewed by the MITC-IAWG.
10. Projects included in a General Project Account (GPA) have to be exempt. GPAs should be reviewed by MITC-IAWG to confirm exempt status.

Specific Policies:

Nonattainment Areas:

1. If a non-exempt project is part of an amendment, a conference call MITC-IAWG is required.

2. If all projects in the amendment are exempt, an MITC-IAWG can be conducted by e-mail.

a. Process to conduct a MITC-IAWG through e-mail:

- i. The MPO will e-mail the IAWG requesting concurrence that all projects are exempt.
- ii. The list of projects is attached to the email. Spreadsheet should include fields required for MITC-IAWG review.
- iii. The IAWG members will have five business days, starting the day after the e-mail project list is sent to review. IAWG members are requested to respond “concur” or “do not concur.” Only one response from each member agency of the IAWG is required. Other are encouraged to respond since they have knowledge that is important to the group.
- iv. The date of the IAWG will be the date the e-mail request is sent.
- v. The meeting summary will be sent to the MITC-IAWG. A basic e-mail format has been established.

3. Projects are grouped into analysis years based on the year the project will be open to traffic.

4. Moving a non-exempt project within an analysis year group can be done as part of an e-mail IAWG. The situation should be explained in the air quality comment field.

5. All projects that can be modeled in the travel demand model will be modeled regardless of exempt status when a new conformity analysis is conducted.

Limited Orphan Maintenance Area (LOMA) or Orphan Maintenance Area (OMA):

1. All MITC-IAWGs can be conducted by e-mail.

2. Process to conduct a MITC-IAWG through e-mail:

- 1. The MPO will e-mail the IAWG requesting concurrence of projects for TIP and MDOT will email for rural STIP.
- 2. The list of projects for review should be attached in a spreadsheet which includes fields needed by the MITC-IAWG to make decisions.
- 3. The IAWG members will have five business days, starting the day after the e-mail project list is sent to review. IAWG members are requested to respond “concur” or “do not concur.” Only one response from each member agency of the IAWG is required. Other are encouraged to respond since they have knowledge that is important to the group.
- 4. The date of the IAWG will be the date the e-mail request is sent.
- 5. A meeting summary will to be sent to the MITC-IAWG.
- 6. If an amendment contains a non-exempt project a new conformity report will be needed.

Meeting Summary

Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG)

Kalamazoo - Battle Creek Limited Orphan Maintenance Area (LOMA)

Battle Creek Area Transportation Study (BCATS) Updated 2045 MTP Project List

Date of MITC-IAWG (February 7-11, 2022)

A MITC-IAWG was conducted by e-mail for an updated listing of 2045 long range transportation plan projects for BCATS. The responses from MITC-IAWG participants are provided below. The group concurred with BCATS staff that all of the projects are air quality exempt. The updated project list, as provided to the group is included in this conformity report along with the original project lists for KATS and the rural areas of the LOMA.

Agency	Name	Concur	Not Concur	No Response
Required one response	per agency			
EPA	Michael Leslie	X		
FHWA	Andy Pickard			X
FHWA	Andrew Sibold	X		
FHWA	Christina Ignasiak			X
FTA	Susan Weber	X		
FTA	Deidre Wesley			X
Kalamazoo MPO (KATS)	Steve Stepek	X		
EGLE	Breanna Bukowski	X		
MDOT Conformity	Donna Wittl	X		
MDOT SPS	Jeff Franklin	X		
MDOT SPS	Daniela Khavaiian			X
MDOT SUTA	Luke Walters	X		
MDOT SW Region	Amy Lipset			X
MDOT SW Region	Brian Sanada			X
MDOT Project Level	Brad Peterson			X
MDOT Project Level	Ryan Gladding			X
MDOT STIP	Mark Kloha			X
MDOT SUTA	Rob Maffeo			X
MDOT OPT	Fred Featherly			X

Appendix B: Public Comments and Responses

No public comments were received during the KATS public comment period.

No public comments were received during the BCATS public comment period.

Appendix C: Adopting Actions – KATS and BCATS

The minutes from the KATS meeting approving the TCDR (December 15, 2021, page 3) and the adopting resolution for BCATS (February 23, 2022) relative to the Report are provided on the following pages.

KALAMAZOO AREA TRANSPORTATION STUDY POLICY COMMITTEE

Minutes of the December 15, 2021 Meeting

CALL TO ORDER

The December 15, 2021 Policy Committee Meeting was called to order remotely in accordance with Kalamazoo County State of Emergency Declaration, by Chair Randy Thompson at 9:00 a.m.

INTRODUCTIONS

Participants in the meeting stated their name and location from which they are attending the meeting remotely.

ROLL CALL

Remote meeting attendance was recorded on the sign-in sheet.

MEMBERS PARTICIPATING

	<u>Agency</u>	<u>Call-In Location</u>
Rob Britigan	City of Parchment	Comstock Township
Kerry DenBraber	Michigan Department of Transportation, TSC	Martin Township
Marsha Drouin, Treasurer	Richland Township	Richland Township
Jeff Franklin	Michigan Department of Transportation, Planning	Owosso, MI
Jason Gatlin	Wakeshma Township	Wakeshma Township
Libby Heiny-Cogswell, Vice Chair	Oshtemo Township	Oshtemo Township
Jeff Heppler	Village of Augusta	Village of Augusta
Adam Herringa	City of Portage	City of Portage
Martin Janssen	Kalamazoo County Transportation Authority	Cooper Township
Joanna Johnson	Road Commission of Kalamazoo County	City of Kalamazoo
Sarah Joshi	City of Galesburg	City of Galesburg
Greg Kinney	Van Buren County Road Commission	Village of Decatur
Tracy Locey	Brady Township	Brady Township
Nick Loeks	Texas Township	Texas Township
Sherine Miller	Kalamazoo Township	Kalamazoo Township
Dennis Olson	Village of Vicksburg	Village of Vicksburg
Paul Sotherland	KATS Citizens Advisory Committee	Kalamazoo Township
Randy Thompson, Chair	Comstock Township	Comstock Township
Jerry VanderRoest	Charleston Township	Charleston Township

MEMBERS ABSENT

	<u>Agency</u>
Curtis Aardema	Central County Transportation Authority
Carol Daly	Village of Mattawan
John Gisler	Kalamazoo County
Edward Hellwege	Village of Paw Paw
Lisa Imus	Village of Lawton
Chris Praedel	City of Kalamazoo
Jeff Sorensen	Cooper Township
Don Ulsh	Schoolcraft Township

OTHERS PARTICIPATING

	<u>Agency</u>
Paul Ecklund	Disability Network of Southwest Michigan
Jason Gatlin	Wakeshma Township
Robert Henderson	Van Buren Public Transit
Megan Mickelson	Kalamazoo Area Transportation Study
Ryan Minkus	Road Commission of Kalamazoo County
Elizabeth Rumick	Kalamazoo Area Transportation Study
Paul Selden	Bike Friendly Kalamazoo
Steve Stepek	Kalamazoo Area Transportation Study
Ali Townsend	Kalamazoo Area Transportation Study

CHANGES OR ADDITIONS TO THE AGENDA

There were no changes or additions to the agenda.

APPROVAL OF THE AGENDA

MOTION by Heppler, SECOND by Drouin, ***“to approve the agenda of the December 15, 2021 Policy Committee Meeting.”*** MOTION APPROVED.

PUBLIC COMMENTS

Selden of Bike Friendly Kalamazoo announced the Community-Wide Bicycle Program Steering Committee met December 1, 2021. The national bicycle skills “All Kids Bike Program” will be presented to every Kindergarten Physical Education class in the region. Sawyer Duncan, Vicksburg School District Physical Education Teacher, will lead the curriculum.

CONSENT AGENDA

- ACCEPTANCE OF THE TREASURER’S REPORT
- ACCEPTANCE OF THE TECHNICAL COMMITTEE REPORT (DECEMBER 2, 2021)
- ACCEPTANCE OF THE SOUTHCENTRAL MICHIGAN PLANNING COUNCIL REPORT
- APPROVAL OF THE MINUTES FROM THE NOVEMBER 17, 2021 MEETING

MOTION by Johnson, SECOND by Heppler, ***“to accept and approve the items on the Consent Agenda.”*** MOTION APPROVED.

TRANSPORTATION IMPROVEMENT PROGRAM AMENDMENTS

Steppek provided information on the five amendments included in the packet. Three are additions related to 2023 safety grants that were awarded and two are budget increases. The Technical Committee recommends approval of the Transportation Improvement Program Amendments as presented.

MOTION by Drouin, SECOND by Britigan, ***“to approve the Fiscal Year 2020 – 2023 Transportation Improvement Program Amendments.”*** MOTION APPROVED.

STATE SAFETY TARGETS

The State Safety Targets, data, and supporting documentation is included in the meeting packet. Stepek elaborated that this is the annual state’s 2022 calendar year target. Per Federal requirements, every Metropolitan Planning Organization is required to either adopt the state safety targets or develop their own. Kalamazoo Area Transportation Study has traditionally supported state targets. Region-wide data shows an overall downward trend for bicyclist and pedestrian serious injuries, serious injuries, and fatalities with some exceptions. The Technical Committee recommends supporting the State Safety Targets as presented.

Olson asked when the US-131 project was set to begin. DenBraber responded it is moved from 2023 to 2024.

Johnson added the Road Commission of Kalamazoo County analyzes data to support the type of safety project improvements they pursue. The region is trending in a positive direction as the Road Commission continues correction and support to reduce accidents and fatalities in funded projects.

MOTION by Heppler, SECOND by Janssen, ***“to approve the State Safety Targets.”*** MOTION APPROVED.

LOMA OZONE CONFORMITY REPORT

The report is included in the meeting packet. Stepek explained this is the first time Kalamazoo Area Transportation Study (KATS) along with Battle Creek Area Transportation Study (BCATS) are considered a Limited Orphan Maintenance Area (LOMA) for ozone conformity. Conformity is based on fiscal constraint. KATS Staff and the Technical Committee recommend approval of the report and submission with the Metropolitan Transportation Plan to the Michigan Department of Transportation.

MOTION by Johnson, SECOND by Janssen, ***“to approve the LOMA Ozone Conformity Report.”*** MOTION APPROVED.

POLICY COMMITTEE OFFICER ELECTIONS

Drouin and Sorensen served on the Officer Nomination Subcommittee. Drouin reported nominations for the two-year terms beginning January 1, 2022 include renewed terms for both Chair and Vice-Chair, Randy Thompson (Comstock Township) and Libby Heiny-Cogswell (Oshtemo Township), respectively. Rob Britigan (City of Parchment), is nominated for Treasurer. Thompson thanked Drouin for serving as Treasurer.

MOTION by Janssen, SECOND by Johnson, ***“to approve the Nomination Subcommittee recommendations for Policy Committee Officers as: Randy Thompson-Chair, Libby Heiny-Cogswell-Vice-Chair and Rob Britigan-Treasurer.”*** MOTION APPROVED.

PROJECT LIST FOR 2024 – 2026 TRANSPORTATION IMPROVEMENT PROGRAM

Steppek explained this full project list is included in the packet and available on the katsmpo.org website with a map. Although Kalamazoo Area Transportation Study (KATS) Staff has prioritized the list, prioritization is not shared so it does not impact public opinion. The prioritization process will be communicated in January 2022, the project draft list will be ready in February 2022 with the document presented in March 2022. Britigan asked if the list included only those projects reviewed or all the projects submitted. Stepek answered it includes all projects that were submitted. If any project is missing, let KATS know.

PUBLIC TRANSPORTATION UPDATES

Janssen reported the Kalamazoo County Transportation Authority (KCTA)/ Central County Transportation Authority (CCTA) board met December 13, 2022 to discuss the tragic shooting incident that occurred throughout the Kalamazoo Transportation Center Area on November 27, 2021. The weight of the incident was expressed during the meeting. Security plans in place were discussed. The meeting brought attention to the severe trauma experienced by victims, witnesses, and staff. Some bus drivers have quit making the bus driver shortage worse. Overall, bus drivers responded appropriately by closing bus doors and having riders duck to the floor. One bus driver transported a victim to the hospital in a bus. Metro's national union brought in grief counselors. Earl Cox, President of the Amalgamated Transit Union contacted a Chaplain who was onsite within 15 minutes to assist with shock and fear. Sympathies go out to the shooter who was a troubled individual as well as his family who is also challenged by the event. The shooter was killed by Kalamazoo Public Safety who arrived at the scene within 2 minutes. In the aftermath of the incident, Metro is forming a task force to develop both short-term and long-term plans moving forward. Drouin asked if Metro Connect services Mattawan and Paw Paw. Henderson responded Van Buren Public Transit services Paw Paw. Call them to schedule pick-up and drop-off. Transit Authorities cross over county borders for legal and medical reasons with service to the Battle Creek Veteran's Administration Hospital on Tuesdays and Thursdays.

EXECUTIVE DIRECTOR'S REPORT

Steppek elaborated in addition to the memo included in the meeting materials, Fiscal Year 2021 Obligated Project Report and Fiscal Year 2021 Transportation Improvement Program Modification Summary reports are available on the katsmpo.org website. Invitations will be forthcoming for KATS 101 Training and Timesheet Training which will be held via Zoom in January 2022. The KATS fiscal year-end 2021 financial audit is complete.

NEW BUSINESS

No new business was brought forth.

PUBLIC COMMENTS

Selden of Bike Friendly Kalamazoo invited attendees to Bike Week May 7, 2022 – May 14, 2022. Kalamazoo Bicycle Club will host its annual presentation of Bike Camp. Results of the bike and pedestrian safety enforcement program conducted by the Office of Highway Safety and Planning and the Michigan State Police were presented at the community-wide Bike Program Steering Committee meeting held on December 1, 2021. Citations and warnings were issued to both motorists and bicyclists for violation of traffic laws. The successful program will be repeated. Selden

thanked KATS Staff, the Policy Committee, and Technical Committee for advances in non-motorized progress over the past year.

MEMBER COMMENTS

Britigan representing the City of Parchment thanked members for the nomination as Policy Committee Treasurer, accepts the nomination, and looks forward to the role.

Herringa reported Portage Road in the City of Portage will be closed the weekend of December 18, 2021 for a temporary pedestrian bridge installation over Portage Road so workers can traverse from the parking area to Pfizer's expansion project.

Heiny-Cogswell thanked members for the Vice-Chair appointment. Oshtemo Township has been significantly impacted by the COVID pandemic this week as two staff members tested positive, a family member of an employee died recently due to complications from the virus, and two other employee family members are severely ill with COVID. Oshtemo Township will again require masks in offices and are expected to close township customer service next week due to insufficient staffing.

Heppler announced that after several years of trying, the Michigan Department of Transportation (MDOT) awarded the Village of Augusta an \$830,000 grant to replace the Washington Street bridge in 2024. Heppler appreciates partnership with MDOT, the Road Commission of Kalamazoo County, and area townships. The village 5-year rolling road replacement plan is being reviewed including plans to replaced Augusta Drive. Related to Selden's comments on bicyclist and motorist traffic violation enforcement, Heppler stated the importance of enforcement, engineering, and education.

Olson stated the Village of Vicksburg Christmas parade was a success. The downtown project is almost done. Roads are open. Street lights are being installed and traffic lights should be back up near the first of the year.

Joshi appreciates assistance from everyone as her first year as the City of Galesburg City Manager is wrapping up.

Johnson reported the Road Commission of Kalamazoo County (RCKC) was busy with cleanup after recent damaging strong winds. Johnson gave a shout-out to all first responders that assisted including firefighters, law enforcement, and 911 central dispatch. RCKC is proud and appreciative to be a recipient of the 2021 Branch Award from the American Public Works Association for the Sprinkle Road project.

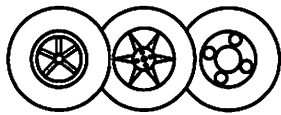
Thompson thanked members for another term as Chair and thanked Britigan for accepting the Treasurer nomination.

ADJOURNMENT

Following a motion by Drouin and a second by Johnson, Chair Thompson adjourned the December 15, 2021 Policy Committee Meeting at 9:40 a.m.

Next Meeting: Wednesday, January 26, 2022 - 9:00 a.m.

