



GRAND VALLEY METROPOLITAN COUNCIL

ADA TOWNSHIP • ALGOMA TOWNSHIP • ALLENDALE TOWNSHIP • ALPINE TOWNSHIP • BELDING • BYRON TOWNSHIP • CALEDONIA • CALEDONIA TOWNSHIP • CANNON TOWNSHIP • CASCADE TOWNSHIP
CEDAR SPRINGS • COOPERSVILLE • COURTLAND TOWNSHIP • EAST GRAND RAPIDS • GAINES TOWNSHIP • GEORGETOWN TOWNSHIP • GRAND RAPIDS • GRAND RAPIDS TOWNSHIP • GRANDVILLE
GREENVILLE • HASTINGS • HUDSONVILLE • IONIA • JAMESTOWN TOWNSHIP • KENT COUNTY • KENTWOOD • LOWELL • LOWELL TOWNSHIP • MIDDLEVILLE • NELSON TOWNSHIP
OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD • SAND LAKE • SPARTA • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

POLICY COMMITTEE MEETING
Wednesday, November 15, 2023
9:30 AM
Rapid Central Station
250 Cesar E. Chavez Ave SW
Grand Rapids, MI 49503

AGENDA

- I. **ROLL CALL AND INTRODUCTIONS**
- II. **APPROVAL OF MINUTES**—**ACTION**: Policy Committee minutes dated September 20, 2023.
Please refer to Item II: Attachment A
- III. **OPPORTUNITY FOR PUBLIC COMMENT**
- IV. **TIP AMENDMENTS**—**ACTION**: On behalf of MDOT, The Rapid, Kent County, Grand Rapids, and East Grand Rapids, amendments/modifications to the FY2023-2026 TIP are being requested.
Please refer to Item IV: Attachment A
- V. **2050 METROPOLITAN TRANSPORTATION PLAN (MTP) INVESTMENT STRATEGY AND PROJECT LIST — DISCUSSION/ACTION**: The Committee will be asked to review, discuss, and approve the investment strategy and project list recommended by the Technical Committee for the 2050 MTP.
Please refer to Item V: Attachment A
- VI. **2024 SAFETY TARGETS—INFORMATION/DISCUSSION/ACTION**: GVMC staff will present the state’s safety targets for 2024 and will provide GVMC data for comparison and discussion. The Committee may choose to take action if desired.
Please refer to Item VI: Attachment A
- VII. **ELECTION OF OFFICERS**—**ACTION**: The two-year terms for the Committee’s chair and vice chair will expire at the end of the year, so the Committee will need to elect a new chair and vice chair.
- VIII. **OTHER BUSINESS**
 - Committee meeting schedule



GRAND VALLEY METROPOLITAN COUNCIL

ADA TOWNSHIP • ALGOMA TOWNSHIP • ALLENDALE TOWNSHIP • ALPINE TOWNSHIP • BELDING • BYRON TOWNSHIP • CALEDONIA • CALEDONIA TOWNSHIP • CANNON TOWNSHIP • CASCADE TOWNSHIP
CEDAR SPRINGS • COOPERSVILLE • COURTLAND TOWNSHIP • EAST GRAND RAPIDS • GAINES TOWNSHIP • GEORGETOWN TOWNSHIP • GRAND RAPIDS • GRAND RAPIDS TOWNSHIP • GRANDVILLE
GREENVILLE • HASTINGS • HUDSONVILLE • IONIA • JAMESTOWN TOWNSHIP • KENT COUNTY • KENTWOOD • LOWELL • LOWELL TOWNSHIP • MIDDLEVILLE • NELSON TOWNSHIP
OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD • SAND LAKE • SPARTA • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

- Complete Streets update
- MDOT Updates
 - EA Public Meeting for M-37 Update
 - Fruit Ridge at I-96 Update
 - 131 PEL Update, Survey, & Outreach (Powerpoint)

IX. ADJOURNMENT

MINUTES

**Grand Valley Metropolitan Council
Transportation Division
POLICY COMMITTEE MEETING
Wednesday, September 20, 2023
Kent County Road Commission Board Room
1900 4 Mile Road NW, Walker, MI 49544**

Van Wyngarden, Vice Chair of the Policy Committee, called the September 20, 2023, meeting to order at 9:31 am. Those present introduced themselves to the Committee.

I. ROLL CALL AND INTRODUCTIONS

Voting Members Present

Thad Beard		City of Rockford
Jerry Byrne		Kent County Road Commission
Scott Conners	<i>Proxy for Darrel Schmalzel</i>	City of Walker
		City of Walker
Dennis Durham		City of Grandville
Karyn Ferrick		City of Grand Rapids
Francisco Garcia		Ottawa County Road Commission
Lisa Golder		City of Kentwood
Wayne Harrall	<i>Proxy for Mike DeVries</i>	Grand Rapids Charter Township
Dennis Kent	<i>Proxy for Mike Burns</i>	MDOT
		City of Lowell
Doug LaFave		City of East Grand Rapids
Greg Madura		Alpine Township
Josh Naramore, <i>Chair</i>		City of Grand Rapids
Kris Pachla		Kent County
Casey Ries		GRFIA
Liz Schelling	<i>Proxy for Kevin Wisselink</i>	The Rapid
		The Rapid
Terry Schweitzer		City of Kentwood
Rick Sprague	<i>Proxy for Terry Brod</i>	Kent County Road Commission
		Cannon Township
Justin Stadt		Georgetown Charter Township
Dan Strikwerda		City of Hudsonville
Luke Walters	<i>Proxy for Jeff Franklin</i>	MDOT
		MDOT
Rod Weersing		Gaines Charter Township
Cameron Van Wyngarden, <i>Vice Chair</i>		Plainfield Charter Township

Staff and Non-Voting Guests Present

Scott Alsgaard	Hope Network
Clover Brown	GVMC
Andrea Faber	GVMC
Mara Gericke	GVMC
Laurel Joseph	GVMC
Tyler Kent	MDOT
George Yang	GVMC

Mike Zonyk

GVMC

Voting Members Not Present

- Mark Bennett
- Terry Brod
- Mike Burns
- Michael DeVries
- Adam Elenbaas
- Jeff Franklin
- Kevin Green
- Jerry Hale
- Bryan Harrison
- Matt McConnon
- Tom Noreen
- Rob Postema
- Darrel Schmalzel
- Dean Smith
- Julius Suchy
- Jeff Thornton
- Don Tillema
- Steve Warren
- Blaine Wing
- Kevin Wisselink
- Member Awaiting Appointment
- Member Awaiting Appointment
- Member Awaiting Appointment
- Member Awaiting Appointment

- Tallmadge Charter Township
- Cannon Township
- City of Lowell
- Grand Rapids Charter Township
- Allendale Charter Township
- MDOT
- Algoma Township
- Lowell Charter Township
- Caledonia Charter Township
- Courtland Township
- Nelson Township
- City of Wyoming
- City of Walker
- Jamestown Charter Township
- Ada Township
- Village of Caledonia
- Byron Township
- Kent County Road Commission
- Village of Sparta
- The Rapid
- Cascade Charter Township
- City of Cedar Springs
- Ottawa County
- Village of Sand Lake

II. APPROVAL OF MINUTES

Referring to Item II: Attachment A, Van Wyngarden entertained a motion to approve the minutes from the May 17th, 2023, Policy Committee meeting and the July 19th, 2023, combined Technical and Policy Committee meeting.

MOTION by Madura, SUPPORT by LaFave, to approve the Policy Committee minutes dated May 17, 2023, and the combined Technical and Policy Committee minutes dated July 19, 2023. MOTION CARRIED UNANIMOUSLY.

III. OPPORTUNITY FOR PUBLIC COMMENT

No public comment.

IV. TIP AMENDMENTS

Referring to Item IV: Attachment A, Zonyk introduced the amendments to the FY2023-2026 TIP that were described in the agenda package. They are as follows:

MDOT

MDOT is requesting approval for budget increases, delays/removals, and funding source changes as outlined in the agenda package. They are also adding bridge

rehabilitation and CPM funds which triggers a GPA amendment for Trunkline Bridge.

D. Kent highlighted some of the projects listed in the S/TIP exempt project list including right of way phases for signals at M-11 and Leonard, and US-131 and Post Dr. He added that the Plaster Creek bridge south of Burton St. on US-131 will need substantial repairs next year. There will also be a joint project on US-131 from 28th Street to Pearl St. that will require the full closure of US-131 for a couple of weeks in each direction. One project that was added to the S/TIP exempt list was the US-131 at Wealthy St. study which will show up on the S/TIP exempt list with 100% state funding.