Approved 2/23/22 (er)

**BCATS****BATTLE CREEK AREA TRANSPORTATION STUDY**

601 Avenue A • Springfield, MI 49037 • 269-963-1158 • Fax 269-963-4951

Resolution #22-11**Resolution to Accept the Transportation Conformity Determination Report for the 1997 Ozone NAAQS for the Kalamazoo-Battle Creek Limited Orphan Maintenance Area for the Battle Creek Area Transportation Study**

WHEREAS, per the decision in South Coast II, beginning February 16, 2019, transportation conformity determinations for the 1997 ozone national ambient air quality standard (NAAQS) will be needed for those areas that were maintenance areas when the 1997 ozone NAAQS was revoked and then attainment for the 2008 and 2015 NAAQSs, referred to as "orphan" areas; and

WHEREAS, in November 2018, the United States Environmental Protection Agency (EPA) promulgated guidance to assist in implementing the court decision in South Coast II, providing the requirements to demonstrate transportation conformity for areas that were "orphan" areas; and

WHEREAS, the EPA designated the Kalamazoo-Battle Creek non-attainment area of Kalamazoo, Calhoun and Van Buren counties as a maintenance area for the 1997 ozone NAAQS in May 2007 and attainment in July 2012 for the stricter 2008 ozone NAAQS and in January 2018 for the 2015 ozone NAAQS and in April 2020 created a limited second maintenance plan for the 1997 ozone NAAQS; and

WHEREAS, the Kalamazoo-Battle Creek MI maintenance area is deemed an "orphan" area, and the Battle Creek Area Transportation Study (BCATS) is wholly contained in the Kalamazoo-Battle Creek limited orphan maintenance area; and

WHEREAS, the Battle Creek Area Transportation Study (BCATS) is the designated Policy Committee and Metropolitan Planning Organization for the Battle Creek, Michigan urban area; and

WHEREAS, the conformity of BCATS' 2045 Metropolitan Transportation Plan, including the FY 2020-2023 Transportation Improvement Program (TIP), will be pending approval by the Federal Highway Administration after local action on the conformity report by the Battle Creek Area Transportation Study;

NOW THEREFORE BE IT RESOLVED, that the Policy Committee of the Battle Creek Area Transportation Study accepts the conclusions of the Transportation Conformity Determination Report for the 1997 Ozone NAAQS for the Kalamazoo-Battle Creek limited orphan maintenance area for the BCATS 2045 Metropolitan Transportation Plan and the 2020-2023 Transportation Improvement Program; and

BE IT FURTHER RESOLVED, that the Transportation Conformity Determination Report for the 1997 Ozone NAAQS for the Kalamazoo-Battle Creek limited orphan maintenance area demonstrates that these planning documents meet the Clean Air Act and Transportation Conformity rule requirements for the 1997 ozone NAAQS to conform to the State Implementation Plan as required by provisions of Title 40 CFR 51.390 and 93 Subpart A, and the South Coast II decision.

Harry Burdett, Chairperson
Battle Creek Area Transportation Study Policy Committee

Date: February 23, 2022

Appendix D: Projects Evaluated for Conformity

Attached are the projects evaluated at the September 15, 2021, MITC-IAWG for KATS and the rural area of the LOMA.

Also attached is the updated BCATS project list evaluated by the MITC-IAWG in February 2022.

The list of projects starts on the following page.

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2021	City of Kalamazoo	Lake St - Stockbridge Ave	0.247	Bank Street	City of Kalamazoo	Resurface	No	\$587,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project	exempt	
2021	City of Kalamazoo	Manchester Rd to Sprinkle Rd	0.642	Covington Road	City of Kalamazoo	Resurface	No	\$200,000	Resurface roadway through mill and repave along the road section.	exempt	
2021	City of Portage	South Westnedge Avenue to Portage Road	1.5	Milham Avenue	City of Portage	Reconstruct	No	\$2,820,000	Mill and resurface of East Milham Avenue from South Westnedge Avenue to Portage Road, including water main replacement from South Westnedge Avenue to Concord street, storm sewer improvements, traffic signal upgrades, and ADA sidewalk improvements.	exempt	
2021	City of Kalamazoo	Cork St. - Miller St.	1.038	Emerald Street	City of Kalamazoo	Resurface	No	\$450,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2021	City of Kalamazoo	Portage to Emerald	1.003	Miller Road	City of Kalamazoo	Resurface	No	\$500,000	Resurface roadway through mill and repave and improve sidewalk along the road section.	exempt	
2021	City of Kalamazoo	Oakland - Greenleaf	0.842	Parkview Avenue	City of Kalamazoo	Resurface	No	\$1,180,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project	exempt	
2021	City of Kalamazoo	Stockbridge Ave - Portage/Pitcher Connection	1.209	Portage Street	City of Kalamazoo	Resurface	No	\$390,900	Road diet and resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project. Created bicycle lanes and enhance pedestrian crossings and sidewalk.	exempt	
2021	City of Kalamazoo	Cedar to Kalamazoo	0.488	Rose St.	City of Kalamazoo	New Route/Structure	No	\$300,000	Provide multi-modal transportation by narrowing road to one lane in either direction and adding additional bike and pedestrian facilities via "road diet."	exempt	
2021	City of Kalamazoo	Crosstown to Portage	0.787	Stockbridge Ave	City of Kalamazoo	Resurface	No	\$500,000	Resurface roadway through mill and repave along the road section.	exempt	
2021	City of Kalamazoo	Westnedge Ave to Rose St	0.255	Water Street	City of Kalamazoo	Resurface	No	\$150,000	Resurface roadway through mill and repave along the road section.	exempt	
2021	Road Commission of Kalamazoo County	36th Street to E. County Line	6	R Avenue	Climax Township	Resurface	No	\$583,600	Mill and HMA overlay.	exempt	
2021	Road Commission of Kalamazoo County	Riverview Drive to 24th Street	1.8	G Avenue	Cooper and Kalamazoo Townships	Resurface	No	\$245,000	Mill and HMA overlay.	exempt	
2021	Road Commission of Kalamazoo County	W. Main Street to Ravine Road	1.3	Nichols Road	Kalamazoo Township	Resurface	No	\$466,000	Mill, HMA overlay, drainage and signal.	exempt	
2021	Road Commission of Kalamazoo County	City of Kalamazoo Limits to W. Main Street	0.5	Solon Street	Kalamazoo Township	Resurface	No	\$144,000	Mill and HMA overlay.	exempt	
2021	Road Commission of Kalamazoo County	Milham Road to N Avenue	1.2	S. Sprinkle Road	Pavilion Township and City of Portage	Resurface	No	\$1,235,500	Mill, HMA overlay and culvert.	exempt	
2021	Road Commission of Kalamazoo County	Oakland Drive to Portage Road	2.4	U Avenue	Schoolcraft Township	Reconstruct	Yes	\$600,000	Left-turn lane and superelevation corrections.	exempt	
2021	MDOT	Various Locations in Berrien, Cass and Van Buren Counties	56.889	Regionwide	Cass County	Resurface	No	\$8,473	Crack seal, chip/fog seal, micro- surfacing and HMA milling and overlay	exempt	
2021	MDOT	East of Lovers Lane to East of Portage Road	1.248	I-94	Kalamazoo County	Reconstruct	Yes	\$69,053,840	Road reconstruction and widen.	exempt	
2021	MDOT	Portage Road to Sprinkle Road	1.182	I-94	Kalamazoo County	Reconstruct	Yes	\$34,060,074	Road and bridge reconstruction.	exempt	
2021	MDOT	M-43 at G Avenue	0.688	M-43	Kalamazoo County	Reconstruct	Yes	\$3,960,00	Construct roundabout.	exempt	
Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	exempt	
2021	MDOT	M-43 at G Avenue	0.688	M-43	Kalamazoo County	Reconstruct	Yes	\$40,000	Construct roundabout.	exempt	
2021	MDOT	M-43 at 28th Street	0.957	M-43	Kalamazoo County	Traffic Safety	No	\$1,370,000	Add left turn lane and intersection realignment	exempt	
2021	MDOT	M-343, Gull Road at Sprinkle Road	0.341	M-343	Kalamazoo County	Widen - Minor (Less than 1 mile)	No	\$40,000	Construct dual left turn lanes	exempt	
2021	MDOT	12th Street to Westnedge Avenue	3.012	I-94 W	Kalamazoo County	Resurface	No	\$106,876	Diamond grinding concrete pavement	exempt	
2021	MDOT	I-94 W ramp to US-131 Northbound	1.782	I-94 W	Kalamazoo County	Widen - Minor	Yes	\$977,001	Widen for additional ramp lane	exempt	
2021	MDOT	Milham Avenue	2.905	E Milham Avenue	City of Portage	Resurface	No	\$1,825,299	Roadway rehabilitation and signal interconnect	exempt	
2021	MDOT	Milham Avenue	2.905	E Milham Avenue	City of Portage	Resurface	No	\$744,701	Roadway rehabilitation and signal interconnect	exempt	

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2022	City of Kalamazoo	Angling Rd north to driveway (approx. 275' north of Angling Rd)	0.0521	Angling Road Culvert	City of Kalamazoo	Resurface	No	\$930,750	Rebuild culvert and drainage of the roadway. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	
2022	City of Portage	West Centre Avenue to Old Centre Avenue	0.3	Cooley Drive	City of Portage	Reconstruct	No	\$535,000	Project includes the realignment of Cooley Drive at Old Centre Avenue, curb and gutter on Cooley Drive and sidewalk improvements.	exempt	
2022	City of Kalamazoo	Parkview Ave to Stadium Dr	0.677	Drake Road	City of Kalamazoo	Resurface	No	\$500,000	Resurface roadway through mill and repave along the road section.	exempt	
2022	City of Portage	East Milham Avenue to Kilgore Road	1.02	Lovers Lane	City of Portage	Reconstruct	No	\$1,400,000	Mill and resurface including sanitary sewer extension, water main replacement (City of Kalamazoo), ADA sidewalk upgrades, and landscaping.	exempt	
2022	Portage	East Milham Avenue to Sprinkle Road	0.3	Meredith Street	City of Portage	Reconstruct	No	\$1,800,000	Project will consist of reconstructing Meredith Street from East Milham Avenue to Sprinkle Road to include water main replacement, traffic calming, new curb and gutter and sidewalk.	exempt	
2022	City of Kalamazoo	Emerald Dr to Sprinkle Rd	1.01	Miller Road	City of Kalamazoo	Resurface	No	\$500,000	Resurface roadway through mill and repave and improve sidewalk along the road section.	exempt	
2022	City of Kalamazoo	Kilgore to Parkview	1.001	Oakland Drive	City of Kalamazoo	Resurface	No	\$500,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2022	City of Kalamazoo	575' East of Harrison St to 145' West of Riverview Dr	0.0587	Paterson Bridge	City of Kalamazoo	Bridge-Other	No	\$3,800,000	Project scope and effort still to be detailed out. Expected work to include rehabilitation of surface deck and substructure and preservation of the superstructure.	exempt	
2022	City of Portage	Wetherbee Avenue to Lakeview Drive	0.88	Portage Road	City of Portage	Reconstruct	Yes	\$2,500,000	Reduce Portage Road from 4-5 lanes to 3 lanes from Wetherbee Avenue to Lakeview Drive. This project would include upgrading/extending sidewalks, adding bike lanes on both sides of the roadway, and constructing a dedicated left turn lane.	exempt	
2022	City of Kalamazoo	Cork to Stockbridge	0.968	Portage Street	City of Kalamazoo	Resurface	No	\$350,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2022	City of Kalamazoo	Kilgore to Cork	0.968	Portage Street	City of Kalamazoo	Resurface	No	\$750,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2022	City of Kalamazoo	Frank to Paterson	0.29	Porter Street	City of Kalamazoo	Resurface	No	\$125,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2022	City of Kalamazoo	Burdick to Walbridge	0.349	Ransom Street	City of Kalamazoo	Resurface	No	\$1,280,000	Resurface roadway through mill and repave along the road section in conjunction with water and wastewater construction work occurring at the same time.	exempt	
2022	City of Portage	Angling Road to Oakland Drive	1.13	Romence Road	City of Portage	Reconstruct	No	\$1,100,000	Mill and resurface to include ADA sidewalk upgrades and landscaping improvements.	exempt	
2022	City of Portage	Mall Drive to Trade Centre Way	1.01	South Westnedge Avenue	City of Portage	Restore and Rehabilitate	No	\$250,000	Microsurfacing including sidewalk and landscaping improvements.	exempt	
2022	City of Kalamazoo	Rambling Rd to Lovell	1.817	Stadium Drive	City of Kalamazoo	Resurface	No	\$2,365,000	Resurface roadway in conjunction with water/wastewater rehab work occurring at the same time.	exempt	
2022	City of Kalamazoo	Covington to Sprinkle	0.408	VanRick Drive	City of Kalamazoo	Resurface	No	\$100,000	Resurface roadway through mill and repave. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	
2022	Road Commission of Kalamazoo County	E. Main Street to G Avenue	2.2	N Sprinkle Road	Comstock Township	Resurface	No	\$628,000	Mill and HMA overlay.	exempt	
2022	Road Commission of Kalamazoo County	Nichols Road to Douglas Avenue	1.3	Barney Road	Kalamazoo Township	Resurface	No	\$200,000	Mill and HMA overlay.	exempt	
2022	Road Commission of Kalamazoo County	Douglas Avenue to Riverview Drive	0	Mosel Avenue	Kalamazoo Township	Traffic Safety	No	\$505,000	Traffic signal replacement	exempt	
2022	Road Commission of Kalamazoo County	29th Street to 34th Street	2.6	S Avenue	Pavilion Township	Reconstruct	No	\$552,000	Reconstruct road.	exempt	
2022	MDOT	M-216 north to U Avenue	8.267	US-131	Kalamazoo County	Resurface	No	\$34,000,000	Milling with multicourse overlay and ASCRL	exempt	
2022	MDOT	1st Street to 4th Street	0.239	M-40	Van Buren County	Traffic Safety	No	\$418,700	Pedestrian safety improvements	exempt	
2022	Village of Augusta	August Drive to North Village Limit	0.708	N Augusta Avenue	Village of Augusta	Resurface	No	\$250,000	1" HMA mill and 2" replacement of HMA	exempt	
2022	City of Kalamazoo	Stadium Drive	1.356	Stadium Drive	City of Kalamazoo	Resurface	No	\$3,950,000	Roadway rehabilitation, mill and resurface	exempt	

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2022	City of Kalamazoo	Lake Street over Portage Creek	0	Lake Street	City of Kalamazoo	Bridge-Other	No	\$50,000	Bridge capital preventative maintenance	exempt	
2022	City of Kalamazoo	East Walnut Street over Portage Creek	0	East Walnut Street	City of Kalamazoo	Bridge-Other	No	\$143,000	Bridge capital preventative maintenance	exempt	
2022	City of Kalamazoo	East Paterson Street over Kalamazoo River	0	East Paterson Street	City of Kalamazoo	Bridge-Other	No	\$3,012,000	Bridge rehabilitation	exempt	
2022	Road Commission of Kalamazoo County	Sprinkle Road	2.181	Sprinkle Road	Kalamazoo County	Resurface	No	\$590,000	Roadway rehabilitation, mill and resurface	exempt	
2022	Road Commission of Kalamazoo County	Sprinkle Road	0.779	Sprinkle Road	Kalamazoo County	Resurface	No	\$228,937	HMA mill and resurface	exempt	
2022	Road Commission of Kalamazoo County	D Avenue to AB Avenue then along AB Avenue to M-89	3.375	N 24th Street	Kalamazoo County	Traffic Safety	No	\$2,045,000	Paved shoulders and superelevation corrections	exempt	
2022	City of Portage	Westnedge Avenue	0.938	S. Westnedge Avenue	City of Portage	Resurface	No	\$250,000	Microsurface	exempt	
2022	City of Portage	Lovers Lane	2.038	Lovers Lane	City of Portage	Resurface	No	\$1,075,000	HMA mill and resurface	exempt	
2022	Village of Schoolcraft	14th Street to East Village Limits	0.252	E Lyon Street	Village of Schoolcraft	Resurface	No	\$150,000	2" HMA mill and 2" HMA top course	exempt	
2022	Village of Mattawan	South Main Street over Amtrak Railroad	0	South Main Street	Village of Mattawan	Bridge-Other	No	\$1,830,000	Bridge rehabilitation	exempt	
2022	MDOT	72nd Street to south of Lagrave Street	3.402	M-40	Van Buren County	Resurface	No	\$9,826,475	Mill and two course hot mix asphalt overlay	exempt	
2022	Village of Paw Paw	Gramps Street to LaGrave	0.27	E Michigan Avenue	Van Buren County	Reconstruct	No	\$375,000	Reconstruct	exempt	
2023	Road Commission of Kalamazoo County	N Avenue to I-94	0.8	N. Sprinkle Road	Comstock Township	Resurface	No	\$368,000	Mill, HMA overlay and drainage.	exempt	
2023	Road Commission of Kalamazoo County	City of Kalamazoo Limits to G Avenue	1.6	Douglas Avenue	Kalamazoo Township	Resurface	No	\$245,000	Mill and HMA overlay.	exempt	
2023	Road Commission of Kalamazoo County	42nd Street to E. County Line	3	W Avenue	Wakeshma Township	Resurface	No	\$683,000	Pulverize, HMA overlay and shoulder widening.	exempt	
2023	City of Portage	Romence Road to West Milham Avenue	1.1	Angling Road	City of Portage	Reconstruct	No	\$800,000	Mill and resurface.	exempt	
2023	City of Kalamazoo	Westnedge to Burdick	0.499	Cork Street	City of Kalamazoo	Resurface	No	\$300,000	Resurface roadway through mill and repave. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	
2023	City of Portage	East Shore Drive to East Centre Avenue	0.67	Cox's Drive	City of Portage	Reconstruct	No	\$500,000	Mill and resurface to include concrete curb and gutter and non-motorized trail.	exempt	
2023	City of Kalamazoo	65' NE of Jasper St and 615' SW of E Vine St	0.0237	Crosstown Bridge	City of Kalamazoo	Bridge-Other	No	\$1,827,500	Rehabilitation of bridge decking and superstructure	exempt	
2023	Road Commission of Kalamazoo County	Stadium Drive to W. Michigan Ave	0.92	Drake Road	West side of Stadium Drive between Stadium Drive and W. Michigan Ave, Oshtemo Township	Roadside Facility	No	\$375,000	5-8 foot-wide concrete sidewalk on the West side of Drake Road from Stadium Drive to W. Michigan Avenue. Work includes earth excavation, machine grading, retaining wall construction, driveway removal and replacement, fence relocation, landscaping, restoration and minor permanent signage. All work will be done in accordance with the American's with Disabilities Act standards. This project will require coordination with Amtrak.	exempt	
2023	City of Kalamazoo	100' East of Westchester Ln and 145' West of Plymouth Ln	0.0464	Inkster Bridge	City of Kalamazoo	Bridge-Other	No	\$2,000,000	Total bridge replacement for failing bridge deck and superstructure.	exempt	
2023	City of Kalamazoo	Oakland to Duke	0.973	Kilgore Road	City of Kalamazoo	Resurface	No	\$600,000	Resurface roadway through mill and repave. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	
2023	City of Kalamazoo	Park to Burdick	0.306	Maple Street	City of Kalamazoo	Resurface	No	\$150,000	Resurface roadway through mill and repave. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	
2023	City of Portage	West Centre Avenue to Romence Road	1.59	Moorsbridge Road	City of Portage	Reconstruct	No	\$1,175,000	Mill and resurface to include pedestrian crossing enhancements at entrance to Portage West Middle school, ADA sidewalk upgrades and landscaping improvements.	exempt	
2023	City of Portage	East Centre Avenue to Romence Road	1.09	Portage Road	City of Portage	Reconstruct	No	\$1,900,000	Mill and resurface to include traffic signal replacement at Romence Road and Portage Road, and the addition of median island boulevards and landscaping improvements along Portage Road.	exempt	

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2023	City of Kalamazoo	Westnedge to Burdick	0.333	Ransom Street	City of Kalamazoo	Resurface	No	\$300,000	Resurface roadway through mill and repave along the road section in conjunction with water and wastewater construction work occurring at the same time.	exempt	
2023	City of Portage	Osterhout Avenue to South Shore Drive	1.3	South Westnedge Avenue	City of Portage	Reconstruct	No	\$840,000	Mill and resurface on South Westnedge Avenue from Osterhout Avenue to South Shore Drive including sanitary sewer forcemain replacement, sidewalk and bike lane improvements and landscaping.	exempt	
2023	City of Portage	South City Limits to Vanderbilt Avenue	2	Shaver Road	City of Portage	Reconstruct	No	\$2,530,000	Mill and resurface to include water main replacement, addition of median island boulevards, sidewalk upgrades and landscaping improvements.	exempt	
Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2023	City of Kalamazoo	Kalamazoo Ave to Paterson	0.596	Walbridge Street	City of Kalamazoo	Resurface	No	\$250,000	Resurface roadway through mill and repave. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	
2023	City of Kalamazoo	Howard to Michigan	1.2	Westnedge Avenue	City of Kalamazoo	Resurface	No	\$480,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2023	City of Kalamazoo	Howard to Cork/Whites	0.958	Westnedge Ave	City of Kalamazoo	Resurface	No	\$1,361,300	Resurface roadway in conjunction with wastewater rehab work and water department work/construction occurring at the same time.	exempt	
2023	City of Kalamazoo	Oakland to Westnedge	1.245	Whites Road	City of Kalamazoo	Resurface	No	\$1,500,000	Resurface roadway in conjunction with wastewater rehab work and water department work/construction occurring at the same time.	exempt	
2023	MDOT	Over Amtrak and Kl Avenue	0	US-131	Kalamazoo County	Bridge-Other	No	\$11,300,000	Bridge replacement	exempt	
2023	MDOT	M-343, Gull Road at Sprinkle Road	0.341	M-343	Kalamazoo County	Widen - Minor (Less than 1 mile)	No	\$1,635,001	Construct dual left turn lanes	exempt	
2023	MDOT	10th Street and Drake Road	0.996	M-43	Kalamazoo County	Widen - Minor (Less than 1 mile)	No	\$920,000	Widening for turn lanes, intersection and interchange ramp	exempt	
2023	City of Kalamazoo	Stadium Drive to Kl Avenue	0.582	South Drake Road	City of Kalamazoo	New Route/Structure	No	\$361,744	Construct South Drake Road shared-use pathway	exempt	
2023	City of Kalamazoo	Whites Road	1.061	Whites Road	City of Kalamazoo	Resurface	No	\$1,150,000	Resurface and road diet	exempt	
2023	City of Kalamazoo	Westnedge Avenue	0.958	South Westnedge Avenue	City of Kalamazoo	Resurface	No	\$606,250	Roadway rehabilitation with mill and resurface	exempt	
2023	City of Kalamazoo	Westnedge Avenue	0.958	South Westnedge Avenue	City of Kalamazoo	Resurface	No	\$59,000	Roadway rehabilitation with mill and resurface	exempt	
2023	City of Kalamazoo	Westnedge Avenue	0.958	South Westnedge Avenue	City of Kalamazoo	Resurface	No	\$505,299	Roadway rehabilitation with mill and resurface	exempt	
2023	City of Kalamazoo	Westnedge Avenue	0.958	South Westnedge Avenue	City of Kalamazoo	Resurface	No	\$463,750	Roadway rehabilitation with mill and resurface	exempt	
2023	Road Commission of Kalamazoo County	T Avenue to PQ Avenue	3.497	S 36th Street	Kalamazoo County	Resurface	No	\$525,000	Crush and shape and asphalt resurfacing	exempt	
2023	Road Commission of Kalamazoo County	City of Kalamazoo limits to G Avenue	1.577	Douglas Avenue	Kalamazoo County	Resurface	No	\$306,250	HMA mill and resurface	exempt	
2023	Road Commission of Kalamazoo County	North Sprinkle Road over Spring Brook	0	North Sprinkle Road	Kalamazoo County	Bridge-Other	No	\$172,000	Bridge rehabilitation	exempt	
2023	City of Portage	Portage Road	1.046	Portage Road	City of Portage	Resurface	No	\$1,085,000	Roadway rehabilitation with mill and resurface	exempt	
2023	City of Portage	Portage Road	1.046	Portage Road	City of Portage	Resurface	No	\$730,000	Roadway rehabilitation with mill and resurface	exempt	
2023	City of Portage	Portage Road	1.046	Portage Road	City of Portage	Resurface	No	\$1,530,000	Roadway rehabilitation with mill and resurface	exempt	
2024	City of Portage	South Westnedge Avenue to Lovers Lane	0.8	Garden Lane	City of Portage	Reconstruct	No	\$800,000	Mill and resurface to include curb and gutter, non-motorized transportation upgrades and landscaping improvements	exempt	
2024	City of Kalamazoo	Stearns to Crosstown	0.331	Maple Street	City of Kalamazoo	Reconstruct	No	\$580,000	Reconstruct road in conjunction with water/wastewater work being done at the same time to include culvert and pedestrian areas.	exempt	
2024	MDOT	Mall Drive and 9th Street	0	M-43 (209414)	KATS MPO	Traffic Safety	No	\$1,817,339	Modernizing signalized intersection to current standards	exempt	
2024	City of Portage	Romence Road to Fairfield Road	1.8	Portage Road	City of Portage	Reconstruct	No	\$3,550,000	Mill and resurface of Portage Road from Romence Road to Fairfield Road to include water main replacement, median island boulevards, ADA sidewalk upgrades and landscaping improvements. Also included is the replacement of traffic signals at the East Milham Avenue and Winters Drive intersections.	exempt	
2024	City of Kalamazoo	Portage to Fulford	0.673	Reed Street	City of Kalamazoo	Resurface	No	\$100,000	Resurface roadway through mill and repave. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2024	City of Portage	Melody Avenue to West Centre Avenue	0.52	South Westnedge Avenue	City of Portage	Reconstruct	No	\$1,100,000	Mill and resurface on South Westnedge Avenue from Melody Avenue to West Centre Avenue to include the traffic signal replacement at South Westnedge Avenue and West Centre Avenue	exempt	
2024	City of Portage	Oakland Drive to Hampton Creek	1.08	Vanderbilt Avenue	City of Portage	Reconstruct	No	\$550,000	Mill and resurface on Vanderbilt Avenue from Oakland Drive to Hampton Creek	exempt	
2024	Road Commission of Kalamazoo County	US-131 to Portage Road	3	XY Avenue	Schoolcraft Township	Resurface	No	\$580,000	Pulverize, HMA overlay and shoulder widening.	exempt	
2024	MDOT	West Main from 10th Street to Drake Road	0.996	M-43 (210813)	Oshtemo Township	Minor Widening	Yes	\$70,000	Widening for turn lanes, intersection and interchange ramp	exempt	
2024	MDOT	All of KATS MPO	2.876	Regionwide (207391)	KATS MPO	Traffic Safety	No	\$1,900	Longitudinal pavement marking application on turnklines	exempt	
2024	MDOT	All of KATS MPO	2.876	Regionwide (207391)	KATS MPO	Traffic Safety	No	\$423,700	Longitudinal pavement marking application on turnklines	exempt	
2024	MDOT	All of KATS MPO	3.816	Regionwide (207392)	KATS MPO	Traffic Safety	No	\$1,900	Special pavement marking application on trunklines	exempt	
2024	MDOT	All of KATS MPO	3.816	Regionwide (207392)	KATS MPO	Traffic Safety	No	\$87,400	Special pavement marking application on trunklines	exempt	
2024	MDOT	All of KATS MPO	1.691	Regionwide (207403)	KATS MPO	Traffic Safety	No	\$2,090	Pavement marking retroreflectivity readings on trunklines	exempt	
2024	MDOT	I-94 westbound ramp to US131 Northbound	1.782	I-94 W/US131 N Ramp (210812)	KATS MPO	Minor Widening	Yes	\$9,292,000	Widening for additional ramp lane	exempt	
2024	MDOT	12th Street to Westnedge Avenue	3.012	I-94 W	Kalamazoo County	Resurface	No	\$741,004	Diamond grinding concrete pavement	exempt	
2024	MDOT	East of M-51 to east of M-40	5.387	I-94	Van Buren County	Resurface	No	\$45,000,000	I-94 and M-40 road and bridge work	exempt	
2024	MDOT	I-94 Westbound between Westnedge and 12th Street	3.012	I-94 W (204791)	Kalamazoo County	Capital Preventive Maintenance	No	\$823,338	Diamond grinding concrete pavement	exempt	
2025	City of Kalamazoo	Stadium to Michigan	0.586	Howard St	City of Kalamazoo	Restore and Rehabilitate	Yes	\$592,000	Cost includes placement of non- motorized pathway occurring in 2021 to be followed by resurfacing of the roadway around 2025	exempt	
2025	City of Kalamazoo	Burrows to Eldred	0.268	Lovell Street	City of Kalamazoo	Resurface	No	\$100,000	Resurface roadway through mill and repave. Share costs and management of project with water and wastewater for any work done cooperatively.	exempt	
2025	City of Portage	Shaver Road to Katie Court	1.11	Oakland Drive	City of Portage	Reconstruct	No	\$600,000	Mill and resurface on Oakland Drive from Shaver Road to Katie Court.	exempt	
2025	City of Portage	Lakeview Drive to East Centre Avenue	1.39	Portage Road	City of Portage	Reconstruct	Yes	\$6,500,000	Reduce Portage Road from 5 lanes to 3 lanes from Lakeview Drive to East Centre Avenue. This project would include upgrading/extending sidewalks, increasing non-motorized transportation, constructing a dedicated left turn lane and addition of boulevards in the median, and landscape improvements.	exempt	
2025	City of Portage	Constitution Boulevard to South Westnedge Avenue	0.69	Romence Road	City of Portage	Reconstruct	No	\$870,000	Mill and resurface on Romence Road from Constitution Boulevard to South Westnedge Avenue including sidewalk improvements and landscaping enhancements	exempt	
2025	City of Portage	12th Street to Oakland Drive	1.78	West Milham Avenue	City of Portage	Reconstruct	No	\$1,700,000	Mill and resurface on West Milham Avenue from 12th Street to Oakland Drive including sidewalk improvements and landscaping enhancements.	exempt	
2025	Road Commission of Kalamazoo County	29th Street to 34th Street	2.5	Q Avenue	Pavilion Township	Resurface	No	\$500,000	Pulverize, HMA overlay and shoulder widening.	exempt	
2025	MDOT	All of KATS MPO	2.791	Regionwide (209623)	KATS MPO	Traffic Safety	No	\$1,900	Longitudinal pavement marking application on turnklines	exempt	
2025	MDOT	All of KATS MPO	2.791	Regionwide (209623)	KATS MPO	Traffic Safety	No	\$423,700	Longitudinal pavement marking application on turnklines	exempt	
2025	MDOT	All of KATS MPO	2.841	Regionwide (209624)	KATS MPO	Traffic Safety	No	\$1,900	Special pavement marking application on trunklines	exempt	
2025	MDOT	All of KATS MPO	2.841	Regionwide (209624)	KATS MPO	Traffic Safety	No	\$87,400	Special pavement marking application on trunklines	exempt	
2025	MDOT	All of KATS MPO	2.032	Regionwide (209634)	KATS MPO	Traffic Safety	No	\$2,090	Pavement marking retroreflectivity readings on trunklines	exempt	
2025	MDOT	I-94 Exit 66	4.066	I-94	Van Buren County	Reconstruct	No	\$163,905	Construct crash investigation sites on I- 94 and ramp extension at exit 66	exempt	
2025	MDOT	West Main from 10th Street to Drake Road	0.996	M-43 (210813)	Oshtemo Township	Minor Widening	Yes	\$6,530,000	Widening for turn lanes, intersection and interchange ramp	exempt	
2026	MDOT	M-96 Kalamazoo River	0	M-96 (211178)	Kalamazoo County	Bridge-Other	No	\$2,402,000	Deep overlay, full depth patching, railing repl, partial paint, riprap	exempt	
2026-2030	MDOT	NB US-131 Ramp to EB US-131 BR		US-131 BR Interchange	Oshtemo Township	New Route/Structure	Yes	\$18,432,000	NB US-131 to EB Business Route Ramp	exempt	
2026-2030	City of Kalamazoo	Crosstown to Oakland	0.668	Howard St	City of Kalamazoo	Restore and Rehabilitat	Yes	\$925,000	Resurfacing of the roadway and road diet to convert 4 lanes to 3 lanes with the addition of a center median island to provide safe school crossings.	exempt	