KCRC

KCRC is requesting to add Rural Exchange funds purchased from Mecosta County for their 100th St. Patterson Ave to Kraft Ave reconstruction project. This is triggering an amendment due to the cost increase.

There were three additional administrative modifications noted resulting from using funds previously allocated to other projects that Harrall provided additional details on, including:

- Broadmoor Intersections: Remove 76th St intersection and replace with 84th St intersection.
- Remove 60th St: Broadmoor Ave to Thornapple River Dr FY2025 resurfacing project and replace with Patterson Ave resurfacing north and south of 36th St.
- Remove Plainfield Bridge No 12: Packer Dr over the Rogue River and replace with Plainfield Bridge No. 25: West River Dr over the Rogue River.

GVMC

The FY2023 Clean Air Action Program project was duplicated and is being removed as a technical correction. Joseph added that at the end of last FY22 GVMC used surplus CMAQ funding for the FY23 Clean Air Action program so as not to lose the funding. However, there was already a Clean Air Action job programmed with FY23 funds, so the job needs to be abandoned.

City of Walker

The City of Walker has seen a significant cost increase for their 2024 Kinney Ave project. There will not be additional STP grant funding added, but the increase in local funds will trigger a TIP amendment.

MOTION by Naramore, SUPPORT by Harrall, to approve the TIP amendments requested by MDOT, KCRC, GVMC, and the City of Walker. MOTION CARRIED UNANIMOUSLY.

V. FY2024 PROGRAMMING UPDATES

Referring to Item V: Attachment A, Joseph presented an update to the FY2024 Funding Allocations and Programming.

Joseph noted that GVMC received updated revenue targets for FY2024. TPSG met on August 14, 2023 to develop a list of recommended changes to the FY2024 TIP list to align with these new targets and remain fiscally constrained. There was over half a million dollars of net positive change. These recommendations were then taken to the Technical Committee on September 6, 2023.

The recommendations, by funding source, are as follows:

STP-Flex-Kent County

- Impacts one City of Walker project: Kinney Ave Reconstruction
 - TPSG recommends lowering the federal amount for this funding source by \$67,000 to align with the new target.

Carbon Reduction Program

- Only one project programmed with this funding source is not currently programmed with maximum federal participation – City of Walker’s roundabout project at Center Drive NW
 - TPSG recommends increasing the federal amount by \$66,000 to align with the new target and also almost balance the amount lost on Walker’s Kinney Ave project.

STP-Rural-Kent County

- Impacts one KCRC project (100th Street Reconstruction)
 - TPSG recommends lowering the federal amount for this funding source by \$34,000 to align with the new target and supplementing the loss with STP-TMA funds.

STP-Flex-TMA and STP-TMA

- TPSG recommends allocating \$228,000 to The Rapid to supplement the COVID Relief funding that was taken back by Congress after the Debt Ceiling Deal.
 - When the word came down that unobligated COVID Relief funding was going to be rescinded as part of Congress’ debt ceiling deal this summer, it was indicated that the applicable funds that had been allocated to transit projects would not be clawed back. However, that turned out to not be the case, and without additional funding, The Rapid’s project would be \$285,000 short while the planning process has already begun.
 - MDOT Office of Passenger Transportation has agreed to provide the 20%

match required.

- TPSG recommends the remainder of the surplus STP-Flex-TMA funds (\$22,000) be combined with the remainder of the surplus STP-TMA funds to bring STP-TMA projects closer to maximum federal participation as most of the projects with this funding source were programmed with more than the required amount of local match.

Joseph added that these numbers are still estimates and the final allocation numbers should be available in October, so there may be additional changes that need to be made, but they should be administrative.

Naramore wanted to confirm that The Rapid funding is for the Transit Master Plan, which Joseph confirmed.

MOTION by Naramore, SUPPORT by Pachla, to approve the updated FY2024 funding allocations as recommended by TPSG and the Technical Committee. MOTION CARRIED UNANIMOUSLY.

VI. MDOT GROUP TRANSIT ASSET MANAGEMENT PLAN

Referring to Item VI: Attachment A, Joseph presented the MDOT Final Group Transit Asset Management Plan.

Joseph noted that GVMC has received MDOT’s final Group Transit Asset Management (TAM) Plan for rural transit agencies. This Plan was developed according to federal requirements for performance-based planning and programming. MDOT asks MPO’s to acknowledge receipt of the Plan.

Naramore asked how many rural transit agencies in the GVMC boundary are impacted by this plan. Joseph answered that Hope Network does their own, and then there are four: Georgetown Seniors, Senior Neighbors, Kent County Community Action, and United Methodist Community House. Naramore asked if in the future these communities be listed in the packet to know who is being affected, to which Joseph answered yes.

MOTION by Madura, SUPPORT by Sprague, to acknowledge the receipt of MDOT’s Group Transit Asset Management Plan. MOTION CARRIED UNANIMOUSLY.

VII. 2020 ADJUSTED CENSUS URBAN AREA (ACUB) BOUNDARY

Referring to Item VII: Attachment A Zonyk presented the draft changes to the Census Urban Area made at a June 28th, 2023 workshop held by MDOT.

Following the Census, the MPO, with assistance from MDOT, is tasked with updating the ACUB based on changes that have occurred since the previous

Census to account for housing and population growth. GVMC met with members to review these updates and make any necessary changes to the boundary. The changes were for information only, with the item previously brought to the Executive Committee on August 17, 2023 and the GVMC board on Thursday, September 7, 2023.

Sparta and Allendale were added as small urban areas due to the growth of urban clusters. This will impact the process by which these areas receive federal funding, but overall, the funding amounts for the TIP do not change as the result of this. However, this does change the percentage distribution for urban and rural funds for Act-51 funding.

The current ACUB will remain in place until 2025 FHWA approval.

The only action needed on this item is a signature from Schelling as the ITP representative so that it can be brought forward to MDOT, who will then complete the process and send it to FHWA.

Naramore asked what the total additional area was that was added. Zonyk said he will do that calculation, but it was not very much. Naramore also asked if this impacts these new areas' ability to use the rural funding. Joseph answered that it impacts where the STP rural fundings can be spent, but it does not impact where the urban funds can be spent. Harrall added that if it's a border project, either funding source could be used.

Joseph added that the hope was to bring this through the Technical and Policy Committees and then the GVMC Board, but due to the Board's meeting schedule it needed to go directly to them to make sure it got approved for MDOT's timeline.

VIII. OTHER BUSINESS

PASER

Zonyk announced that PASER collection for the year is complete, and he will be getting reports out to jurisdictions and updating the annual report.

TDM Plan Update

Joseph updated the Committee on the status of the Transportation Demand Management Plan. The draft Plan is out for review and feedback can be submitted until September 27. The next phase will be implementation in collaboration with the Technical and Policy Committees, as well as a TDM work group, to discuss regional strategies for increasing travel options and decreasing demand on the roadway system.

Safety Action Plan Update

Joseph noted that the RFP has been posted, with proposals due on September 22, 2023. The GVMC Safety Committee will be the group guiding the planning process. There will be a tight timeline on this process to give everyone enough time to apply for implementation funds.

Harrall asked if the RFP requires the document to be completed by September 30, 2024, which Joseph confirmed it does.

Steve Warren's Retirement

Harrall announced that Steve Warren will be retiring at the end of this month. He also announced that effective October 1, Jerry Bryne will be the new KCRC Managing Director and the Policy Committee representative for KCRC.

Warren was thanked for his regional perspective, foresight, and guidance throughout the years, as well as his active participation in GVMC's Committees and programs.

MDOT

D. Kent noted that a public meeting for the M-37 project has been scheduled for October 18th in Caledonia Charter Township. Work on the interchange access change requests for the Fruitridge project are ongoing. MDOT met with representative Scholten's staff to discuss M-11 and Wilson Ave.

IX. ADJOURNMENT

Van Wyngarden adjourned the September 20, 2023, Policy Committee meeting at 10:09 a.m.