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2026-2030	City of Kalamazoo	Eldred St to Portage St	1.209	Lovell St	City of Kalamazoo	New Route/Structure	Yes	\$800,000	Change from one-way roadway to two- way roadway. Provide multi-modal transportation in either direction and adding additional bike and pedestrian facilities	exempt	
2026-2030	City of Kalamazoo	Main/Douglas to E Michigan Ave	1.478	Kalamazoo Ave	City of Kalamazoo	New Route/Structure	Yes	\$2,000,000	Change from one-way roadway to two- way roadway. Provide multi-modal transportation in either direction and adding additional bike and pedestrian facilities	exempt	
2026-2030	City of Kalamazoo	Harrison St to Gull Rd	0.694	E Michigan & Riverview	City of Kalamazoo	estore and Rehabilitat	No	\$680,000	Repair and resurface roadway through full depth mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2026-2030	City of Kalamazoo	One Way Split (at Betsy Ann Pl) to Michigan	1.475	Park St	City of Kalamazoo	Resurface	No	\$1,250,000	Resurface roadway through mill and repave in conjunction with water and wastewater work being performed on the same street. Share costs and management of project.	exempt	
2026-2030	City of Kalamazoo	Michigan Ave to Portage St	0.839	South St	City of Kalamazoo	New Route/Structure	Yes	\$700,000	Change from one-way roadway to two- way roadway. Provide multi-modal transportation in either direction and adding additional bike and pedestrian facilities	exempt	
2026-2030	City of Kalamazoo	North to Patterson	N/A	Douglas St	City of Kalamazoo	Roadside Facility	Yes	\$355,000	Signal interconnect and upgrades	exempt	
2026-2030	City of Kalamazoo	Ampersee to North	0.212	Gull Road	City of Kalamazoo	estore and Rehabilitat	Yes	\$629,000	Resurfacing of the roadway and road diet to convert 4 lanes to 3 lanes with the addition of bike lanes.	exempt	
2026-2030	City of Kalamazoo	Main St/Michigan Ave to Kalamazoo Ave	0.289	Michikal	City of Kalamazoo	New Route/Structure	No	\$500,000	Remove roadway following two-way road conversion of Kalamazoo Ave and Michigan Ave.	exempt	
2026-2030	City of Kalamazoo	River to Portage	N/A	Miller Rd	City of Kalamazoo	Roadside Facility	Yes	\$1,665,000	Signal interconnect and upgrades	exempt	
2026-2030	City of Kalamazoo	Kilgore to Lake	2.615	Non-Motorized Path	City of Kalamazoo	New Route/Structure	Yes	\$2,960,000	Construction of an off road Non-Motorized transportation trailway	exempt	
2026-2030	City of Kalamazoo	Kilgore to Lovell	N/A	Oakland Drive	City of Kalamazoo	Roadside Facility	Yes	\$1,081,000	Signal interconnect and upgrades	exempt	
2031-2035	City of Kalamazoo	Reed and Burdick Intersection	N/A	Burdick St	City of Kalamazoo	Roadside Facility	Yes	\$180,000	Signal interconnect and upgrades	exempt	
2031-2035	City of Kalamazoo	Riverview to Porter	0.452	Paterson St	City of Kalamazoo	estore and Rehabilitat	Yes	\$540,000	Road diet to convert 4 lanes to 3 lanes and add bike lanes	exempt	
2031-2035	City of Kalamazoo	Riverview to Douglas	N/A	Paterson St	City of Kalamazoo	Roadside Facility	Yes	\$1,027,000	Signal interconnect and upgrades	exempt	
2031-2035	City of Kalamazoo	Crosstown to Paterson	N/A	Rose St	City of Kalamazoo	Roadside Facility	Yes	\$1,981,000	Signal interconnect and upgrades	exempt	
2031-2035	City of Kalamazoo	North and Burdick Intersection	N/A	Burdick St	City of Kalamazoo	Roadside Facility	Yes	\$329,000	Signal interconnect and upgrades	exempt	
2031-2035	City of Portage	I-94 to Kilgore Road	0.43	Oakland Drive	City of Portage	Widen - Major	Yes	\$2,150,000	Widen Oakland Drive from 4 lanes to 5 lanes from I-94 to Kilgore Road for the additions of dedicated left turn lane and bike lanes. As part of this project, the bridge over the west fork of Portage Creek will need to be reconstructed to accommodate the wider road section.	exempt	
2026-2030	City of Portage	Shaver Road to Portage Road	2.47	Osterhout Avenue	City of Portage	Widen - Major	Yes	\$2,500,000	Widen Osterhout Avenue from 2 lanes to 3 lanes to widen existing bike lanes on both sides of the roadway and install sidewalk on the north side, from Shaver Road to Portage Road. As part of this project, the culvert crossing for Sugarloaf Drain will be replaced to accommodate a wider roadway.	exempt	
2026-2030	City of Kalamazoo	Main/Douglas to E Michigan Ave	1.319	Michigan Ave	City of Kalamazoo	New Route/Structure	No	\$2,000,000	Change from one-way roadway to two- way roadway. Provide multi-modal transportation in either direction and adding additional bike and pedestrian facilities	exempt	
2046-2050	City of Portage	Lakeview Drive to East Osterhout Avenue	1.2	Portage Road	City of Portage	Widen - Major	Yes	\$1,820,000	Widen Portage Road from 3 lanes to 5 lanes to accommodate bike lanes on both sides of the roadway from Lakeview Drive to East Osterhout Avenue. This project will accommodate increase capacity needs in this area.	exempt	
2026-2030	City of Portage	Portage Road to Sprinkle Road	1	Romence Road	City of Portage	Widen - Major	Yes	\$1,820,000	Widen Romence Road from 2 and 3 lanes to 4 lane boulevard from Portage Road to Sprinkle Road. The project will include bike lanes and accommodate increased industrial and airport traffic demands.	exempt	

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Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2031-2035	City of Portage	Milham Avenue to Romence Road	1	South Westnedge Avenue	City of Portage	Widen - Major	Yes	\$3,475,000	Widen northbound lanes on South Westnedge Avenue from 2 lanes to 3 lanes from Milham Avenue to Romence Road. The project will increase capacity for northbound traffic and provide bus stop areas for Metro Transit. This project includes milling and resurfacing of all existing lanes from Milham Avenue to Romence Road, and replacement of sidewalks on east side of road to accommodate widening the northbound lane from 2 to 3 lanes.	exempt	
2031-2035	City of Portage	Romence Road to West Centre Avenue	1	South Westnedge Ave / Shaver Road	City of Portage	Widen - Major	Yes	\$4,808,000	Widen South Westnedge Avenue & Shaver Road from 5 lanes to 7 lanes from Romence Road to West Centre Avenue. Widening the road will provide additional capacity for the project area. Upgrades to sidewalks will also be included in this project.	exempt	
2031-2035	City of Portage	Vanderbilt Avenue to South City Limits	2	Shaver Road	City of Portage	Widen - Major	Yes	\$3,600,000	Widen Shaver Road from 2 and 3 lanes to a 4 lane boulevard or 5 lanes from Vanderbilt Avenue to south city limits. This project will include bike trails and sidewalks to accommodate non- motorist traffic. The project will provide additional capacity for traffic to/from US-131.	exempt	
2026-2030	City of Portage	Oakland Drive to Shaver Road	0.41	Vanderbilt Avenue	City of Portage	n - Minor (Less than 1	Yes	\$440,000	Widen Vanderbilt Avenue from 2 lanes to 3 lanes to accommodate bikes lanes on both sides of the roadway from Oakland Drive to Shaver Road. The project will improve capacity and provide dedicated left turn lane into adjacent properties and intersections.	exempt	
2036-2040	City of Kalamazoo	Cork to Kilgore	0.996	Burdick St	City of Kalamazoo	Widen - Major	Yes	\$3,199,000	Road widening to provide additional width for bike lanes and traffic flow	exempt	
2041-2045	City of Portage	South Westnedge Avenue to Portage Road	1.06	Bacon Avenue	City of Portage	Widen - Major	Yes	\$1,000,000	Widen Bacon Avenue from 2 lanes to 3 lanes to accommodate left turns and for bike lanes on both sides of the road from South Westnedge Avenue to Portage Road.	exempt	
2041-2045	City of Portage	South Westnedge Avenue to Lovers Lane	0.6	Kilgore Road	City of Portage	n - Minor (Less than 1	Yes	\$1,400,000	Widen Kilgore Road from 4 lanes to 5 lanes (addition of one lane for eastbound traffic) from Old Kilgore Road to Lovers Lane. This project will include the removal and replacement of sidewalk to accommodate widening and resurfacing from South Westnedge Avenue to Old Kilgore Road	exempt	
2046-2050	City of Portage	Gladys Street to Romence Road Parkway	0.59	Newport Avenue	City of Portage	New Route/Structure	Yes	\$5,500,000	Construct new 4 lane boulevard to extend Newport Avenue from Gladys Street to Romence Road Parkway. This project will include bike lanes on both sides of the road and adding sidewalks along the east side. The purpose of this project is to improve the traffic carrying capacity and safety on Newport Avenue and Gladys Street.	exempt	
2046-2050	City of Portage	Shaver Road to Centre Avenue	1.97	Oakland Drive	City of Portage	Widen - Major	Yes	\$5,000,000	Widen Oakland Drive from 2 lanes to 4 lane boulevard to accommodate dedicated left turn lane, bike lanes on both sides of the road, and extending sidewalks where needed. As part of this project, the culvert crossing for Portage Creek will be replaced to accommodate a wider roadway.	exempt	
2041-2045	City of Portage	Dawnlee Avenue to West Milham Avenue	0.3	South Westnedge Avenue	City of Portage	n - Minor (Less than 1	Yes	\$1,500,000	Widen northbound lanes on South Westnedge Avenue from 2 lanes to 3 lane boulevard from Dawnlee Avenue to Milham Avenue. This project will include mill and resurface southbound lanes and replace sidewalk on the west side to accommodate widening of northbound lanes.	exempt	
2046-2050	City of Portage	Kilgore Road to Trade Centre Way	0.45	South Westnedge Avenue	City of Portage	n - Minor (Less than 1	No	\$3,600,000	Widening South Westnedge Avenue from 5 lanes to 6 lane boulevard from Kilgore Road to Trade Centre Way. This project will include replacing and extending sidewalks to accommodate widening of road.	exempt	
2036-2040	City of Portage	Oakland Drive to South Westnedge Avenue	1.26	Schuring Road	City of Portage	Widen - Major	Yes	\$1,128,800	Widen Schuring Road from 2 lanes to 3 lanes to accommodate for dedicated left turn lane and bike lanes on both sides of the road from Oakland Drive to South Westnedge Avenue.	exempt	
2021	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$260,000	Fixed Facility	exempt	
2022	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$425,000	Fixed Facility	exempt	
2023	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$425,000	Fixed Facility	exempt	
2024	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$250,000	Fixed Facility	exempt	

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Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2025	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$250,000	Fixed Facility	exempt	
2026-2030	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$2,000,000	Fixed Facility	exempt	
2031-2035	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$2,200,000	Fixed Facility	exempt	
2036-2040	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$2,420,000	Fixed Facility	exempt	
2041-2045	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$2,662,000	Fixed Facility	exempt	
2046-2050	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$2,928,200	Fixed Facility	exempt	
2021	Metro			Facility Renovation	Kalamazoo County	Public Transportation	No	\$148,750	Fixed Facility	exempt	
2021	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$165,000	Other-Bus Parts	exempt	
2024	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$200,000	Other-Bus Parts	exempt	
2025	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$200,000	Other-Bus Parts	exempt	
2026-2030	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,000,000	Other-Bus Parts	exempt	
2031-2035	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,050,000	Other-Bus Parts	exempt	
2036-2040	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,102,500	Other-Bus Parts	exempt	
2041-2045	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,157,625	Other-Bus Parts	exempt	
2046-2050	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,215,506	Other-Bus Parts	exempt	
2021	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$40,000	Vehicle Replacement	exempt	
2031-2035	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$50,000	Vehicle Replacement	exempt	
2041-2045	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$50,000	Vehicle Replacement	exempt	
2021	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$200,000	Fixed Facility	exempt	
2021	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$215,000	Fixed Facility	exempt	
2024	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$215,000	Fixed Facility	exempt	
2025	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$215,000	Fixed Facility	exempt	
2026-2030	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,075,000	Fixed Facility	exempt	
2031-2035	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,075,000	Fixed Facility	exempt	
2036-2040	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,075,000	Fixed Facility	exempt	
2041-2045	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,075,000	Fixed Facility	exempt	
2046-2050	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$1,075,000	Fixed Facility	exempt	
2021	Metro			Equipment	Kalamazoo County	Public Transportation	No	\$312,500	Other-Bus Parts	exempt	
2021	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$825,000	Fixed Route Vehicle Replacement	exempt	
2022	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$825,000	Fixed Route Vehicle Replacement	exempt	
2023	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$825,000	Fixed Route Vehicle Replacement	exempt	
2024	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$841,500	Fixed Route Vehicle Replacement	exempt	
2025	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$858,330	Fixed Route Vehicle Replacement	exempt	
2026-2030	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,200,000	Fixed Route Vehicle Replacement	exempt	
2031-2035	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,384,000	Fixed Route Vehicle Replacement	exempt	
2036-2040	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,571,680	Fixed Route Vehicle Replacement	exempt	
2041-2045	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,763,114	Fixed Route Vehicle Replacement	exempt	
2046-2050	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,958,376	Fixed Route Vehicle Replacement	exempt	
2021	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$798,150	Fixed Route Vehicle Replacement	exempt	
2021	Metro			Planning Study	Kalamazoo County	Public Transportation	No	\$200,000	Other - Operations Analysis	exempt	
2021	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$126,929	Connect & Share Vehicle Replacement	exempt	
2022	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$131,250	Connect & Share Vehicle Replacement	exempt	
2023	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$181,250	Connect & Share Vehicle Replacement	exempt	
2024	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$300,000	Connect & Share Vehicle Replacement	exempt	
2025	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$315,000	Connect & Share Vehicle Replacement	exempt	
2026-2030	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$2,500,000	Connect & Share Vehicle Replacement	exempt	
2031-2035	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$2,750,000	Connect & Share Vehicle Replacement	exempt	
2036-2040	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$3,025,000	Connect & Share Vehicle Replacement	exempt	
2041-2045	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$3,327,500	Connect & Share Vehicle Replacement	exempt	
2046-2050	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$3,660,250	Connect & Share Vehicle Replacement	exempt	
2021	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$62,125	Connect & Share Vehicle Replacement	exempt	
2022	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$108,750	Connect & Share Vehicle Replacement	exempt	
2024	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$300,000	Connect & Share Vehicle Replacement	exempt	
2025	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$315,000	Connect & Share Vehicle Replacement	exempt	
2026-2030	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$2,500,000	Connect & Share Vehicle Replacement	exempt	
2031-2035	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	2,750,00	Connect & Share Vehicle Replacement	exempt	
2036-2040	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$3,025,000	Connect & Share Vehicle Replacement	exempt	
2041-2045	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$3,327,500	Connect & Share Vehicle Replacement	exempt	
2046-2050	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$3,660,250	Connect & Share Vehicle Replacement	exempt	
2022	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$151,640	Maintenance Improvements	exempt	
2023	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$154,700	Maintenance Improvements	exempt	
2024	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$157,794	Maintenance Improvements	exempt	
2025	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$160,950	Maintenance Improvements	exempt	

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2026-2030	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,200,000	Maintenance Improvements	exempt	
2031-2035	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,384,000	Maintenance Improvements	exempt	
2036-2040	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,571,680	Maintenance Improvements	exempt	
2041-2045	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,763,114	Maintenance Improvements	exempt	
2046-2050	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,958,376	Maintenance Improvements	exempt	
2021	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$288,750	Fixed Route Vehicle Replacement	exempt	
2022	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$294,360	Fixed Route Vehicle Replacement	exempt	
2023	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$300,300	Fixed Route Vehicle Replacement	exempt	
2024	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$306,306	Fixed Route Vehicle Replacement	exempt	
2025	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$312,432	Fixed Route Vehicle Replacement	exempt	
2026-2030	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,200,000	Fixed Route Vehicle Replacement	exempt	
2031-2035	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,384,000	Fixed Route Vehicle Replacement	exempt	
2036-2040	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,571,680	Fixed Route Vehicle Replacement	exempt	
2041-2045	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,763,114	Fixed Route Vehicle Replacement	exempt	
2046-2050	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$9,958,376	Fixed Route Vehicle Replacement	exempt	
2021	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$55,299	CMAQ Van Replacement	exempt	
2022	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$60,299	CMAQ Van Replacement	exempt	
2024	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$200,000	CMAQ Van Replacement	exempt	
2025	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$200,000	CMAQ Van Replacement	exempt	
2026-2030	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$200,000	CMAQ Van Replacement	exempt	
2031-2035	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$200,000	CMAQ Van Replacement	exempt	
2036-2040	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$200,000	CMAQ Van Replacement	exempt	
2041-2045	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$200,000	CMAQ Van Replacement	exempt	
2046-2050	Metro			Vehicle Replacement	Kalamazoo County	Public Transportation	No	\$200,000	CMAQ Van Replacement	exempt	
2022	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$50,000	Service Support	exempt	
2023	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$55,000	Service Support	exempt	
2024	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$56,100	Service Support	exempt	
2025	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$57,222	Service Support	exempt	
2026-2030	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$286,110	Service Support	exempt	
2031-2035	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$291,832	Service Support	exempt	
2036-2040	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$297,669	Service Support	exempt	
2041-2045	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$303,622	Service Support	exempt	
2046-2050	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$309,695	Service Support	exempt	
2022	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$200,000	Van Vehicle Replacement	exempt	
2023	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$200,000	Van Vehicle Replacement	exempt	
2024	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$204,000	Van Vehicle Replacement	exempt	
2025	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$208,080	Van Vehicle Replacement	exempt	
2026-2030	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$1,040,400	Van Vehicle Replacement	exempt	
2031-2035	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$1,061,208	Van Vehicle Replacement	exempt	
2036-2040	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$1,082,432	Van Vehicle Replacement	exempt	
2041-2045	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$1,104,081	Van Vehicle Replacement	exempt	
2046-2050	Metro			Mobility Management	Kalamazoo County	Public Transportation	No	\$1,126,162	Van Vehicle Replacement	exempt	
2021	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$37,222	Rural Demand Response - Service Support	exempt	
2022	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$38,000	Rural Demand Response - Service Support	exempt	
2023	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$38,000	Rural Demand Response - Service Support	exempt	
2024	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$38,760	Rural Demand Response - Service Support	exempt	
2025	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$39,535	Rural Demand Response - Service Support	exempt	
2026-2030	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$197,676	Rural Demand Response - Service Support	exempt	
2031-2035	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$201,630	Rural Demand Response - Service Support	exempt	
2036-2040	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$205,662	Rural Demand Response - Service Support	exempt	