GRAND VALLEY METROPOLITAN COUNCIL

ADA TOWNSHIP • ALGOMA TOWNSHIP • ALLENDALE TOWNSHIP • ALPINE TOWNSHIP • BELDING • BYRON TOWNSHIP • CALEDONIA • CALEDONIA TOWNSHIP • CANNON TOWNSHIP • CASCADE TOWNSHIP
 CEDAR SPRINGS • COOPERSVILLE • COURTLAND TOWNSHIP • EAST GRAND RAPIDS • GAINES TOWNSHIP • GEORGETOWN TOWNSHIP • GRAND RAPIDS • GRAND RAPIDS TOWNSHIP • GRANDVILLE
 GREENVILLE • HASTINGS • HUDSONVILLE • IONIA • JAMESTOWN TOWNSHIP • KENT COUNTY • KENTWOOD • LOWELL • LOWELL TOWNSHIP • MIDDLEVILLE • NELSON TOWNSHIP
 OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD • SAND LAKE • SPARTA • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

MEMORANDUM

DATE: November 08, 2023

TO: Policy Committee

FROM: Mike Zonyk, Transportation Planner

RE: **FY2023-2026 Transportation Improvement Program**

On behalf of MDOT, The Rapid, Kent County, Grand Rapids, and East Grand Rapids the following amendments/modifications to the FY2023-2026 TIP are being requested:

- MDOT is requesting approval for changes in fiscal year, funding sources, and a delayed project as identified in the attached table. The advanced obligation of their M-37 project in FY2024 is also causing a need for a GPA amendment for Trunkline Traffic Operations & Safety. Additionally, there are some bridge projects that have updated costs initiating a GPA amendment for Trunkline Bridge. Enclosed is also the S/TIP exempt project list and MDOT staff will provide highlights as necessary (please see attachments).
- Staff, on behalf of The Rapid, is requesting approval for the abandonment of the Transit Master Plan project that had Covid Relief funds associated with it that were rescinded. This requires a federal amendment (please see attachments).
- KCRC is requesting to add Argo Avenue which is a Sharrow/Sidewalk project that's gone through the MDOT Grant System (MGS) and needs to be added to the TIP. This is triggering an amendment for the Local Livability and Sustainability GPA (please see attachments).
- Grand Rapids has requested to remove federal funding for their Wealthy Street project and utilize these funds for Cesar E. Chavez in FY2025 to provide flexibility with issues on timing for materials. Wealthy will be completed with local funds. This requires an amendment (please see attachments).

- The City of East Grand Rapids has a sidewalk project along Robinson Road that's gone through MGS and needs to be added to the TIP (please see attachments).

If you have any questions, please do not hesitate to contact me at (616) 776-7669.

About GVMC

The Grand Valley Metropolitan Council (GVMC) is the Metropolitan Planning Organization (MPO) for Kent and eastern Ottawa Counties. MPOs provide a comprehensive transportation planning and decision making process for their region which encompasses all modes of transportation and includes both short and long-range transportation planning.

What is the TIP?

The Transportation Improvement Program (TIP) identifies and lists all proposed transportation projects occurring in the MPO area that will be using federal funding over the course of four years. The planning process includes local jurisdictions, transit agencies, and state and federal transportation officials. More information about the development process can be found below, and the full document, including the list of projects for FY2023-2026, can be found on the GVMC website at:

www.gvmc.org/tip

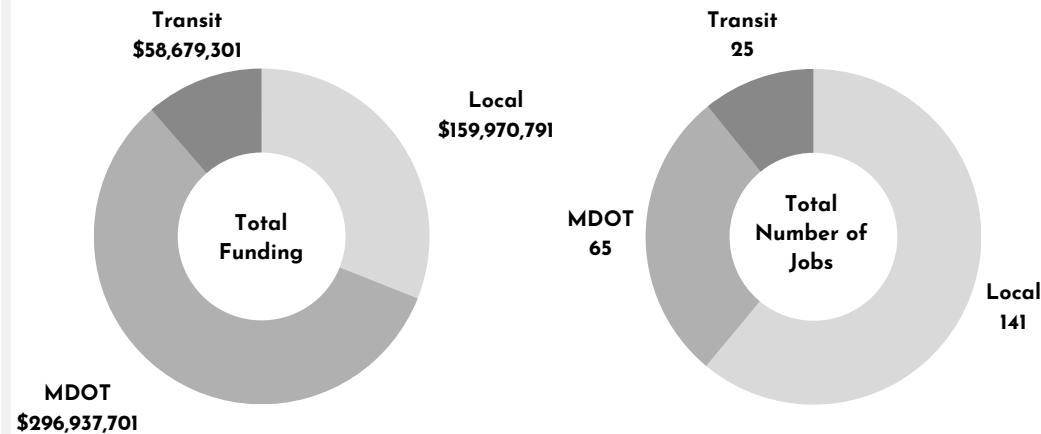
TIP Development Process



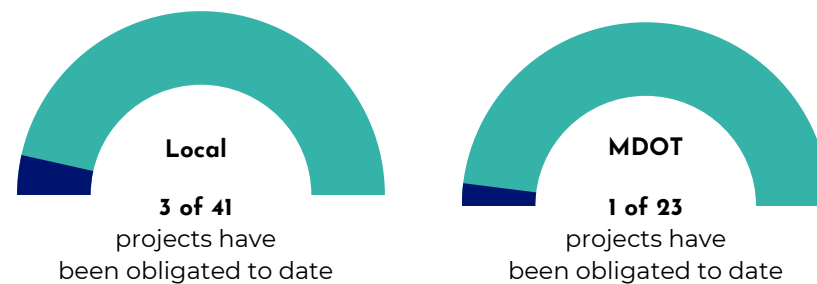
The FY2023-2026 TIP Includes

231 Projects totaling \$515,587,793

This Includes:



FY2024 Obligation Update



All transit jobs will be obligated on 9/30/2024

TIP Amendment Process

GVMC regularly amends the TIP to reflect changes to the list of projects. These changes include modifications to the cost of projects, scope, description, and fiscal years. Projects may also be added and deleted. While some changes are able to be made by GVMC staff, others require a formal amendment, which includes approval by the GVMC Technical and Policy Committees, MDOT, and by the Federal Transit Administration (FTA) and Federal Highway Administration (FHWA).

An amendment to the TIP is required if:

- A project is added or deleted from the list
- The cost of a project increases by 25% or more
- Project scope changes significantly

November 2023 TIP Amendment Summary

Additions (From MGS)	Advanced Obligations	Cost Changes
3	2	8
Delays	Finsys Changes	Suspensions/ Abandoned
1	1	2

The complete list of amendments, including project information such as jurisdiction, cost, and project year, can be found on the following page.

GVMC - November 2023 Amendment/Modifications (2023-2026 TIP)