Project List for KATS MTP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2041-2045	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$209,775	Rural Demand Response - Service Support	exempt	
2046-2050	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$213,971	Rural Demand Response - Service Support	exempt	
2021	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$14,650,000	Operating - Service Support	exempt	
2022	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$14,900,000	Operating - Service Support	exempt	
2023	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$14,900,000	Operating - Service Support	exempt	
2024	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$15,198,000	Operating - Service Support	exempt	
2025	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$15,501,960	Operating - Service Support	exempt	
2026-2030	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$77,509,800	Operating - Service Support	exempt	
2031-2035	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$85,260,780	Operating - Service Support	exempt	
2036-2040	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$93,786,858	Operating - Service Support	exempt	
2041-2045	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$103,165,544	Operating - Service Support	exempt	
2046-2050	Metro			Operating Assistance	Kalamazoo County	Public Transportation	No	\$113,482,098	Operating - Service Support	exempt	
2024	Metro			Bus Shelters	Kalamazoo County	Public Transportation	No	\$50,000	Fixed Facility	exempt	
2026-2030	Metro			Bus Shelters	Kalamazoo County	Public Transportation	No	\$150,000	Fixed Facility	exempt	
2031-2035	Metro			Bus Shelters	Kalamazoo County	Public Transportation	No	\$175,000	Fixed Facility	exempt	
2036-2040	Metro			Bus Shelters	Kalamazoo County	Public Transportation	No	\$500,000	Fixed Facility	exempt	
2041-2045	Metro			Bus Shelters	Kalamazoo County	Public Transportation	No	\$200,000	Fixed Facility	exempt	
2046-2050	Metro			Bus Shelters	Kalamazoo County	Public Transportation	No	\$250,000	Fixed Facility	exempt	
2024	Metro			ITS	Kalamazoo County	Public Transportation	No	\$400,000	Other-ITS	exempt	
2025	Metro			ITS	Kalamazoo County	Public Transportation	No	\$250,000	Other-ITS	exempt	
2026-2030	Metro			ITS	Kalamazoo County	Public Transportation	No	\$1,250,000	Other-ITS	exempt	
2031-2035	Metro			ITS	Kalamazoo County	Public Transportation	No	\$3,500,000	Other-ITS	exempt	
2036-2040	Metro			ITS	Kalamazoo County	Public Transportation	No	\$1,500,000	Other-ITS	exempt	
2041-2045	Metro			ITS	Kalamazoo County	Public Transportation	No	\$1,800,000	Other-ITS	exempt	
2046-2050	Metro			ITS	Kalamazoo County	Public Transportation	No	\$2,160,000	Other-ITS	exempt	
2024	Metro			Security	Kalamazoo County	Public Transportation	No	\$150,000	Other - Security Updates	exempt	
2025	Metro			Security	Kalamazoo County	Public Transportation	No	\$100,000	Other - Security Updates	exempt	
2026-2030	Metro			Security	Kalamazoo County	Public Transportation	No	\$250,000	Other - Security Updates	exempt	
2031-2035	Metro			Security	Kalamazoo County	Public Transportation	No	\$262,500	Other - Security Updates	exempt	
2036-2040	Metro			Security	Kalamazoo County	Public Transportation	No	\$275,625	Other - Security Updates	exempt	
2041-2045	Metro			Security	Kalamazoo County	Public Transportation	No	\$289,406	Other - Security Updates	exempt	
2046-2050	Metro			Security	Kalamazoo County	Public Transportation	No	\$303,877	Other - Security Updates	exempt	
2024	Metro			Community Ridesharing	Kalamazoo County	Public Transportation	No	\$50,000	Ride to Work - Service Support	exempt	
2025	Metro			Community Ridesharing	Kalamazoo County	Public Transportation	No	\$50,000	Ride to Work - Service Support	exempt	
2026-2030	Metro			Community Ridesharing	Kalamazoo County	Public Transportation	No	\$257,040	Ride to Work - Service Support	exempt	
2031-2035	Metro			Community Ridesharing	Kalamazoo County	Public Transportation	No	\$257,040	Ride to Work - Service Support	exempt	
2036-2040	Metro			Community Ridesharing	Kalamazoo County	Public Transportation	No	\$257,040	Ride to Work - Service Support	exempt	
2041-2045	Metro			Community Ridesharing	Kalamazoo County	Public Transportation	No	\$257,040	Ride to Work - Service Support	exempt	
2046-2050	Metro			Community Ridesharing	Kalamazoo County	Public Transportation	No	\$257,040	Ride to Work - Service Support	exempt	
2024	Metro			Illustrative - Equipment	Kalamazoo County	Public Transportation	No	\$2,500,000	Service Support	exempt	
2025	Metro			Illustrative - Equipment	Kalamazoo County	Public Transportation	No	\$2,500,000	Service Support	exempt	
2046-2050	Metro			Illustrative - Equipment	Kalamazoo County	Public Transportation	No	\$4,000,000	Service Support	exempt	
2026-2030	Metro			Illustrative - Facilities	Kalamazoo County	Public Transportation	No	\$3,000,000	Secondary Transportation Hubs - Service Support	exempt	
2031-2035	Metro			Illustrative - Facilities	Kalamazoo County	Public Transportation	No	\$1,500,000	Secondary Transportation Hubs - Service Support	exempt	
2036-2040	Metro			Illustrative - Facility Renovation	Kalamazoo County	Public Transportation	No	\$8,000,000	Fixed Facility - Rehab and Expansion	exempt	
2041-2045	Metro			Illustrative - Service Expansion	Kalamazoo County	Public Transportation	No	\$20,000,000	Fixed Facility - BRT Planning/Construction	exempt	
2046-2050	Metro			Illustrative - Operating Assistance	Kalamazoo County	Public Transportation	No	\$10,000,000	BRT Operating - Service Support	exempt	
2026-2030	Metro			Illustrative - Vehicle Expansion	Kalamazoo County	Public Transportation	No	\$2,250,000	Fixed Route Vehicle Expansion	exempt	
2031-2035	Metro			Illustrative - Vehicle Expansion	Kalamazoo County	Public Transportation	No	\$2,475,000	Fixed Route Vehicle Expansion	exempt	
2036-2040	Metro			Illustrative - Vehicle Expansion	Kalamazoo County	Public Transportation	No	\$2,722,500	Fixed Route Vehicle Expansion	exempt	
2041-2045	Metro			Illustrative - Vehicle Expansion	Kalamazoo County	Public Transportation	No	\$2,994,750	Fixed Route Vehicle Expansion	exempt	
2046-2050	Metro			Illustrative - Vehicle Expansion	Kalamazoo County	Public Transportation	No	\$3,294,725	Fixed Route Vehicle Expansion	exempt	

Battle Creek Area Transportation Study (BCATS)

2045 Metropolitan Transportation Plan

Recommended Improvements

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YEAR	BCATS 2045 MTP ID#	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2022	1	Battle Creek	Clark Rd	River Rd southward to M-96 (Dickman Rd W)	0.84	Road Capital Preventive Maintenance	\$ 436,000	215056	CON
2022	2	Battle Creek	Washington Ave	from Goodale Ave southward to Michigan Ave (M-89)	1.15	Mill & Resurface	\$ 590,552	207347	CON
2022	3	Calhoun County	Areawide Tree Removal	along H Dr S from 6 Mile Rd eastward to 7.5 Mile Rd; along 7 Mile Rd from K Dr S southward 0.5 mi to to Newton/Burlington twps boundary; along 12 Mile Rd from B Dr S southward to I Dr S.	5.39	Tree removal	\$ 439,776	211856	CON
2022	4	Calhoun County	Beadle Lake Rd	from B Dr N northward to exit/entrance ramps south of I-94	1.42	Resurfacing	\$ 290,422	213043	CON
2022	5	Calhoun County	F Dr N	from Wattles Rd eastward ~0.81 mi to Flex-n-Gate driveway	0.81	Crush & shape and asphalt resurfacing	\$ 359,875	207408	CON
2022	6	Calhoun County	K Dr S, Phase II	from 6 Mile Road eastward to 7.5 Mile Road	1.54	Crush & shape and asphalt resurfacing	\$ 789,048	207425	CON
2022	7	Calhoun County	Main St, full resurfacing, Emmett Twp	from M-96 (Columbia Ave) to City limits (~180' south of Kingman)	0.30	HMA mill & resurface (3") with ADA ramp upgrades	\$ 167,792	207496	CON
2022	8	Calhoun County	Raymond Road N bridge	Raymond Road North over Michigan Department of Transportation Railroad	0.00	Bridge Rehabilitation	\$ 1,129,000	209858	CON
2022	9	Calhoun County	Signal Upgrade - 6.5 Mi Rd @ Harper Village Dr	Signalized intersection of 6.5 Mi Rd and Harper Village Dr	0.00	Upgrade/modernize existing signals, including video detection system	\$ 285,000	207465	CON
2022	10	Calhoun County	U Dr N	U Drive N at 1 Mile Road, Calhoun County	0.25	Install overhead flashing beacons	\$ 27,372	211886	CON
2022	11	MDOT	I-194/M-66 bridges	over I-94	0.00	Full Paint, Substr Horizontal Surf Coating, Elas Bearing Repl, Joint Reseal	\$ 1,754,437	204349	CON
2022	12	MDOT	I-194/M-66 Corridor PEL Study	Glenn Cross Road to Capital Avenue	6.79	Planning Environmental Linkage (PEL) study to consider alternative configurations of existing freeway in advance of reconstruction expected necessary before 2030.	\$ 650,000	200566	EPE
2022	13	MDOT	I-94	from I-94BL/M-96 (Michigan Ave) overpass eastward ~1.1 mi to Emmett/Marshall townships line (BCATS area eastern boundary). Part of larger project extending eastward to 17.5 Mile Rd (excluding thru I-69 interchange).	1.10	Milling and one course asphalt overlay	\$ 867,219	210837	CON
2022	14	MDOT	I-94 bridges	over Riverside Drive	0.00	Thin Epoxy Ovly, Sleeper Slab Repl, Approach Repl, Expansion Joint Repl	\$ 906,000	204348	CON
2022	15	MDOT	I-94 E	I-94 Existing Dynamic Message Signs (DMS)	0.00	Install seventeen (17) CCTV cameras on existing DMS.	\$ 12,393	207433	PE
2022	16	MDOT	I-94 Rebuilding Michigan (RBMP) project	from west of Helmer Rd eastward to east of F Dr N (including bridges & interchanges at Capital Ave and M-294 (Beadle Lake Rd), and bridges at Kalamazoo River, 6.5 Mi Rd, 9 Mi Rd, and F Dr N)	8.13	Milling and two course asphalt resurfacing, bridge replacement, temporary widening, bridge railing repair and interchange reconstruction.	\$ 50,000	210073	ROW
2022	17	MDOT	I-94 Rebuilding Michigan (RBMP) project	from west of Helmer Rd eastward to east of F Dr N (including bridges & interchanges at Capital Ave and M-294 (Beadle Lake Rd), and bridges at Kalamazoo River, 6.5 Mi Rd, 9 Mi Rd, and F Dr N)	8.13	Milling and two course asphalt resurfacing (to 6.5 Mi Rd), bridge replacement, temporary widening, bridge railing repair and interchange reconstruction.	\$ 114,660,892	210073	CON
2022	18	MDOT	I-94 Road & Bridge Scoping	I-94 from Kalamazoo County line east to 3000' west of Helmer Road. And M-37 (Columbia Ave) over the GTW RR	6.43	Road and Bridge Scoping FY2022	\$ 360,000	214331	EPE
2022	19	MDOT	I-94BL (Michigan Ave E)	I-94BL as Main St from Dickman Rd E northwestward to Hamblin Ave, then briefly northeastward on Hamblin Ave to Michigan Ave E, the eastward on Michigan Ave to 9 1/2 Mile Rd (Wattles Rd) in Emmett Twp, Calhoun County	3.92	Milling and two course asphalt overlay with sidewalk improvements	\$ 797,500	214871	PE
2022	20	MDOT	I-94BL (Michigan Ave) bridge	over I-94	0.00	Barrier Repl, Deck Patching, H/S, Latex Bm Repr, Substr Patching, CSC	\$ 930,000	201957	CON
2022	21	MDOT	M-311 (11 Mile Rd) bridge	M-311 over I-94	0.00	Shallow overlay with barrier replacement.	\$ 959,814	212581	CON
2022	22	MDOT	M-37 (Bedford Rd N), M-66 (Capital Ave NE), & M-78	entireties of M-37 in Bedford Twp and M-66 & M-78 in Pennfield Twp	8.94	Single course chip seal with fog seal	\$ 30,000	213288	PE
2022	23	MDOT	M-37 (Helmer Rd/Bedford Rd)	Dickman Road (M-96) to Creekview Drive in Calhoun County	2.87	Milling and two course asphalt resurfacing	\$ 6,820,000	210067	CON
2022	24	MDOT	M-66	L Drive South to D Drive South in Leroy Township, Calhoun County	4.02	Milling and one course asphalt overlay	\$ 1,215,000	208374	CON
2022	25	MDOT	M-96 (Dickman Rd)	from county line just west of Armstrong Rd eastward to M-37 (Helmer Rd) west junction	4.45	Milling and one course asphalt overlay with sidewalk ramp improvements. Additional depth repairs at designated locations.	\$ 45,000	213296	PE
2022	26	MDOT	Regionwide bridge inspections	1199-M-66 over Battle Creek River, 1200-I-194 over Kalamazoo River, 1413-M-37 (Bedford Rd) over Kalamazoo River	0.00	Underwater Inspection of Bridges	\$ 32,813	204289	OPS
2022	27	MDOT	Regionwide intersection traffic detection for signal actuation	M-37 (Bedford) at Jackson Street M-89 (Washington Ave) at Hamblin Ave	0.00	Installation of detection for actuation	\$ 86,000	200693	CON
2022	28	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	1.31	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 900	207328	PE
2022	29	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	1.31	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 200,700	207328	CON
2022	30	MDOT	Regionwide special pavement markings	All of BCATS MPO	2.83	Special pavement marking application on trunklines in Southwest Region	\$ 900	207329	PE
2022	31	MDOT	Regionwide special pavement markings	All of BCATS MPO	2.83	Special pavement marking application on trunklines in Southwest Region	\$ 41,400	207329	CON
2022	32	MDOT	Southwest Regionwide Pvmr Mrkg Retro Readings	All of BCATS MPO	1.65	Pavement mrkg retroreflectivity readings on trunklines in Southwest Region	\$ 990	207341	CON
2022	33	MDOT	Trunkline Non-Freeway Signing	Various trunkline non-freeway routes in the BCATS MPO area	137.12	Non-freeway signing replacement/upgrade.	\$ 168,500	202655	PE

YEAR	BCATS 2045 MTP ID#	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2022	34	MDOT	Trunkline Signal Modernization	4 intersections: M-89 (Michigan) @ Stringham Rd; M-89 (Michigan) @ VanBuren; I-94BL (Michigan) @ Charlton (fire station); M-89 (Michigan) @ Kimber (fire station).	0.00	Traffic Signal Modernization; connected vehicle installations	\$ 774,092	206134	CON
2022	35	Battle Creek Transit	Transit Capital - Battle Creek Transit, Sec5339. Farebox System Replacement	Areawide - Battle Creek Transit	0.00	Farebox upgrade (qty up to 25)	\$ 178,406	208237	Non-Infrastructure (NI)
2022	36	Battle Creek Transit	Transit Capital (Mobility Management) - Battle Creek Transit (BCT), Sec5310	Areawide/Battle Creek/Calhoun County	0.00	Continuation of Mobility Management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers	\$ 82,500	212168	Non-Infrastructure (NI)
2022	37	Battle Creek Transit	Transit Operating - Battle Creek Transit (BCT), Sec5310 New Freedom	BC Transit service areawide/City of Battle Creek	0.00	New Freedom operating assistance, demand response service expansion beyond existing route hours & boundaries. JNs 212946 & 212169 for FY22.	\$ 459,990		Non-Infrastructure (NI)
2022	38	Battle Creek Transit	Transit Operating - Battle Crk Transit, Fed+State+Local	Areawide - Battle Creek Transit	0.00	Operating Assistance - FTA Sec5307, State CTF, and Local	\$ 4,223,990		Non-Infrastructure (NI)
2022	39	Battle Creek Transit & Local Human Services Agencies	Transit Operating - Specialized Services FY22	Areawide/Battle Creek/Calhoun County. For local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center, and BCT.	0.00	State operating assistance for services for elderly & individuals w/disabilities under FY22 SpecSrvc Prog	\$ 108,434		Non-Infrastructure (NI)
2023	40	Battle Creek	Capital Ave SW+NE, four segments	Dickman--Fairfield, Weeks--Rebecca, Dickman--Michigan, Michigan--Cherry	3.74	HMA mill & resurface with ADA ramp upgrades	\$ 1,152,000	207416	CON
2023	41	Battle Creek	Helmer Rd S at Potters Dr	Helmer Road S at Potters Dr, city of Battle Creek	0.07	Installation of overhead flashing beacon	\$ 30,000	214633	CON
2023	42	Battle Creek	North Ave (6 Mile Rd)	E Roosevelt Ave northward to Morgan Rd	1.11	Mill & Resurface, ADA ramps as necessary. Joint City BC & CCRD project, CCRD section north of Coolidge.	\$ 413,573	215397	CON
2023	43	Battle Creek	Roundabout - Skyline Dr and Hill Brady Rd	at intersection of Skyline Dr and Hill Brady Rd, also with Logistics Dr to southeast and planned new entrance to Air National Guard base to the northeast		In connection with the ANG base entrance upgrades, the existing signalized "T" intersection will be changed to a two lane 4-leg roundabout, increasing level of service & safety, and reducing delay & emissions.	\$ 2,000,000		CON
2023	44	Battle Creek	Union Street S bridge	Union Street S, Str #1408 over the Battle Creek River, City of Battle Creek	0.00	Bridge Rehabilitation	\$ 2,483,000	212288	CON
2023	45	Calhoun County	1 Mile Rd (Uldriks)	1 Mile Road from M-89 to U Drive N, Calhoun County	2.43	Tree removal and clearing	\$ 173,000	214629	CON
2023	46	Calhoun County	Morgan Rd (O Dr N)	from North Ave (6 Mile Rd) eastward to M-66 (Capital Ave NE)	1.50	Mill & Resurface	\$ 405,964	207393	CON
2023	47	Calhoun County	Morgan Rd (O Dr N)	O Drive N from 6 Mile Road to M-66, Calhoun County	1.50	Installation of recessed wet reflective centerline & edgeline pavement markings	\$ 52,669	214631	CON
2023	48	Calhoun County	Signal Upgrade - Morgan Rd @ North Ave	Signalized intersection of Morgan Rd and North Ave	0.00	Upgrade/modernize existing signals, including video detection system	\$ 285,000	207469	CON
2023	49	MDOT	I-94, Calhoun County	I-94 Existing Dynamic Message Signs (DMS)	0.00	Install seventeen (17) CCTV cameras on existing DMS.	\$ 60,264	207433	CON
2023	50	MDOT	M-37 (Bedford Rd N), M-66 (Capital Ave NE), & M-78	entireties of M-37 in Bedford Twp and M-66 & M-78 in Pennfield Twp	8.94	Single course chip seal with fog seal	\$ 830,000	213288	CON
2023	51	MDOT	M-66 northbound	from Beckley Rd to I-94	0.28	Construct auxiliary lane on M-66 NB between Beckley Rd. and I-94.	\$ 115,000	210822	PE
2023	52	MDOT	M-89 (Washington Ave) bridge	over GTW RR & Kalamazoo River	0.00	Epoxy Overlay, Dk Patch, Full depth patch, substructure Repr, Jts, Appr	\$ 995,000	203293	CON
2023	53	MDOT	M-96 (Columbia Ave) bridges	over I-194	0.23	Full Depth Deck Patching, Concrete Deep Overlay, Full Paint, Beam Repairs	\$ 2,657,000	208435	CON
2023	54	MDOT	M-96/M-37/I-94BL (Helmer Rd)	Helmer Rd between Territorial and Dickman	0.96	Convert 4 lanes to 5 lane section.	\$ 395,125	210823	PE
2023	55	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	0.98	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 900	207365	PE
2023	56	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	0.98	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 200,700	207365	CON
2023	57	MDOT	Regionwide special pavement markings	All of BCATS MPO	1.19	Special pavement marking application on trunklines in Southwest Region	\$ 900	207367	PE
2023	58	MDOT	Regionwide special pavement markings	All of BCATS MPO	1.19	Special pavement marking application on trunklines in Southwest Region	\$ 50,400	207367	CON
2023	59	MDOT	Southwest Regionwide Pvmr Mrkg Retro Readings	All of BCATS MPO	1.72	Pvmr marking retroreflectivity readings on trunklines in Southwest Region	\$ 990	207378	CON
2023	60	MDOT	TSC-wide Signal Modernizations	6 locations: I-94BL, M-96 (Dickman) at M-37 W Jct (Helmer); I-94BL, M-96 (Dickman) at M-37 E Jct (Helmer); M-96 (Columbia) at 28th; M-89 (Michigan) at 20th; M-89 (Washington) at M-89 (Michigan); I-94BL (Michigan) at M-96 (Columbia).	0.00	Modernize signalized intersections	\$ 340,217	214181	PE
2023	61	Battle Creek Transit	Transit Capital - Battle Creek Transit, Sec5339. Farebox System Replacement	Areawide - Battle Creek Transit	0.00	Farebox upgrade (qty up to 25) (combined with FY 2022)	\$ 178,406	208238	Non-Infrastructure (NI)
2023	62	Battle Creek Transit	Transit Capital (Mobility Management) - Battle Creek Transit (BCT), Sec5310	Areawide/Battle Creek/Calhoun County	0.00	Continuation of Mobility Management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers	\$ 85,000		Non-Infrastructure (NI)
2023	63	Battle Creek Transit	Transit Operating - Battle Creek Transit (BCT), Sec5310 New Freedom	BC Transit service areawide/City of Battle Creek		New Freedom operating assistance, demand response service expansion beyond existing route hours & boundaries.	\$ 459,990		Non-Infrastructure (NI)
2023	64	Battle Creek Transit	Transit Operating - Battle Crk Transit, Fed+State+Local	Areawide - Battle Creek Transit	0.00	Operating Assistance - FTA Sec5307, State CTF, and Local	\$ 4,280,170		Non-Infrastructure (NI)
2023	65	Battle Creek Transit & Local Human Services Agencies	Transit Operating - Specialized Services FY23	Areawide/Battle Creek/Calhoun County. For local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center, and BCT.	0.00	State operating assistance for services for elderly & individuals w/disabilities under FY23 SpecSrvc Prog	\$ 108,434		Non-Infrastructure (NI)
2023	66	Community Action	Transit Capital - Community Action (CA), Sec5310	Computer equipment at CA central office to support areawide transit service for elderly & individuals w/disabilities	0.00	Purchase 3 computers and 9 monitors	\$ 6,000	215195	Non-Infrastructure (NI)
2023	67	Community Inclusive Recreation	Transit Capital - Community Inclusive Recreation (CIR), Sec5310	Areawide/Calhoun County	0.00	Purchase 1 (one) replacement bus	\$ 79,000	210666	Non-Infrastructure (NI)

YEAR	BCATS 2045 MTP ID#	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2024	68	Battle Creek	City BC CPM (Helmer, Kendall, 20th, Hamblin, Territorial)	Helmer Rd from Gethings Rd to Columbia Ave (M-96); Kendall St from Dickman Rd (M-96) to Michigan Ave (M-89); 20th St from Columbia Ave (M-96) to Goguac St; Hamblin Ave from Washington Ave (M-89) to Division St (I-194/M-66); Territorial Rd from Helmer Rd (M-37) to Riverside Dr.	5.67	Single chipseal w/ fog seal	\$ 400,000		CON
2024	69	Battle Creek	City BC Rehab (Michigan, Porter, Sonoma)	Michigan Ave from Washington Ave to State St; Porter St from Michigan Ave to Raymond Rd; Sonoma Rd from Minges Rd to Beckley Rd.	2.17	HMA mill and resurface with ADA ramp upgrades and associated items	\$ 450,000		CON
2024	70	Battle Creek	CMAQ Signal Modernization - GOLDEN @ RIVERSIDE	intersection of Golden Ave and Riverside Dr		Remove and replace signal with modernized box span configuration	\$ 280,700		CON
2024	71	Battle Creek	Watkins Rd bridge	Watkins Rd bridge over Minges Brook		Bridge Rehabilitation	\$ 660,000		CON
2024	72	Calhoun County	Wattles Rd N	Michigan Ave to Verona	1.51	Mill (1.5") & resurface (3") existing travel lanes, bike lanes, and non-motorized paths. New signage & pavement markings.	\$ 830,515		CON
2024	73	Springfield	Avenue A	from Helmer Rd eastward to 20th St	1.00	2-inch Mill & Fill overlay resurfacing, possibly in conjunction with water main improvements.	\$ 326,206		CON
2024	74	MDOT	I-194 bridges	over Kalamazoo River, Calhoun County	0.00	Bridge Replacement, Approaches	\$ 17,620,000	210024	CON
2024	75	MDOT	I-94 Battle Creek Rest Area - Building Reconstruction	Battle Creek Rest Area on south side of eastbound I-94 between Helmer Rd exit 95 and Capital Ave exit 97	0.00	Reconstruct the Battle Creek Rest Area Building. \$520,000 PE phase obligated 06/03/2021.	\$ 4,500,000	212098	CON
2024	76	MDOT	M-66	M-66 from Glenn Cross Rd south to Athens Twp Border	13.72	Fixed Object Removal	\$ 73,226	211892	PE
2024	77	MDOT	M-66 northbound	from Beckley Rd to I-94	0.28	Construct auxiliary lane on M-66 NB between Beckley Rd. and I-94.	\$ 670,000	210822	CON
2024	78	MDOT	M-89 (Washington Ave) bridge	over Battle Creek River, Battle Creek, Calhoun County	0.00	Superstructure Replacement	\$ 727,381	213719	PES
2024	79	MDOT	M-89 (Washington Ave) bridge	over Battle Creek River, Battle Creek, Calhoun County	0.00	Superstructure Replacement	\$ 74,419	213719	PE
2024	80	MDOT	M-96 (Dickman Rd)	from county line just west of Armstrong Rd eastward to M-37 (Helmer Rd) west junction	4.45	Milling and one course asphalt overlay with sidewalk ramp improvements. Additional depth repairs at designated locations.	\$ 2,709,000	213296	CON
2024	81	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	2.88	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 900	207391	PE
2024	82	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	2.88	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 200,700	207391	CON
2024	83	MDOT	Regionwide special pavement markings	All of BCATS MPO	3.82	Special pavement marking application on trunklines in Southwest Region	\$ 900	207392	PE
2024	84	MDOT	Regionwide special pavement markings	All of BCATS MPO	3.82	Special pavement marking application on trunklines in Southwest Region	\$ 41,400	207392	CON
2024	85	MDOT	Southwest Regionwide Pvmr Mrkg Retro Readings	All of BCATS MPO	1.69	Pavement mrkg retroreflectivity readings on trunklines in Southwest Region	\$ 990	207403	CON
2024	86	Battle Creek Transit	Transit Capital - Battle Creek Transit, Sec5339. Three mini-vans.	Areawide - Battle Creek Transit		Three 6-passenger mini-vans, accessible with ramp	\$ 178,406		Non-Infrastructure (NI)
2024	87	Battle Creek Transit	Transit Capital (Mobility Management) - Battle Creek Transit (BCT), Sec5310	Areawide/Battle Creek/Calhoun County	0.00	Continuation of Mobility Management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers	\$ 87,550		Non-Infrastructure (NI)
2024	88	Battle Creek Transit	Transit Operating - Battle Creek Transit (BCT), Sec5310 New Freedom	BC Transit service areawide/City of Battle Creek	0.00	New Freedom operating assistance, demand response service expansion beyond existing route hours & boundaries.	\$ 459,990		Non-Infrastructure (NI)
2024	89	Battle Creek Transit	Transit Operating - Battle Crk Transit, Fed+State+Local	Areawide - Battle Creek Transit	0.00	Operating Assistance - FTA Sec5307, State CTF, and Local	\$ 4,337,474		Non-Infrastructure (NI)
2024	90	Battle Creek Transit & Local Human Services Agencies	Transit Operating - Specialized Services FY24	Areawide/Battle Creek/Calhoun County. For local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center, and BCT.	0.00	State operating assistance for services for elderly & individuals w/disabilities under FY24 SpecSrvc Prog	\$ 108,434		Non-Infrastructure (NI)
2025	91	Battle Creek	City BC Rehab (Limit, Elm, Riverside, Cliff)	Limit St from Parkway Dr to Goodale Ave; Elm St from Cliff St to Capital Ave NE; Riverside Dr from Columbia Ave to Dickman Rd; Cliff St from Main St to Raymond Rd.		HMA mill and resurface with ADA ramp upgrades and associated items. CCRD section of Cliff St included in this City BC project.	\$ 823,152		CON
2025	92	Battle Creek	CMAQ Signal Modernization - MCCAMLY @ VANBUREN	intersection of McCamly St and VanBuren St		Removal and replacement of mast arm signal components	\$ 370,000		CON
2025	93	Calhoun County	Wattles Rd S	B Dr N to G Dr N	2.02	Pulverize existing roadway and resurface over the graded and compacted crushed asphalt. Roadway to be trenched and widened to provide a 6 foot shoulder (3 foot paved & 3 foot gravel). No non-motorized component to this project.	\$ 1,221,750		CON
2025	94	MDOT	I-194/M-66 NB & SB bridges	over Golden Avenue, City of Battle Creek, Calhoun County	0.00	Shallow Overlay	\$ 91,301	213631	PES
2025	95	MDOT	I-194/M-66 NB & SB bridges	over Golden Avenue, City of Battle Creek, Calhoun County	0.00	Shallow Overlay	\$ 43,219	213631	PE
2025	96	MDOT	I-94 Battle Creek Rest Area - Landscaping	Battle Creek Rest Area on south side of eastbound I-94 between Helmer Rd exit 92 and Capital Ave exit 95	0.00	Battle Creek Rest Area Landscaping after Rebuild	\$ 25,000	212773	PE
2025	97	MDOT	I-94 Battle Creek Rest Area - Landscaping	Battle Creek Rest Area on south side of eastbound I-94 between Helmer Rd exit 95 and Capital Ave exit 97	0.00	Battle Creek Rest Area Landscaping after Rebuild	\$ 65,000	212773	CON
2025	98	MDOT	I-94 Crash Investigation Sites	Design two crash investigation sites in Calhoun County.	4.07	Construct crash investigation sites on I-94	\$ 74,290	211804	PE
2025	99	MDOT	I-94BL (Michigan Ave E)	I-94BL as Main St from Dickman Rd E northwestward to Hamblin Ave, then briefly northeastward on Hamblin Ave to Michigan Ave E, the eastward on Michigan Ave to 9 1/2 Mile Rd (Wattles Rd) in Emmett Twp, Calhoun County	3.92	Milling and two course asphalt overlay with sidewalk improvements	\$ 25,000	214871	ROW
2025	100	MDOT	M-66	M-66 from Glenn Cross Rd south to Athens Twp Border	13.72	Fixed Object Removal	\$ 286,871	211892	CON
2025	101	MDOT	M-96/M-37/I-94BL (Helmer Rd)	Helmer Rd between Territorial and Dickman	0.96	Convert 4 lanes to 5 lane section.	\$ 2,446,596	210823	CON
2025	102	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	2.79	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 900	209623	PE