Fiscal Year	Job Type	Job#	GPA Type	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Template Name	Federal Amendment Type
2025	Local	209987	Local Livability and Sustainability	Kent County	Argo Avenue Southeast	Argo Drive from Hall Street to Cascade Road	0.333	Roadside Facilities - Improve	Sharrows/Sidewalks	CON	\$238,700	\$0	\$0	\$238,700	TA	Transportation Alternatives	New Project from MGS
2025	Local	209987	Local Livability and Sustainability	Kent County	Argo Avenue Southeast	Argo Drive from Hall Street to Cascade Road	0.333	Roadside Facilities - Improve	Sharrows/Sidewalks	CON	\$125,790	\$0	\$53,910	\$179,700	TAU	Transportation Alternatives TMA	New Project from MGS
2024	Trunkline	207554	S/TIP Line items	MDOT	TSCwide	Non-Freeway Signing Upgrade	33.876	Traffic Safety	Non-Freeway Signing Upgrade	PE	\$87,706	\$0	\$0	\$87,706	STG	Traffic And Safety - Signs	Advanced Obligation from FY27 to FY24
2026	Trunkline	207554	S/TIP Line items	MDOT	TSCwide	Non-Freeway Signing Upgrade	33.876	Traffic Safety	Non-Freeway Signing Upgrade	CON	\$504,310	\$0	\$0	\$504,310	STG	Traffic And Safety - Signs	Phase Delayed to FY29
2024	Trunkline	211401	S/TIP Line items	MDOT	I-96	I-96 EB over M-11 WB	0.000	Bridge CPM	Deck Patching	PES	\$59,359	\$6,595	\$0	\$65,954	BFPI	Bridge Replacement and Preservation	Phase Budget equal or over 24% - Budget Increase
2026	Trunkline	211495	S/TIP Line items	MDOT	M-37	32nd Street over M-37	0.000	Bridge Replacement	Bridge replacement.	CON	\$5,106,417	\$1,004,946	\$127,388	\$6,238,750	BFP	Bridge Replacement and Preservation	Phase Budget equal or over 24% - Budget Increase
2024	Trunkline	211694	S/TIP Line items	MDOT	US-131	From I-96 north to Post Drive	6.185	Active Traffic Management	Active Traffic Management Systems	PES	\$291,386	\$64,614	\$0	\$356,000	NHFP	Operations	Changed Finsys from M to NHFP
2024	Trunkline	213954	S/TIP Line items	MDOT	TSCwide	TSC - major PR	26.055	Traffic Safety	Non-freeway signing upgrade	PE	\$0	\$0	\$0	\$0	STG	Traffic And Safety - Signs	Advanced Obligation from FY27 to FY24
2025	Trunkline	214959	S/TIP Line items	MDOT	US-131	Martin Luther King Jr. Street over US-131	0.000	Bridge Replacement	Partial Full Replacement	CON	\$40,874,867	\$7,930,898	\$1,132,986	\$49,938,750	BFP	Bridge Replacement and Preservation	Phase Budget equal or over 24% - Budget Increase
2025	Local	215832	S/TIP Line items	Grand Rapids	Wealthy St SE	Richard Terrace Ave to Ethel Ave	0.105	Reconstruction	Concrete Reconstructon (and Brick)	CON	\$350,000	\$0	\$1,618,327	\$1,968,327	STU	STP - TMA	Phase Suspended & Federal Funds used for JN# 215843
2024	Local	216857	S/TIP Line items	East Grand Rapids	Robinson Rd SE and Cascade Rd SE	Robinson - Plymouth to Cascade, Cascade - Robinson to E Beltline	1.829	New Facilities	Construction of 8ft sidewalk	CON	\$779,548	\$0	\$360,407	\$1,139,955	TAU	Transportation Alternatives TMA	New Project from MGS
2024	Trunkline	211402	Trunkline Bridge	MDOT	I-96	Four (4) Bridges on I-96	0.000	Bridge Rehabilitation	Deep Overlay and Deck Patching	PE	\$243,789	\$27,088	\$0	\$270,877	BFPI	Bridge Replacement and Preservation	GPA over or over 25% - Budget Increase
2024	Trunkline	211402	Trunkline Bridge	MDOT	I-96	Four (4) Bridges on I-96	0.000	Bridge Rehabilitation	Deep Overlay and Deck Patching	PES	\$346,899	\$38,544	\$0	\$385,443	BFPI	Bridge Replacement and Preservation	GPA over or over 25% - Budget Increase
2024	Trunkline	211403	Trunkline Bridge	MDOT	I-96	I-96 over Bristol Road	0.000	Bridge CPM	Deck Patching	PE	\$39,965	\$4,441	\$0	\$44,405	BFPI	Bridge Replacement and Preservation	GPA over or over 25% - Budget Increase
2024	Trunkline	211403	Trunkline Bridge	MDOT	I-96	I-96 over Bristol Road	0.000	Bridge CPM	Deck Patching	PES	\$133,461	\$14,829	\$0	\$148,290	BFPI	Bridge Replacement and Preservation	GPA over or over 25% - Budget Increase
2024	Trunkline	200652	Trunkline Traffic Operations And Safety	MDOT	M-37 SB	60th Street to Patterson Avenue (N Junction)	0.666	Minor Widening	Extend 3rd lane from 60th St north to Patterson Ave (N Jct)	CON	\$1,655,616	\$350,607	\$16,521	\$2,022,744	NH	Operations	GPA over or over 25% - Fund Transfer from FY25 to FY24
2023	Multi-Modal	212886	S/TIP Line items	Interurban Transit Partnership	Transit Project	areawide	0	SP1803-planning/studies	FY23 HIP COVID Relief-Regional Transit Master Plan	NI	\$285,000	\$0	\$0	\$285,000	HICU	Transit - STP - TMA - Flex	Phase Abandoned

November 2023 - Pending GPA's

Fiscal Year	MPO	Job Type	GPA Name	GPA Status	Last Approved Amount	Programmed Proposed Ammount	Total Proposed Amount
2024	GVMC	Trunkline	Trunkline Bridge	Proposed	\$579,276	\$269,740	\$849,016
2025	GVMC	Trunkline	Trunkline Traffic Ops and Safety	Proposed	\$3,648,992	\$1,475,193	\$5,124,185
2025	GVMC	Local	Local Livability and Sustainability	Proposed	\$554,871	\$238,700	\$793,571



S/TIP EXEMPT - REVERSIBLE JOBS
Fiscal Year(s) : 2024, 2025, 2026

Date: 10/24/2023
Page: 1 of 2
Classification: Public

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AC/ACC	ACC Year(s)	Phase	Phase Status	S/TIP Cycle	S/TIP Status	Fed Authorized Amount	Total Authorized Amount	Fed Estimated Amount	Total Estimated Amount	Cost To Date	Fund Source	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	CR Approved Date	Comments
2024	Trunkline	210083	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	from 92nd Street north to 76th Street	3,324	Major Widening	Reconstruction and Widening for a Boulevard			ROW	Programmed	23-26	A	\$0	\$0	\$0	\$1,500,000	\$0	M	12/01/2023		08/01/2025		10/11/2023	
2024	Trunkline	211492	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-45 OLD	From the Grand River east to M-45	1,288	Road Capital Preventive Maintenance	Milling and One Course Asphalt Overlay			PE	Programmed	23-26	A	\$0	\$0	\$0	\$40,000	\$0	M	10/09/2023		11/01/2024		10/07/2023	
2024	Trunkline	211492	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-45 OLD	From the Grand River east to M-45	1,288	Road Capital Preventive Maintenance	Milling and One Course Asphalt Overlay			CON	Programmed	23-26	A	\$0	\$0	\$0	\$866,000	\$0	M	09/06/2024		11/01/2024		10/07/2023	
2024	Trunkline	212524	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	2 structures located along US-131	0,000	Bridge CPM	Pin and Hanger Replacement, Joint Replacement, Zone Painting, Spot Paint			CON	Active	23-26	A	\$0	\$1,686,098	\$0	\$1,685,616	\$0	M	10/18/2023	10/19/2023	12/01/2023		10/18/2023	
2024	Trunkline	212533	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-11	2 structures located on M-11 & I-96 EB	0,000	Bridge CPM	Scour Repair			CON	Programmed	23-26	A	\$0	\$0	\$0	\$666,000	\$0	M	10/18/2023		12/01/2023		10/17/2023	
2024	Trunkline	214056	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	From M-11 (28th Street) to Pearl Street	3,923	Road Capital Preventive Maintenance	Full Depth Concrete Pavement Repairs			CON	Active	23-26	A	\$0	\$5,208,506	\$0	\$5,812,000	\$0	M	10/20/2023	10/19/2023	12/01/2023		10/07/2023	
2024	Trunkline	214788	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	US-131/54th Street	0,000	Bridge Rehabilitation	Regionwide High Load Hit Repairs			CON	Programmed	23-26	A	\$0	\$0	\$0	\$1,615,149	\$0	M	08/30/2024		11/01/2024		10/09/2023	
2024	Trunkline	217734	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196BS	I-196BS at Clyde Park	0,000	Traffic Safety	Modernize signalized intersection			CON	Programmed	23-26	A	\$0	\$0	\$0	\$351,817	\$0	M	11/09/2023		01/05/2024		10/11/2023	
2024	Trunkline	218807	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	TSC-wide	M-11 at Leonard and US-131 SB at Post	0,027	Traffic Safety	Traffic signal installation and modernization			CON	Programmed	23-26	A	\$0	\$0	\$0	\$703,610	\$0	M	12/08/2023		02/02/2024		10/07/2023	
2024	Trunkline	219179	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	M37 (ALPINE) @ PEACH RIDGE AVE	0,000	Traffic Safety	New traffic signal			CON	Programmed	23-26	A	\$0	\$0	\$0	\$374,796	\$0	M	05/31/2024		07/12/2024		10/07/2023	
2024	Multi-Modal	219596	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0,000	SP05-Local Bus Operating	Local Bus Operating			NI	Active	23-26	A	\$0	\$19,807,289	\$0	\$19,807,289	\$3,301,214	CTF	09/30/2024	10/01/2023			10/09/2023	
2024	Multi-Modal	220029	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	areawide	0,000	SP08-Specialized Service	FY24 Spec. Svc.-Services for the elderly and individuals with disabilities			NI	Programmed	23-26	A	\$0	\$0	\$0	\$795,474	\$0	CTF	09/30/2024				10/18/2023	
2025	Trunkline	210829	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	from M-37 east to Cascade Road	2,682	Road Capital Preventive Maintenance	Milling & One Course Asphalt Overlay (2')			CON	Programmed	23-26	A	\$0	\$0	\$0	\$3,958,000	\$0	M	10/25/2024		12/06/2024		10/07/2023	
2025	Trunkline	214816	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	M-44 over Grand Rapids Eastern Railroad	0,000	Bridge CPM	Substructure Patching			CON	Programmed	23-26	A	\$0	\$0	\$0	\$337,172	\$0	M	10/11/2024		12/06/2024		10/07/2023	
2025	Trunkline	218323	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	W I 196/US-131 S Ramp	I-196 WB to I-296 S	0,000	Bridge Rehabilitation	Substructure Patching			CON	Programmed	23-26	A	\$0	\$0	\$0	\$1,273,435	\$0	M	10/11/2024		12/06/2024		10/07/2023	



S/TIP EXEMPT - REVERSIBLE JOBS

Fiscal Year(s) : 2024, 2025, 2026

Date: 10/24/2023

Page: 2 of 2

Classification: Public

Fiscal Year	Job Type	Job #	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	AC/ACC	ACC Year(s)	Phase	Phase Status	S/TIP Cycle	S/TIP Status	Fed Authorized Amount	Total Authorized Amount	Fed Estimated Amount	Total Estimated Amount	Cost To Date	Fund Source	Schedule Date	Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	CR Approved Date	Comments			
Grand Total:																	\$0	\$26,701,894	\$0	\$39,786,358	\$3,301,214											

Total Job Phases Reported: 15

Preferences:

Report Format: Standard

FISCAL Year(s): 2024, 2025, 2026

MPO/Non-MPO: Grand Valley Metropolitan Council (Grand Rapids)

County: ALL

Prosperity Region: ALL

MDOT Region: ALL

STIP Cycle: Fiscal Year 2023 - Fiscal Year 2026

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

Job Type: Trunkline, Local, Multi-Modal

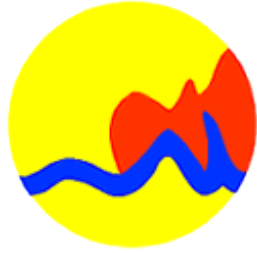
Phase Type: ALL

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

Amendment Type: ALL

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

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



CITY OF GRAND RAPIDS

October 24, 2023

Dear Mr. Zonyk,

The City had previously received approval to fund a FY2023 Surface Transportation Program – Urban (STPU) project, Wealthy Street – Ethel Avenue to East City Limits, with local funds and move the available Federal funding for that project to another FY2023 STPU project, Ball Avenue – Leonard Street to Knapp Street.

The City of Grand Rapids is scheduled to receive STPU funding in FY2025 for Wealthy Street – Richard Terrace Avenue to Ethel Avenue. We continue to see lengthy lead times for water main materials. To add flexibility with scheduling and phasing and seek economies of scale, the City would like to combine both the Wealthy Street – Ethel Avenue to East City Limits with Wealthy Street – Richard Terrace Avenue to Ethel Avenue sections and construct as a local project.

We have another project which is scheduled to receive STPU funding in FY2025, Cesar E. Chavez Avenue – Hall Street to Beacon Street which currently has a Federal funding share of 22.0%.

We request that the Federal share of Wealthy Street be added to the Federal share of Cesar E. Chavez Avenue which would increase the Cesar E. Chavez Avenue Federal funding share to 36.2%. If you have any questions or need additional information, please let us know.

FY2025 STPU

CURRENTLY PROGRAMMED

	<u>Project Description</u>	<u>Length</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
Wealthy Street SE – Richard Terrace Avenue to Ethel Avenue	Reconstruction	0.105	\$350,000	\$1,618,327	\$1,968,327
Cesar E. Chavez Avenue - Hall Street to Beacon Street	Reconstruction	0.275	\$538,735	\$1,914,528	\$2,453,263

FY2025 STPU

REQUESTED PROGRAM CHANGE

	<u>Project Description</u>	<u>Length</u>	<u>Federal</u>	<u>Local</u>	<u>Total Cost</u>
Wealthy Street SE – Richard Terrace Avenue to Ethel Avenue	Reconstruction	0.105	\$0	\$1,968,327	\$1,968,327
Cesar E. Chavez Avenue - Hall Street to Beacon Street	Reconstruction	0.275	\$888,735	\$1,564,524	\$2,453,263

Participating	\$ 2,453,263
Local Participating	\$ 1,200,000
Non-Participating	\$ 1,253,263

Please let us know if you have any questions. Thank you for your assistance.

Sincerely,


Rick DeVries, P.E.
Assistant City Engineer

cc: Laurel Joseph Kate Berens Karyn Ferrick Josh Naramore Kristin Bennett
Tim Burkman Cindy Irving Breese Stam



GRAND VALLEY METROPOLITAN COUNCIL

ADA TOWNSHIP • ALGOMA TOWNSHIP • ALLENDALE TOWNSHIP • ALPINE TOWNSHIP • BELDING • BYRON TOWNSHIP • CALEDONIA • CALEDONIA TOWNSHIP • CANNON TOWNSHIP • CASCADE TOWNSHIP
CEDAR SPRINGS • COOPERSVILLE • COURTLAND TOWNSHIP • EAST GRAND RAPIDS • GAINES TOWNSHIP • GEORGETOWN TOWNSHIP • GRAND RAPIDS • GRAND RAPIDS TOWNSHIP • GRANDVILLE
GREENVILLE • HASTINGS • HUDSONVILLE • IONIA • JAMESTOWN TOWNSHIP • KENT COUNTY • KENTWOOD • LOWELL • LOWELL TOWNSHIP • MIDDLEVILLE • NELSON TOWNSHIP
OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD • SAND LAKE • SPARTA • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

MEMORANDUM

To: Policy Committee

From: Andrea Faber, Transportation Planner

Re: Investment strategy and project list for 2050 Metropolitan Transportation Plan (MTP)

Date: November 8, 2023

MTP Investment Strategy

At the November Policy Committee meeting, staff will present the MTP investment strategy and the draft project list for the 2050 Metropolitan Transportation Plan (MTP) for approval. To determine the investment strategy, staff first met with the MTP Steering Committee on Wednesday, October 11. At that meeting, the committee took into consideration the following to develop a draft investment strategy:

- Data from the public survey
- The vision statement, goals and objectives for the plan
- The needs and deficiencies analysis (needs categorized below)
 - Capacity/Congestion: \$7.74 million
 - Pavement Condition: \$2.6 billion before inflation – doubles current investment
 - Nonmotorized (“Active Transportation”): \$316 million – unfunded illustrative projects
 - Safety – \$15.1 million
 - Transit –\$736,982,342 – unfunded illustrative projects
 - Bridge - \$7.4 million
- **Total Need Minimum: \$3,683,222,342**
- The financial analysis
 - \$648,034,593 in federal funds over the life of the document, or \$777,641,512 when adding the local match
- Investment priorities from the previous MTP

This investment strategy allows us to have a framework to address the approximately \$3.7 billion minimum in identified needs for capacity/congestion, pavement and bridge condition, nonmotorized, safety, and transit with the federal funding we can reasonably expect to receive over the life of the MTP.

The TPSG Committee then met on Thursday, October 19 to review the MTP Steering Committee’s investment strategy and made some minor edits. The approved investment strategy is below:

<p>Tier 1</p> <p>Improving Safety (by Reducing Fatal and Serious Injury Crashes)</p> <p>Improving Operations for All Modes</p>
<p>Tier 2</p> <p>Maintaining the System in a State of Good Repair</p>
<p>Tier 3</p> <p>Improving Active Transportation Options</p> <p>Improving Transit</p>
<p>Tier 4</p> <p>Exploring, Evaluating, and Coordinating New Transportation Technology</p>

This investment strategy will be carried out by programming projects based on eligibility by federal fund source (see below).