YEAR	BCATS 2045 MTP ID#	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2025	103	MDOT	Regionwide longitudinal pavement markings	All of BCATS MPO	2.79	Longitudinal pavement marking application on trunklines in Southwest Region	\$ 200,700	209623	CON
2025	104	MDOT	Regionwide special pavement markings	All of BCATS MPO	2.84	Special pavement marking application on trunklines in Southwest Region	\$ 900	209624	PE
2025	105	MDOT	Regionwide special pavement markings	All of BCATS MPO	2.84	Special pavement marking application on trunklines in Southwest Region	\$ 41,400	209624	CON
2025	106	MDOT	Southwest Regionwide Pvmr Mrkg Retro Readings	All of BCATS MPO	2.03	Pvmr mrkg retroreflectivity readings on trunklines in Southwest Region	\$ 990	209634	CON
2025	107	MDOT	Trunkline Non-Freeway Signing	Various trunkline non-freeway routes in the BCATS MPO area	137.12	Non-freeway signing replacement/upgrade,	\$ 1,046,500	202655	CON
2025	108	MDOT	TSC-wide Signal Modernizations	6 locations: I-94BL, M-96 (Dickman) at M-37 W Jct (Helmer); I-94BL, M-96 (Dickman) at M-37 E Jct (Helmer); M-96 (Columbia) at 28th; M-89 (Michigan) at 20th; M-89 (Washington) at M-89 (Michigan); I-94BL (Michigan) at M-96 (Columbia).	0.00	Modernize signalized intersections	\$ 7,500	214181	ROW
2025	109	Battle Creek Transit	Transit Capital - Battle Creek Transit, Sec5339. Equipment replacement.	Areawide - Battle Creek Transit		Replace 5 complete office suites, dispatch furniture, and related computer equipment, including computers, monitors, and computer accessories.	\$ 178,406		Non-Infrastructure (NI)
2025	110	Battle Creek Transit	Transit Capital (Mobility Management) - Battle Creek Transit (BCT), Sec5310	Areawide/Battle Creek/Calhoun County	0.00	Continuation of Mobility Management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers	\$ 90,176		Non-Infrastructure (NI)
2025	111	Battle Creek Transit	Transit Operating - Battle Creek Transit (BCT), Sec5310 New Freedom	BC Transit service areawide/City of Battle Creek	0.00	New Freedom operating assistance, demand response service expansion beyond existing route hours & boundaries.	\$ 459,990		Non-Infrastructure (NI)
2025	112	Battle Creek Transit	Transit Operating - Battle Crk Transit, Fed+State+Local	Areawide - Battle Creek Transit	0.00	Operating Assistance - FTA Sec5307, State CTF, and Local	\$ 4,395,924		Non-Infrastructure (NI)
2025	113	Battle Creek Transit & Local Human Services Agencies	Transit Operating - Specialized Services FY25	Areawide/Battle Creek/Calhoun County. For local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center, and BCT.	0.00	State operating assistance for services for elderly & individuals w/disabilities under FY25 SpecSrvc Prog	\$ 108,434		Non-Infrastructure (NI)
2026	114	Battle Creek	City BC CPM (Carver, Stone Jug, Beckley, North Ave, Goguac)	Carver from City limits to Stone Jug Rd; Stone Jug Rd from Carver to Beckley Rd; Beckley Rd from Stone Jug Rd to Helmer Rd; North Ave from Capital Ave to Roosevelt Ave; Goguac St from Helmer Rd to Capital Ave.	6.68	Single chipseal w/ fog seal	\$ 324,604		CON
2026	115	Battle Creek	City BC Rehab (Goodale, 24th, Gethings)	Goodale Ave from Michigan Ave to Roosevelt; 24th St from Columbia Ave to Windamere Blvd; Gethings Rd from Helmer to Windamere Blvd.	3.34	HMA mill and resurface with ADA ramp upgrades and associated items	\$ 650,000		CON
2026	116	Calhoun County	Banfield Rd	M-37 (Bedford Rd N) to Baseline Rd	0.96	Overlay existing roadway with 3 inches of HMA. Roadway to be trenched and widened to provide a 3 foot paved shoulder. No non-motorized component to this project. Signage & pavement markings to be updated.	\$ 416,922		CON
2026	117	Calhoun County	CMAQ Signal Modernization - 11 MILE RD @ VERONA	intersection of 11 Mile Rd and Verona Rd		Signal modernization, including new poles and signal heads installed on a box span, and vehicle detection system.	\$ 280,700		CON
2026	118	Calhoun County	Raymond Rd	Golden Ave to E River Rd	0.77	Pulverize existing roadway and resurface over the graded and compacted crushed asphalt. Roadway to be trenched and widened to provide a 6 foot shoulder (3 foot paved & 3 foot gravel). No non-motorized component to this project.	\$ 693,083		CON
2026	119	Calhoun County	Roundabout - B Dr S and 6 Mile Rd	Existing 2-way stop controlled intersection of B Dr S and 6 Mile Rd on Newton/Leroy twps boundary (6 Mile Rd)		Construct a mini-roundabout with a fully mountable center island, splitter islands at approaches, and traffic calming geometry to reduce entering speeds.	\$ 945,000		CON
2026	120	MDOT	I-94 Crash Investigation Sites	Along I-94, one site eastbound & one site westbound between Exit 100 and 9 Mi Rd bridge	4.07	Construct two crash investigation sites in Calhoun county	\$ 517,710	211804	CON
2026	121	MDOT	Regionwide longitudinal pavement markings	All trunkline routes in BCATS MPO	3.61	Application of longitudinal pavement markings on Southwest Region trunkline	\$ 900	213341	PE
2026	122	MDOT	Regionwide longitudinal pavement markings	All trunkline routes in BCATS MPO	3.61	Application of longitudinal pavement markings on Southwest Region trunkline	\$ 187,200	213341	CON
2026	123	MDOT	Regionwide special pavement markings	All trunkline routes in BCATS MPO	2.97	Application of special pavement markings on Southwest Region trunkline	\$ 900	213342	PE
2026	124	MDOT	Regionwide special pavement markings	All trunkline routes in BCATS MPO	2.97	Application of special pavement markings on Southwest Region trunkline	\$ 34,650	213342	CON
2026	125	MDOT	Southwest Regionwide Pvmr Mrkg Retro Readings	All of BCATS MPO	19.43	Pvmr mrkg retroreflectivity readings on trunklines in Southwest Region	\$ 990	213371	CON
2026	126	MDOT	TSC-wide Signal Modernizations	6 locations: I-94BL, M-96 (Dickman) at M-37 W Jct (Helmer); I-94BL, M-96 (Dickman) at M-37 E Jct (Helmer); M-96 (Columbia) at 28th; M-89 (Michigan) at 20th; M-89 (Washington) at M-89 (Michigan); I-94BL (Michigan) at M-96 (Columbia).	0.00	Modernize signalized intersections	\$ 2,248,509	214181	CON
2026	127	Battle Creek Transit	Transit Capital - Battle Creek Transit, Sec5339. Miscellaneous Shop Equipment.	Areawide - Battle Creek Transit		Miscellaneous shop equipment (vehicle hoist, diesel tools, etc.)	\$ 178,406		Non-Infrastructure (NI)
2026	128	Battle Creek Transit	Transit Capital (Mobility Management) - Battle Creek Transit (BCT), Sec5310	Areawide/Battle Creek/Calhoun County	0.00	Continuation of Mobility Management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers	\$ 92,883		Non-Infrastructure (NI)
2026	129	Battle Creek Transit	Transit Operating - Battle Creek Transit (BCT), Sec5310 New Freedom	BC Transit service areawide/City of Battle Creek	0.00	New Freedom operating assistance, demand response service expansion beyond existing route hours & boundaries.	\$ 459,990		Non-Infrastructure (NI)
2026	130	Battle Creek Transit	Transit Operating - Battle Crk Transit, Fed+State+Local	Areawide - Battle Creek Transit	0.00	Operating Assistance - FTA Sec5307, State CTF, and Local	\$ 4,455,542		Non-Infrastructure (NI)
2026	131	Battle Creek Transit & Local Human Services Agencies	Transit Operating - Specialized Services FY26	Areawide/Battle Creek/Calhoun County. For local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center, and BCT.	0.00	State operating assistance for services for elderly & individuals w/disabilities under FY26 SpecSrvc Prog	\$ 108,434		Non-Infrastructure (NI)
2027	132	MDOT	I-194/M-66 NB & SB bridges	over Golden Avenue, City of Battle Creek, Calhoun County	0.00	Shallow Overlay	\$ 1,289,150	213631	CON
2027	133	MDOT	M-89 (Washington Ave) bridge	over Battle Creek River, Battle Creek, Calhoun County	0.00	Superstructure Replacement	\$ 4,730,000	213719	CON

YEAR	BCATS 2045 MTP ID#	RESPONSIBLE AGENCY	PROJECT NAME	LIMITS	LENGTH (miles)	PROJECT DESCRIPTION	TOTAL ESTIMATED AMOUNT (\$)	MDOT JN	PHASE
2027	134	MDOT	M-96 (Dickman Rd) Trail	along north side of M-96 from Fort Custer National Cemetery (in Kalamazoo County) eastward ~ one mile crossing Armstrong Rd into Calhoun County (and City BC) to old Avenue A intersection/connector path to Evergreen Rd/American Legion Dr in Springfield	3.20	Rehabilitate existing 8'-12" wide asphalt path, add & update ADA ramps as necessary. Approximately 2.1 miles in Calhoun County and 1.1 miles in Kalamazoo County.	\$ 650,000		Non-Infrastructure (NI)
2027	135	MDOT	Southwest Regionwide Pvmr Mrkg Retro Readings	All of BCATS MPO	28.35	Pvmr mrkg retroreflectivity readings on trunklines in Southwest Region	\$ 990	213379	CON
2027	136	Battle Creek Transit	Large Bus Replacements (4), 2027	large buses used for BCT's fixed-route line-haul service within BCT service area		replace four (4) 35-40' large buses @ \$625,000 ea.	\$ 2,500,000		Non-Infrastructure (NI)
2028	137	Battle Creek Transit	New Transit Facility Build	rebuild BCT central offices & garage at location TBD		replace/relocate BCT central offices & garage	\$ 13,100,000		Non-Infrastructure (NI)
2029	138	Battle Creek	Stringham Rd Non-motorized Connector	from W Jackson Rd northward to M-89 (Michigan Ave)	0.26	Reconfigure four-lane roadway to accommodate pedestrian and non-motorized travel from M-89 to connect to BC Linear Park at Jackson/Stringham intersection adjacent to Kalamazoo River	\$ 450,000		Non-Infrastructure (NI)
2029	139	MDOT	I-94BL (Michigan Ave E)	I-94BL as Main St from Dickman Rd E northwestward to Hamblin Ave, then briefly northeastward on Hamblin Ave to Michigan Ave E, the eastward on Michigan Ave. to 9 1/2 Mile Rd (Wattles Rd) in Emmett Twp, Calhoun County	3.92	Milling and two course asphalt overlay with sidewalk improvements	\$ 7,177,500	214871	CON
2029	140	Battle Creek Transit	Small Bus Replacements (2), 2029	small buses used for BCT's demand-response Tele-Transit service withing BCT demand-response service area		replace two (2) cutaway buses @ \$100,000 ea.	\$ 200,000		Non-Infrastructure (NI)
2034	141	Battle Creek Transit	Large Bus Replacements (4), 2034	large buses used for BCT's fixed-route line-haul service within BCT service area		replace four (4) 35-40' large buses @ \$625,000 ea.	\$ 2,500,000		Non-Infrastructure (NI)
2034	142	Battle Creek Transit	Small Bus Replacements (2), 2034	small buses used for BCT's demand-response Tele-Transit service withing BCT demand-response service area		replace two (2) cutaway buses @ \$100,000 ea.	\$ 200,000		Non-Infrastructure (NI)
2039	143	Battle Creek Transit	Small Bus Replacements (2), 2039	small buses used for BCT's demand-response Tele-Transit service withing BCT demand-response service area		replace two (2) cutaway buses @ \$100,000 ea.	\$ 200,000		Non-Infrastructure (NI)
2041	144	Battle Creek Transit	Large Bus Replacements (4), 2041	large buses used for BCT's fixed-route line-haul service within BCT service area		replace four (4) 35-40' large buses @ \$625,000 ea.	\$ 2,500,000		Non-Infrastructure (NI)
2044	145	Battle Creek Transit	Small Bus Replacements (2), 2044	small buses used for BCT's demand-response Tele-Transit service withing BCT demand-response service area		replace two (2) cutaway buses @ \$100,000 ea.	\$ 200,000		Non-Infrastructure (NI)
2022-2045	146	Battle Creek Transit	Annual Transit Security (total expected over 2022-2045 average \$17,800/year)	for Battle Creek Transit		Security related improvements (1% of Federal operating assistance annually)	\$ 427,200		Non-Infrastructure (NI)
2024-2045	147	Local Human Services Agencies	Annual Specialized Services Transit CAPITAL Assistance (total expected over 2024-45, average \$120,000/year)	for local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center.		Fed Sec 5310 (with match from State) transit capital assistance "passed thru" Battle Creek Transit to local human services agencies,	\$ 2,640,000		Non-Infrastructure (NI)
2027-2045	148	Local Road Agencies	Annual Local (non-trunkline) Bridge Replacement & Preservation (total estimated over 2027-45, average \$1.2M/year)	Local (non-trunkline) bridges in the BCATS area		Bridge replacement & preservation	\$ 22,800,000		CON
2027-2045	149	Local Road Agencies	Annual Local CMAQ, Safety, & Non-Pavement Preservation STUL Projects (total planned over 2027-45, average \$1.1M/year)	on Federal-aid eligible roadways under jurisdiction of Battle Creek, Calhoun County, Springfield		CMAQ ~ \$300,000/yr, Safety ~ \$300,000/yr, STUL ~ \$500,000/yr. (specific projects for 2022-26 that are in the current TIP, or to be amended or included in the next TIP thru 2026, are included separately in this list)	\$ 20,900,000		CON
2027-2045	150	Local Road Agencies	Annual Pavement Preservation Strategy Local Agencies (75% of STP Urban Local (STUL) Allocation+Local share) (total planned over 2027-45, average \$1.5M/year)	Capital Preventive Maintenance (CPM) on Federal-aid eligible roadways under jurisdiction of Battle Creek, Calhoun County, Springfield		Resurfacing, rehabilitation, and limited reconstruction (specific CPM projects for 2022-26 that are in the current TIP, or to be amended or included in the next TIP thru 2026, are included separately in this list)	\$ 28,500,000		CON
2027-2045	151	Battle Creek Transit	Annual Transit Capital - Battle Creek Transit, Sec5339. Miscellaneous Equipment & Small Vehicles (total expected over 2027-45, average \$217,100/year)	Areawide - Battle Creek Transit		Farebox system, office furniture, computer equipment, shop equipment/tools, mini-vans, cutaway buses, bus stop shelters, bus stop & route signage.	\$ 4,124,900		Non-Infrastructure (NI)
2027-2045	152	Battle Creek Transit	Annual Transit Capital (Mobility Management) - Battle Creek Transit (BCT), Sec5310 (total expected over 2027-45, average \$118,300/year)	Areawide/Battle Creek/Calhoun County	0.00	Continuation of Mobility Management to coordinate countywide transportation efforts and centralized dispatch coordinating service between multiple providers	\$ 2,247,700		Non-Infrastructure (NI)
2027-2045	153	Battle Creek Transit	Annual Transit Operating - Battle Creek Transit (BCT), Sec5310 New Freedom (total expected over 2027-45, \$459,990/year)	BC Transit service areawide/City of Battle Creek	0.00	New Freedom operating assistance, demand response service expansion beyond existing route hours & boundaries.	\$ 8,739,810		Non-Infrastructure (NI)
2027-2045	154	Battle Creek Transit	Annual Transit Operating Assistance (total expected over 2027-45, average \$4.98M/year)	for Battle Creek Transit		Federal, State, & Local Operating Assistance. Local \$ includes "farebox revenue" from fares, tokens/tickets, passes, misc transp contracts, Auxiliary Trans Revenues (i.e advertising), NonTrans Revenues, and contribution from City of Battle Creek general fund.	\$ 94,620,000		Non-Infrastructure (NI)
2027-2045	155	Battle Creek Transit & Local Human Services Agencies	Annual Specialized Services Transit OPERATING Assistance (total expected over 2027-45, \$108,434/year)	Areawide/Battle Creek/Calhoun County. For local human services agencies - Community Action, Community Inclusive Recreation, Marian Burch Adult DayCare Center, and BCT.		State transit operating assistance to BCT and "passed thru" Battle Creek Transit to local human services agencies	\$ 2,060,246		Non-Infrastructure (NI)
2028-2045	156	MDOT	Annual MDOT Bridge Replacement & Preservation (total estimated over 2028-45, average \$3.0M/year)	State trunkline bridges in the BCATS area		Bridge replacement & preservation	\$ 54,000,000		CON
2030-2045	157	MDOT	Annual MDOT Road CPM, Rehabilitation, & Reconstruction (total estimated by BCATS for period over 2030-45, average \$6.1M/year)	Capital Preventive Maintenance (CPM), road rehabilitation, & reconstruction of State trunkline system roadways		Road CPM, rehabilitation, & reconstruction. Specific MDOT projects for 2022-29 that are programmed in JobNet to-date are included separately in this list. FY22 I-94 RBMP project (JN-210073, \$114.7M) excluded from calculation of annual average.	\$ 97,600,000		CON