Fund Source	Eligible Work
<p>STP</p> <p>(Urban, Rural, Flex Kent Co, Flex TMA)</p>	<ul style="list-style-type: none"> Construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, operational improvements on federal aid roads Replacement, preservation, and other improvements on fed aid bridges Active transportation projects (pedestrian and bicycle facilities) Safety projects Can be flexed to transit
<p>CMAQ</p>	<ul style="list-style-type: none"> Signal System Operations Intersection Improvements About 50% flexed to transit Active transportation projects Other eligible projects with emission reduction benefits

Carbon Reduction (CRP)	<ul style="list-style-type: none"> • Projects eligible for CMAQ funding except expansion/widening projects
TAP	<ul style="list-style-type: none"> • Active transportation projects – no location restrictions • Bicycle/pedestrian facility improvements on other road/bridge projects • Other eligible projects
Category C – Kent County only	<ul style="list-style-type: none"> • Projects to reduce traffic congestion on federal aid eligible two-lane roads carrying over 10,000 vehicles per day or more than 25,000 on roads with more than two lanes <ul style="list-style-type: none"> ○ Intersection improvements ○ Left turn lanes ○ Advanced traffic management systems ○ Adding travel lanes • Resurfacing, rehabilitation, reconstruction projects on roads that have been previously expanded with Category C funding
FTA (5307, 5339, 5310, etc.)	<ul style="list-style-type: none"> • Transit

MTP Project List

The project list for the first years of the MTP will come directly from the TIP. Please [click here](#) to view the latest TIP projects.

For later years of the MTP, the TPSG Committee discussed if they would like to include projects in the document or if they would prefer to program percentages of federal fund sources to meet projected needs (for instance, allocating a certain percentage of STP funds for safety projects). Only expand/improve (“widening”) projects were considered for inclusion in the project list because of their air quality non-exempt status. Ultimately, the committee elected to leave federal funds unprogrammed for local projects since the greatest needs in the later band years of the MTP are unknown at this time. Therefore, local projects are listed as eligible projects TBD and will be programmed based on requirements per each fund source. Band years include 2027-2030, 2031-2040, and 2041-2050. The official project lists for the MTP, then, contain only transit and MDOT projects. Illustrative lists for local projects, MDOT, ITP, and active transportation are also attached.

If you have any questions, please contact me at (616) 776-7603 or email andrea.faber@gvmc.org.

Federal funds reasonably expected to be available over the life of the plan.

A table of federal funds reasonably expected to be available per band year is below. *Please note that there are two new funding sources to consider this year: Carbon Reduction Program (CRP) and STP-Flex TMA, which replaces the National Highway Performance Program (NHPP) funding we have received in the past.*

To determine these funding levels, funding from the FY2023-2026 TIP was used as the basis, and the following inflation factors that were provided by MDOT were applied every year between 2027-2050:

FY27-FY31: 1.9% growth rate

FY32& Beyond: 1.0% growth rate

Total by Fund Source Per Band Year										
	CMAQ - Federal + State	STP Flex-TMA (former NH)	STP Flex - TMA	STP Rural	EDFC	STP-TMA	TAP TMA	STP-Flex Kent County	Carbon Reduction	Total All Fund Sources
2023-2026	\$3,619,012	\$3,377,288	\$2,069,086	\$4,014,592	\$3,963,132	\$42,718,715	\$5,962,051	\$5,354,941	\$5,328,530	\$76,407,347
2027-2030	\$3,907,080	\$3,971,381	\$2,331,666	\$4,399,133	\$4,154,992	\$47,446,893	\$6,435,462	\$5,975,943	\$5,829,165.75	\$84,451,716
2031-2040	\$10,709,154	\$10,885,401	\$6,391,006	\$12,057,852	\$11,388,670	\$130,050,083	\$17,639,350	\$16,379,827	\$15,977,516	\$231,478,860
2041-2050	\$11,829,569	\$12,024,255	\$7,059,647	\$13,319,370	\$12,580,177	\$143,656,199	\$19,484,816	\$18,093,520	\$17,649,118	\$255,696,670
Total:	\$30,064,815	\$30,258,325	\$17,851,406	\$33,790,947	\$32,086,970	\$363,871,890	\$49,521,679	\$45,804,232	\$44,784,329	\$648,034,593

FY2027-2030 STP Flex TMA								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.								
			Various		\$ 2,915,000.00	\$ 2,332,000.00	\$ 583,000.00	TBD
Total Available:					\$ 2,915,000.00	\$ 2,332,000.00	\$ 583,000.00	
Total Cost:					\$ 2,915,000.00	\$ 2,332,000.00	\$ 583,000.00	
Total Remaining:					\$0	\$0	\$0	

FY2027-2030 STP FLEX TMA (former NH)								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.								
			Various		\$ 4,963,750.00	\$ 3,971,000.00	\$ 992,750.00	TBD
Total Available:					\$ 4,963,750.00	\$ 3,971,000.00	\$ 992,750.00	
Total Cost:					\$ 4,963,750.00	\$ 3,971,000.00	\$ 992,750.00	
Total Remaining:					\$0	\$0	\$0	

FY2027-2030 STP Rural								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.								
			Various		\$ 5,498,750.00	\$ 4,399,000.00	\$ 1,099,750.00	TBD
Total Available:					\$ 5,498,750.00	\$ 4,399,000.00	\$ 1,099,750.00	
Total Cost:					\$ 5,498,750.00	\$ 4,399,000.00	\$ 1,099,750.00	
Total Remaining:					\$0	\$0	\$0	

FY2027-2030 STP TMA								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.								
			City of Lowell		\$ 59,308,750.00	\$ 47,447,000.00	\$ 11,861,750.00	TBD
Total Available:					\$ 59,308,750.00	\$ 47,447,000.00	\$ 11,861,750.00	
Total Cost:					\$ 59,308,750.00	\$ 47,447,000.00	\$ 11,861,750.00	
Total Remaining:					\$0	\$0	\$0	

FY2027-2030 STP-Flex Kent County								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.								
			Various		\$ 7,470,000.00	\$ 5,976,000.00	\$ 1,494,000.00	TBD
Total Available:					\$ 7,470,000.00	\$ 5,976,000.00	\$ 1,494,000.00	
Total Cost:					\$ 7,470,000.00	\$ 5,976,000.00	\$ 1,494,000.00	
Total Remaining:					\$0	\$0	\$0	

FY2027-2030 EDFC								
Project	From	To	Jurisdiction	Length	Total Cost	State	Local Match	Air Quality Exempt?
Eligible projects TBD to reduce traffic congestion on federal aid eligible two-lane roads -or- resurfacing, rehabilitation, reconstruction projects on roads that have been previously expanded with Category C funding								
			Various		\$ 5,193,750.00	\$ 4,155,000.00	\$ 1,038,750.00	TBD
Total Available:					\$ 5,193,750.00	\$ 4,155,000.00	\$ 1,038,750.00	
Total Cost:					\$ 5,193,750.00	\$ 4,155,000.00	\$ 1,038,750.00	
Total Remaining:					\$0	\$0	\$0	

FY2027-2030 CMAQ Federal + State								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD with emission reduction benefits, such as intersection improvements and active transportation. Up to 50% is flexed to transit.								
			Various		\$ 4,883,750.00	\$ 3,907,000.00	\$ 976,750.00	TBD
						\$ -	\$ -	
						\$ -	\$ -	
Total Available:					\$ 4,883,750.00	\$ 3,907,000.00	\$ 976,750.00	
Total Cost:					\$ 4,883,750.00	\$ 3,907,000.00	\$ 976,750.00	
Total Remaining:					\$0	\$0	\$0	

*Includes transit and other eligible needs

FY2027-2030 Carbon Reduction								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD. Projects must also be eligible for CMAQ funding. Excludes widening projects.								
			Various		\$ 7,286,250.00	\$ 5,829,000.00	\$ 1,457,250.00	TBD
Total Available:					\$ 7,286,250.00	\$ 5,829,000.00	\$ 1,457,250.00	
Total Cost:					\$ 7,286,250.00	\$ 5,829,000.00	\$ 1,457,250.00	
Total Remaining:					\$0	\$0	\$0	
<i>*Includes transit and other eligible needs</i>								

FY2027-2030 TAP TMA								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible active transportation projects TBD, including bike and pedestrian facility improvements								
	TBD		Various		\$ 9,192,857.14	\$ 6,435,000.00	\$ 1,838,571.43	TBD
Total Available:					\$ 9,192,857.14	\$ 6,435,000.00	\$ 1,838,571.43	
Total Cost:					\$ 9,192,857.14	\$ 6,435,000.00	\$ 1,838,571.43	
Total Remaining:					\$0	\$0	\$0	

*FY2027-2030 MDOT									#SPILL!
Project	From	To	Jurisdiction	Length	Total Cost	Federal	State Match	Air Quality Exempt?	Project Description
Operations and Maintenance					\$ 79,800,000.00		\$ 79,800,000.00	Yes	Includes routine and winter state highway maintenance activities and operations (100% state funded)
Preservation					\$ 200,000,000.00	\$ 160,000,000.00	\$ 40,000,000.00	Yes	Includes reconstruction, rehabilitation, and/or capital preventative maintenance of existing trunkline roadways
					\$ -	\$ -	\$ -	No	Construct 4-lane boulevard and related preservation, non motorized, operational and safety improvements
Total Available:					\$ 279,800,000.00	\$ 160,000,000.00	\$ 119,800,000.00		
Total Cost:					\$ 279,800,000.00	\$ 160,000,000.00	\$ 119,800,000.00		
Total Remaining:					\$0	\$0	\$0		
<i>*Includes road rehabilitation and reconstruction, bridge replacement, capacity improvements, and operations and maintenance</i>									

Note: Projects that do not alter existing roadway thru-lane capacities beyond one-half (0.50) continuous miles, as permitted by federal regulation (examples: 40 CFR §93.105, 40 CFR §93.122 (a) (1), etc.), are not necessarily included in this list. As required by annual appropriation acts from the State of Michigan Legislature, the Michigan Department of Transportation (MDOT) is required to program projects over a rolling five-year period and provide this list to the Legislature and other state offices and officials. This program is documented in the MDOT Five Year Transportation Program (SYTP). In addition to projects programmed in the latest MDOT SYTP, environmentally cleared projects are provided in this list, but unless programmed within the most current MDOT SYTP, no open-to-traffic date is scheduled. Other factors, such as funding availability, public input, statewide priorities, weather conditions, and partnership opportunities, may affect proposed completion date of projects listed beyond calendar year 2019, or may change the order of what projects are completed.

FY2027-2030 Transit						
Project	From	To	Jurisdiction	Length	Total Capital Cost	Air Quality Exempt?
Vehicle Purchase					\$ 28,540,298.16	Yes
New Facilities and Maintenance					\$ 14,382,744.47	Yes
Information Technology					\$ 4,599,615.00	Yes
Operationalized Capital Funding					\$ 20,956,520.00	Yes
Miscellaneous					\$ 1,269,481.50	Yes
Total Capital Available:					\$ 69,748,659.13	
Total Cost:					\$ 69,748,659.13	
Total Remaining:					\$ -	

FY2031-2040 STP Flex TMA									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 7,988,750.00	\$ 6,391,000.00	\$ 1,597,750.00	TBD	
Total Available:					\$ 7,988,750.00	\$ 6,391,000.00	\$ 1,597,750.00		
Total Cost:					\$ 7,988,750.00	\$ 6,391,000.00	\$ 1,597,750.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 STP FLEX TMA (former NH)									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 13,606,250.00	\$ 10,885,000.00	\$ 2,721,250.00	TBD	
Total Available:					\$ 13,606,250.00	\$ 10,885,000.00	\$ 2,721,250.00		
Total Cost:					\$ 13,606,250.00	\$ 10,885,000.00	\$ 2,721,250.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 STP Rural									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 15,072,500.00	\$ 12,058,000.00	\$ 3,014,500.00	TBD	
Total Available:					\$ 15,072,500.00	\$ 12,058,000.00	\$ 3,014,500.00		
Total Cost:					\$ 15,072,500.00	\$ 12,058,000.00	\$ 3,014,500.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 STP TMA									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			City of Lowell		\$ 162,562,500.00	\$ 130,050,000.00	\$ 32,512,500.00	TBD	
Total Available:					\$ 162,562,500.00	\$ 130,050,000.00	\$ 32,512,500.00		
Total Cost:					\$ 162,562,500.00	\$ 130,050,000.00	\$ 32,512,500.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 STP-Flex Kent County									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 20,475,000.00	\$ 16,380,000.00	\$ 4,095,000.00	TBD	
Total Available:					\$ 20,475,000.00	\$ 16,380,000.00	\$ 4,095,000.00		
Total Cost:					\$ 20,475,000.00	\$ 16,380,000.00	\$ 4,095,000.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 EDFC									
Project	From	To	Jurisdiction	Length	Total Cost	State	Local Match	Air Quality Exempt?	
Eligible projects TBD to reduce traffic congestion on federal aid eligible two-lane roads -or- resurfacing, rehabilitation, reconstruction projects on roads that have been previously expanded with Category C funding	TBD				\$ 14,236,250.00	\$ 11,389,000.00	\$ 2,847,250.00	TBD	
Total Available:					\$ 14,236,250.00	\$ 11,389,000.00	\$ 2,847,250.00		
Total Cost:					\$ 14,236,250.00	\$ 11,389,000.00	\$ 2,847,250.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 CMAQ Federal + State									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD with emission reduction benefits, such as intersection improvements and active transportation. Up to 50% is flexed to transit.	TBD		Various		\$ 13,386,250.00	\$ 10,709,000.00	\$ 2,677,250.00	TBD	
Total Available:					\$ 13,386,250.00	\$ 10,709,000.00	\$ 2,677,250.00		
Total Cost:					\$ 13,386,250.00	\$ 10,709,000.00	\$ 2,677,250.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 Carbon Reduction									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD. Projects must also be eligible for CMAQ funding. Excludes widening projects.			Various		\$ 19,972,500.00	\$ 15,978,000.00	\$ 3,994,500.00	TBD	
Total Available:					\$ 19,972,500.00	\$ 15,978,000.00	\$ 3,994,500.00		
Total Cost:					\$ 19,972,500.00	\$ 15,978,000.00	\$ 3,994,500.00		
Total Remaining:					\$0	\$0	\$0		

FY2031-2040 TAP TMA									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	

Eligible active transportation projects TBD, including bike and pedestrian facility improvements	TBD	Various	\$ 25,198,571.43	\$ 17,639,000.00	\$ 7,559,571.43	TBD
Total Available:			\$ 25,198,571.43	\$ 17,639,000.00	\$ 7,559,571.43	
Total Cost:			\$ 25,198,571.43	\$ 17,639,000.00	\$ 7,559,571.43	
Total Remaining:			\$0	\$0	\$0	