Project List for Rural STIP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2020	Bloomington	Oak Street to 2,100 feet west	0.398	W. Kalamazoo Street	VanBuren County	Reconstruction	No	\$16,800	Reconstruct	exempt	
2020	Bloomington	Oak Street to 2,100 feet west	0.398	W. Kalamazoo Street	VanBuren County	Reconstruction	No	\$409,300	Reconstruct	exempt	
2020	Southwest Michigan Planning Commission	Countywide	0.000	Countywide	VanBuren County	Operation Improvements	No	\$12,000	FY20/FY21 Rideshare program	exempt	
2020	MDOT	Old Covert Rest Area on I-196 SB	0.000	I-196	VanBuren County	Operation Improvements	No	\$164,966	PITWS	exempt	
2021	MDOT	I-94 VanBuren County	38.481	I-94	VanBuren County	ITS Applications	No	\$3,156,199	Variable Advisory Speed Limit System along I-94 in VanBuren Co.	exempt	
2021	Bangor	East Arlington Street from Center Street to East Monroe Street (M-43)	0.508	E Arlington St	VanBuren County	Road Rehabilitation	No	\$146,637	Crush & Shape	exempt	
2021	Bangor	East Arlington Street from Center Street to East Monroe Street (M-43)	0.508	E Arlington St	VanBuren County	Road Rehabilitation	No	\$203,363	Crush & Shape	exempt	
2023	Van Buren County	County Road 388 from County Road 653 (29th St.) to 26th St.	1.501	County Road 388	VanBuren County	Road Rehabilitation	No	\$1,663,180	Crush and Shape	exempt	
2023	Van Buren County	County Road 388 from County Road 653 (29th St.) to 26th St.	1.501	County Road 388	VanBuren County	Road Rehabilitation	No	\$126,820	Crush and Shape	exempt	
2021	Van Buren County	46th Street to Bloomington Village Limits	1.100	County Road 388	VanBuren County	Road Rehabilitation	No	\$1,190,000	Crush and shape	exempt	
2022	Breedsville	Main Street to North Village Limits	0.579	Pine St	VanBuren County	Reconstruction	No	\$460,400	Reconstruction	exempt	
2022	Decatur	S. George Street to East Village Limit	0.286	Prairie Ronde St	VanBuren County	Reconstruction	No	\$317,400	Reconstruction	exempt	
2021	South Haven	US-31 to Veterans Boulevard	0.249	Phoenix Rd	VanBuren County	New Facilities	No	\$241,037	Build a 10' Non-motorized path	exempt	
2022	South Haven	Kalamazoo Street to Le Grange St.	0.342	Aylworth Ave	VanBuren County	New Facilities	No	\$315,000	Build a 10' wide path	exempt	
2022	South Haven	Huron Street Parking Lot	0.060	Electric Charging Stations	VanBuren County	Air Quality Improvement	No	\$40,000	Install two public use electric vehicle charging stations	exempt	
2022	Lawrence	South Paw Paw Street to East village limits	0.507	E Saint Joseph St	VanBuren County	Road Capital Preventive Maintenance	No	\$72,480	asphalt overlay.	exempt	
2022	Lawrence	South Paw Paw Street to East village limits	0.507	E Saint Joseph St	VanBuren County	Road Capital Preventive Maintenance	No	\$315,720	asphalt overlay.	exempt	
2021	Hartford	Prospect Street from Marion Avenue to North Center Street	0.363	Prospect St	VanBuren County	Reconstruction	No	\$689,700	Reconstruction with storm sewer	exempt	
2023	MDOT	I-94 @ Exit 6, 12, 39, 41, 46, 52	3.298	52nd/I-94 E Ramp	VanBuren County	Traffic Safety	No	\$27,416	Wrong Way movement prevention at freeway nar-clo ramps	exempt	
2023	MDOT	I-94 @ Exit 6, 12, 39, 41, 46, 52	3.298	52nd/I-94 E Ramp	VanBuren County	Traffic Safety	No	\$210,190	Wrong Way movement prevention at freeway nar-clo ramps	exempt	
2023	Bangor	Hamilton Avenue, Str #10798 over the Black River, City of Bangor	0.000	Hamilton Avenue	VanBuren County	Bridge Replacement	No	\$1,371,000	Bridge Replacement	exempt	
2022	Van Buren County	CR 687 from CR 342 (92nd) to 90th Avenue	0.438	County Road 687	VanBuren County	Road Rehabilitation	No	\$519,917	Crush and shape	exempt	
2021	MDOT	MDOT maintenance use of a mobile barrier system on MDOT trunkline	0.000	Blue Star Hwy	VanBuren County	Traffic Safety	No	\$522,322	Procure one mobile barrier system (MBT-1) for maintenance operations.	exempt	
2022	Van Buren County	12th Avenue (County Road 384) over Black River Str# 10740- Van Buren County	0.000	12th Avenue (County Road 384)	VanBuren County	Bridge CPM	No	\$228,055	Miscellaneous Bridge Capital Preventative Maintenance	exempt	
2022	Bangor	2nd Street (Second Street) over Black River Str# 10799 - City of Bangor	0.000	2nd Street (Second Street)	VanBuren County	Bridge CPM	No	\$292,000	Miscellaneous Bridge Capital Preventative Maintenance	exempt	
2023	Van Buren County	6th Ave to Phoenix Rd (CR 388)	0.499	County Road 689	VanBuren County	Road Rehabilitation	No	\$470,000	Restoration and Rehabilitation	exempt	
2021	South Haven	Phoenix Street from 73rd to 71 1/2	0.469	Phoenix Rd	VanBuren County	Road Rehabilitation	No	\$400,000	Mill off 2 inches of asphalt and replace. Replace drainage castings	exempt	
2021	Van Buren County	Red Arrow Highway from 70th Street to Hartford Village Limits	2.446	Red Arrow Hwy	VanBuren County	Road Capital Preventive Maintenance	No	\$590,000	HMA milling, HMA paving, and pavement markings	exempt	
2020	CSX Transportation Inc	At CSX Transportation in Hartford Township, Van Buren County	0.000	66th St	VanBuren County	Railroad	No	\$481,087	install flashing-light signals and half-roadway gates	exempt	
2020	CSX Transportation Inc	At CSX Transportation in Lee Township, Van Buren County	0.000	Baseline Rd	VanBuren County	Railroad	No	\$325,000	Install flashing-light signals and half-roadway gates	exempt	
2020	CSX Transportation Inc	At CSX Transportation in Bangor Township, Van Buren County	0.000	36th Ave	VanBuren County	Railroad	No	\$577,019	install flashing-light signals and half-roadway gates	exempt	
2020	CSX Transportation Inc	At CSX Transportation in Bangor Township, Van Buren County	0.000	60 1/2 St	VanBuren County	Railroad	No	\$594,216	install flashing-light signals and half-roadway gates	exempt	
2021	Lawrence	Lawrence Elementary & Jr High schools, Bert Goens Learning Center	1.162	W Saint Joseph St	VanBuren County	Traffic Safety	No	\$672,485	Pedestrian safety improvements	exempt	
2020	Van Buren County Board of Commissioners	areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$90,000	FY 2020 Small Urban Program - Replace bus	exempt	
2021	Van Buren County Board of Commissioners	areawide	0.000	Transit Capital	VanBuren County	1140-Bus Support Equip / Facilities	No	\$468,750	FY2020 Small Urban Program - Facility expansion	exempt	
2020	Van Buren County Board of Commissioners	areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$96,549	FY 2020 CMAQ - Replace one bus	exempt	
2023	Van Buren Public Transit	areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$104,200	FY2023 CMAQ - Purchase one replacement	exempt	
2021	Van Buren County Board of Commissioners	Areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$59,375	FY 2021 Small Urban Program - Bus purchase	exempt	

Project List for Rural STIP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2021	Van Buren County Board of Commissioners	areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$68,750	FY 2021 Small Urban Program - Transit Bus Replacement	exempt	
2020	Van Buren County Board of Commissioners	areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$312,084	Purchase buses under the FY20 Section 5339 program	exempt	
2021	Van Buren County Board of Commissioners	areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$203,158	FY21 Grant for FY20 Section 5339(b) Competitive Program - Vehicle Purchases	exempt	
2021	Van Buren County Board of Commissioners	areawide	0.000	Transit Capital	VanBuren County	1110-Bus Rolling Stock	No	\$108,846	FY21 Section 5339 program - Bus Purchase	exempt	
2020	Van Buren County Board of Commissioners	areawide	0.000	Transit Operating	VanBuren County	3000-Operating Assistance	No	\$737,638	FY20 Section 5311 Operating Assistance	exempt	
2021	Van Buren County Board of Commissioners	areawide	0.000	Transit Operating	VanBuren County	3000-Operating Assistance	No	\$738,208	FY21 Quarters 3 & 4 Section 5311 Operating Assistance	exempt	
2022	MDOT	over Rogers Creek, Covert Township, Van Buren County	0.000	I-196	VanBuren County	Bridge Replacement	No	\$4,123,000	Culvert Replacement, Roadway Reconstruction, Riprap, Guardrail	exempt	
2022	MDOT	South Village Limits to North Village Limits in Decatur	1.359	M-51	VanBuren County	Road Capital Preventive Maintenance	No	\$716,539	Milling and One Course Asphalt Overlay	exempt	
2020	MDOT	N Drive North (Exit 42) to Eaton County Line	5.004	I-69	Calhoun County	Reconstruction	No	\$49,141,171	Reconstruction	exempt	
2020	MDOT	under N Drive North, Garfield Road, I Drive North and I-94 interchange	0.000	I-69	Calhoun County	Bridge Rehabilitation	No	\$9,818,241	As part of I-69 Reconstruction phase 2 of 4 (Deep Overlay, Full Paint)	exempt	
2020	MDOT	C-Drive N, Albion Facility Lot No. 713006	0.000	I-94	Calhoun County	Roadside Facilities - Preserve	No	\$44,000	Resurface existing carpool lot.	exempt	
2022	MDOT	Signing Upgrade	137.119	M-60	Calhoun County	Traffic Safety	No	\$281,500	Non-freeway signing	exempt	
2022	MDOT	under I-7 Mile Road	0.000	I-94	Calhoun County	Bridge Rehabilitation	No	\$5,820,000	Deck Patch, Epoxy Overlay, Full Paint, Joint Repl, Pier Repl and Roadwork	exempt	
2020	MDOT	Signing Update	0.764	TSC Wide	Calhoun County	Traffic Safety	No	\$580,000	TSC Wide - Cantilevers Rep for W068-C, W071-C, W072-C, W081-C, W084-C, W085-C	exempt	
2020	MDOT	0.5 miles south of I-69 and I-94 interchange to N Drive North	6.097	I-69 S	Calhoun County	Reconstruction	No	\$85,153,988	Reconstruction	exempt	
2021	Marshall	Mansion - Madison to Michigan; East/North - Michigan to Madison	1.491	E Mansion St	Calhoun County	Reconstruction	No	\$787,000	Resurface and Reconstruct	exempt	
2022	MDOT	1 mile east of M-311 to the POE	6.160	I-94	Calhoun County	Road Capital Preventive Maintenance	No	\$4,182,781	Milling and one course asphalt overlay	exempt	
2021	MDOT	Kalamazoo - Dearborn state owned railroad right-of-way	4.570	Norfolk Southern Railway	Calhoun County	RAILTR-RAIL TRCK REHAB	No	\$483,240	Ties and Surfacing	exempt	
2023	Albion	North Albion Street, Str #1396 over the Kalamazoo River, City of Albion	0.000	North Albion Street	Calhoun County	Bridge Replacement	No	\$1,717,000	Bridge Replacement	exempt	
2023	MDOT	Hiland Drain crossing at M-66 in Athens Township, Calhoun County	0.012	M-66	Calhoun County	Reconstruction	No	\$604,000	HMA reconstruction and culvert replacement	exempt	
2022	Calhoun County	Countywide - Calhoun County	0.000	Countywide - Calhoun County	Calhoun County	Bridge CPM	No	\$129,844	Miscellaneous Bridge Capital Preventative Maintenance	exempt	
2022	Calhoun County	Countywide - Calhoun County	0.000	Countywide - Calhoun County	Calhoun County	Bridge CPM	No	\$99,000	Miscellaneous Bridge Capital Preventative Maintenance	exempt	
2022	Calhoun County	Countywide - Calhoun County	0.000	Countywide - Calhoun County	Calhoun County	Bridge CPM	No	\$120,204	Miscellaneous Bridge Capital Preventative Maintenance	exempt	
2022	Calhoun County	Countywide - Calhoun County	0.000	Countywide - Calhoun County	Calhoun County	Bridge CPM	No	\$182,895	Miscellaneous Bridge Capital Preventative Maintenance	exempt	
2021	Calhoun County	Partello Road/H Drive N, 20 Mile Road to 21 Mile	1.194	Partello Rd	Calhoun County	Road Rehabilitation	No	\$862,500	Crush and Shape with HMA Resurfacing	exempt	
2020	Calhoun County	8 Mile Road, 7 1/2 Mile Road to M 60	3.246	8 Mile Rd	Calhoun County	Road Rehabilitation	No	\$811,858	Cold In Place Recycling with New HMA Resurfacing	exempt	
2020	Calhoun County	8 Mile Road, 7 1/2 Mile Road to M 60	3.246	8 Mile Rd	Calhoun County	Road Rehabilitation	No	\$132,042	Cold In Place Recycling with New HMA Resurfacing	exempt	
2022	Calhoun County	28 Mile Rd. from Lake Access to I	1.794	28 Mile Rd	Calhoun County	Road Rehabilitation	No	\$971,084	Crush and Shape with HMA surface	exempt	
2023	Calhoun County	7 Mile Road, P Drive S to the North Burlington Township Line	1.820	7 Mile Rd	Calhoun County	Road Rehabilitation	No	\$905,000	Crush and Shape with HMA Surface	exempt	
2020	Tekonsha	Main St	0.930	S Main St	Calhoun County	Road Capital Preventive Maintenance	No	\$107,811	Chip Seal	exempt	
2021	Calhoun County	Clark Street to E County Line	1.071	Division Dr	Calhoun County	Road Rehabilitation	No	\$468,750	This project will include HMA resurfacing and sign upgrades.	exempt	
2023	Calhoun County	Marshall City Limits to G Drive N	0.368	17.5 Mile Rd	Calhoun County	Road Rehabilitation	No	\$468,750	Restoration and Rehabilitation	exempt	
2020	Calhoun County	Bellevue Road, from 13 Mile Road to North Calhoun County Line	2.174	Bellevue Rd	Calhoun County	Road Rehabilitation	No	\$944,916	Two Course Asphalt Resurfacing	exempt	
2023	Albion	S. Monroe Street to the City Limits	0.807	Haven Rd	Calhoun County	Road Rehabilitation	No	\$659,398	pulverizing, ditching, culverts, HMA surface, restoration, pavement marking	exempt	
2023	Albion	S. Monroe Street to the City Limits	0.807	Haven Rd	Calhoun County	Road Rehabilitation	No	\$40,602	pulverizing, ditching, culverts, HMA surface, restoration, pavement marking	exempt	
2020	Calhoun County	13 Mile Road at Michigan Avenue, Calhoun County	0.186	13 Mile Road	Calhoun County	Traffic Safety	No	\$2,800	Install dual Stop and Stop Ahead signs	exempt	
2020	Calhoun County	N Drive North from 12 Mile Road to 14 Mile Road, Calhoun County	1.966	N Drive North	Calhoun County	Traffic Safety	No	\$9,118	Tree removal	exempt	
2020	Calhoun County	Partello Road at 20 Mile Road, Calhoun County	0.075	Partello Road	Calhoun County	Traffic Safety	No	\$17,772	Install overhead flashing beacon	exempt	
2020	Calhoun County	S Drive South from 1 1/2 Mile Road to M-66, Calhoun County	1.884	S Drive South	Calhoun County	Traffic Safety	No	\$24,474	Tree Removal	exempt	
2021	Calhoun County	Countywide, Calhoun County	10.661	Countywide	Calhoun County	Traffic Safety	No	\$446,888	Tree removal and clearing	exempt	

Project List for Rural STIP

Year	Agency	Limits	Length (miles)	Road - Project Name	Location	Work Type	Capacity	Estimated Cost	Description	Air Quality	Comments
2022	Calhoun County	28 Mile Rd, C Dr N to Rice Creek; P Dr S, 6 Mile to 7 Mile, Calhoun County	6.749	28 Mile Rd, P Drive S	Calhoun County	Traffic Safety	No	\$372,600	Tree removal	exempt	
2022	Calhoun County	C Drive N from 13 Mile Road to M-96, Calhoun County	2.233	C Drive N	Calhoun County	Traffic Safety	No	\$167,750	Tree removal	exempt	
2022	Calhoun County	L Drive N at 15 1/2 Mile Road / 16 Mile Road, Calhoun County	0.126	L Dr N	Calhoun County	Traffic Safety	No	\$25,875	Install overhead flashing beacons	exempt	
2022	Calhoun County	Union City Road from M-60 to L Drive S, Calhoun County	6.099	Union City Road	Calhoun County	Traffic Safety	No	\$316,024	Tree removal	exempt	
2021	Marshall, City of	areawide	0.000	Transit Capital	Calhoun County	1110-Bus Rolling Stock	No	\$36,641	FY21 Job for FY18 Section 5339(b) Competitive Program - Vehicle Purchase	exempt	
2021	Marshall, City of	City of Marshall/Calhoun County	0.000	River St	Calhoun County	1140-Bus Support Equip / Facilities	No	\$10,000	Purchase furniture under the Section 5311 capital program.	exempt	
2021	Marshall, City of	areawide	0.000	Transit Capital	Calhoun County	1110-Bus Rolling Stock	No	\$87,867	FY21 Section 5339 program - Bus Purchase	exempt	
2020	Marshall, City of	areawide	0.000	Transit Operating	Calhoun County	3000-Operating	No	\$153,126	FY20 Section 5311 Operating Assistance	exempt	
2021	Marshall, City of	areawide	0.000	Transit Operating	Calhoun County	3000-Operating Assistance	No	\$156,268	FY21 Quarters 3 & 4 Section 5311 Operating Assistance	exempt	
2021	MDOT	over St. Joseph River and under Jackson Road	0.000	I-69	Calhoun County	Bridge Rehabilitation	No	\$2,650,050	Shallow Overlay, zone paint, Concrete Beam and Substructure Repair	exempt	
2020	MDOT	27 Mile Road to I-94	2.938	M-199	Calhoun County	Road Rehabilitation	No	\$1,210,000	Milling and two course asphalt resurfacing and widen shoulders	exempt	
2022	MDOT	I-94BL from Marshall Avenue to Michigan Avenue in the city of Marshall.	0.990	I-94BL	Calhoun County	Road Capital Preventive Maintenance	No	\$395,000	Milling and one course asphalt overlay	exempt	
2020	MDOT	Intersections located in Cass, Branch and Calhoun Counties	0.000	M-60	Calhoun County	Traffic Safety	No	\$77,000	Rural intersection warning system	exempt	
2023	MDOT	Intersections located in Cass, Branch and Calhoun Counties	0.000	M-60	Calhoun County	Traffic Safety	No	\$719,100	Rural intersection warning system	exempt	
2021	MDOT	M-60 Marshall TSC Wide Rural Intersections	61.297	M-60	Calhoun County	Traffic Safety	No	\$40,000	Non-Freeway Sign Replacement	exempt	
2021	MDOT	M-60 Marshall TSC Wide Rural Intersections	61.297	M-60	Calhoun County	Traffic Safety	No	\$270,000	Non-Freeway Sign Replacement	exempt	