*FY2031-2040 MDOT									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	State Match	Air Quality Exempt?	Project Description
Operations and maintenance			MDOT		\$ 226,300,000.00		\$ 226,300,000.00	Yes	Includes routine and winter state highway maintenance activities and operations (100% state funded)
M-37/M-44 (East Beltline Ave)	M-21 (E. Fulton St)	Knapp St	MDOT		\$ 60,000,000.00	\$ 48,000,000.00	\$ 12,000,000.00	No	of M-37/M-44 (East Beltline Ave) bridge over I-96.
EB I-96 On-Ramp from Leonard St	Leonard St	EB I-96	MDOT					No	ramps to dedicated M-37/M-44 (East Beltline Ave) interchange and new EB I-96 to WB I-196 ramp. Existing weave-merge lane will tie in with relocated EB I-96 on-ramp from Leonard St.
EB I-96 Off-Ramp to WB I-196	EB I-96 (south of Leonard St interchange)	WB I-196 (near Maryland Ave overpass)	MDOT					No	Construct new off-ramp from EB I-96 (south of Leonard St interchange) to WB I-196 (near Maryland Ave overpass). Provides new access to WB I-196.
EB I-196 On-Ramp to WB I-96	EB I-196 (near Maryland Ave overpass)	WB I-96 (south of Leonard St interchange)	MDOT					No	Construct new on-ramp and bridges to WB I-96 (south of Leonard St interchange) from EB I-196 (near Maryland Ave overpass). Provides new access to WB I-96.
WB I-96	M-37/M-44 (East Beltline Ave)	North of Leonard St	MDOT					Potentially	Relocation of mainline WB I-96 closer to EB I-96 (new alignment completed in 2020). Old alignment will be replaced with WB I-96 / NB M-37 collector-distributor (CD). No change in total thru lanes.
WB I-96 / NB M-37 Collector-Distributor	M-37/M-44 (East Beltline Ave)	North of Leonard St	MDOT					No	New CD lanes on I-96 EB/WB, I-196 to M-44/M-37:
								No	· M-37/M-44 (East Beltline Ave) ramps to WB I-96 and WB I-196 will be directed to CD ramp first, then mainline system. This eliminates the cross-weaving between traffic exiting to WB I-196 from the M-37/M-44 (East Beltline Ave) interchange.
								Potentially	· CD will be used to access WB I-196 from WB I-96
								Potentially	· CD will be used to access Leonard St from WB I-96
								Potentially	· M-37/M-44 (East Beltline Ave) traffic will access Leonard St via the new WB I-96 CD.
								No	· Addition of I-96 EB weave-merge lane between M-37/M-44 (East Beltline Ave.) and M-21 (E. Fulton St) and EB CD lanes between I-196 and M-37/M-44
EB I-96	M-37/M-44 (East Beltline Ave)	M-21 (E. Fulton St)	MDOT					No	Includes all improvements on I-96 between Leonard St and M-37/M-44 (East Beltline Ave), as listed above.
**EB I-96 and WB I-96	Leonard Street	M-37/M-44 (East Beltline Ave)			\$ 375,000,000.00	\$ 300,000,000.00	\$ 75,000,000.00		
WB I-96 Off-Ramp to M-21 (Fulton St)	WB I-96	M-21 (E. Fulton St)	MDOT		\$ 5,000,000.00	\$ 4,000,000.00	\$ 1,000,000.00	No	Construct new WB I-96 off-ramp to M-21 (E. Fulton St). This will include:
								No	· New I-96 weave-merge lane between WB I-96 on-ramp from Cascade Rd to new WB I-96 off-ramp to M-21 (Fulton St) and M-21 modifications (EB weave-merge lane opened in summer 2023 with construction of new EB I-96 on-ramp from M-21).
WB I-96	Cascade Rd	M-21 (E. Fulton St)	MDOT		\$ 5,000,000.00	\$ 4,000,000.00	\$ 1,000,000.00	No	· New thru-lane on EB/WB I-96 between Cascade Rd and bridge over GRE RR, near M-37/M-44 (East Beltline Ave). These lanes will tie in with new location of EB/WB I-96 and EB/WB I-96 CD lanes.
EB and WB I-96	Cascade Rd	M-37/M-44 (East Beltline Ave)	MDOT		\$ 8,000,000.00	\$ 4,000,000.00	\$ 1,000,000.00	Yes	Includes road and bridge rehabilitation, reconstruction and/or replacement, CPM, traffic safety projects, and limited operational improvements
Preservation			MDOT		\$ 627,733,000.00	\$ 502,186,400.00	\$ 125,546,600.00	Yes	
Total Available:					\$ 1,307,033,000.00	\$ 862,186,400.00	\$ 441,846,600.00		\$
Total Cost:					\$ 1,307,033,000.00	\$ 862,186,400.00	\$ 441,846,600.00		
Total Remaining:					\$0	\$0	\$0		

**All EB I-96 and I-196 projects are included in the total listed for this project

Note: Projects that do not alter existing roadway thru-lane capacities beyond one-half (0.50) continuous miles, as permitted by federal regulation (examples: 40 CFR §93.105, 40 CFR §93.122 (a) (1), etc.), are not necessarily included in this list. As required by annual appropriation acts from the State of Michigan Legislature, the Michigan Department of Transportation (MDOT) is required to program projects over a rolling five-year period and provide this list to the Legislature and other state offices and officials. This program is documented in the MDOT Five Year Transportation Program (5YTP). In addition to projects programmed in the latest MDOT 5YTP, environmentally cleared projects are provided in this list, but unless programmed within the most current MDOT 5YTP, no open-to-traffic date is scheduled. Other factors, such as funding availability, public input, statewide priorities, weather conditions, and partnership opportunities, may affect proposed completion date of projects listed beyond calendar year 2019, or may change the order of what projects are completed.

FY2031-2040 Transit					
From	To	Jurisdiction	Length	Total Capital Cost	Air Quality Exempt?
Vehicle Purchase				\$ 97,121,010.09	Yes
New Facilities and Maintenance				\$ 38,517,825.18	Yes
Information Technology				\$ 12,396,112.25	Yes
Operationalized Capital Funding				\$ 56,051,985.83	Yes
Miscellaneous				\$ 3,395,456.83	Yes
Total Capital Available:				\$ 207,482,390.18	
Total Cost:				\$ 207,482,390.18	
Total Remaining:				\$ -	

FY2041-2050 STP Flex TMA									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 8,825,000.00	\$ 7,060,000.00	\$ 1,765,000.00	TBD	
						\$ -	\$ -		
						\$ -	\$ -		
Total Available:					\$ 8,825,000.00	\$ 7,060,000.00	\$ 1,765,000.00		
Total Cost:					\$ 8,825,000.00	\$ 7,060,000.00	\$ 1,765,000.00		
Total Remaining:					\$0	\$0	\$0		

FY2041-2050 STP FLEX TMA (former NH)									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 15,030,000.00	\$ 12,024,000.00	\$ 3,006,000.00	TBD	
						\$ -	\$ -		
						\$ -	\$ -		
Total Available:					\$ 15,030,000.00	\$ 12,024,000.00	\$ 3,006,000.00		
Total Cost:					\$ 15,030,000.00	\$ 12,024,000.00	\$ 3,006,000.00		
Total Remaining:					\$0	\$0	\$0		

FY2041-2050 STP Rural									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 16,648,750.00	\$ 13,319,000.00	\$ 3,329,750.00	TBD	
						\$ -	\$ -		
						\$ -	\$ -		
Total Available:					\$ 16,648,750.00	\$ 13,319,000.00	\$ 3,329,750.00		
Total Cost:					\$ 16,648,750.00	\$ 13,319,000.00	\$ 3,329,750.00		
Total Remaining:					\$0	\$0	\$0		

FY2041-2050 STP TMA									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			City of Lowell		\$ 179,570,000.00	\$ 143,656,000.00	\$ 35,914,000.00	TBD	
						\$ -	\$ -		
						\$ -	\$ -		
Total Available:					\$ 179,570,000.00	\$ 143,656,000.00	\$ 35,914,000.00		
Total Cost:					\$ 179,570,000.00	\$ 143,656,000.00	\$ 35,914,000.00		
Total Remaining:					\$0	\$0	\$0		

FY2041-2050 STP-Flex Kent County									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD, including construction, reconstruction, rehabilitation, resurfacing, restoration, preservation, or operational improvements on federal-aid roads, as well as bridge projects, active transportation projects, safety, and transit.			Various		\$ 22,617,500.00	\$ 18,094,000.00	\$ 4,523,500.00	TBD	
						\$ -	\$ -		
						\$ -	\$ -		
Total Available:					\$ 22,617,500.00	\$ 18,094,000.00	\$ 4,523,500.00		
Total Cost:					\$ 22,617,500.00	\$ 18,094,000.00	\$ 4,523,500.00		
Total Remaining:					\$0	\$0	\$0		

FY2041-2050 EDFC									
Project	From	To	Jurisdiction	Length	Total Cost	State	Local Match	Air Quality Exempt?	
Eligible projects TBD to reduce traffic congestion on federal aid eligible two-lane roads -or- resurfacing, rehabilitation, reconstruction projects on roads that have been previously expanded with Category C funding	TBD				\$ 15,725,000.00	\$ 12,580,000.00	\$ 3,145,000.00	TBD	
						\$ -	\$ -		
						\$ -	\$ -		
Total Available:					\$ 15,725,000.00	\$ 12,580,000.00	\$ 3,145,000.00		
Total Cost:					\$ 15,725,000.00	\$ 12,580,000.00	\$ 3,145,000.00		
Total Remaining:					\$0	\$0	\$0		

FY2041-2050 CMAQ Federal + State									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?	
Eligible projects TBD with emission reduction benefits, such as intersection improvements and active transportation. Up to 50% is flexed to transit.	TBD		Various		\$ 14,787,500.00	\$ 11,830,000.00	\$ 2,957,500.00	TBD	
						\$ -	\$ -		
						\$ -	\$ -		
Total Available:					\$ 14,787,500.00	\$ 11,830,000.00	\$ 2,957,500.00		
Total Cost:					\$ 14,787,500.00	\$ 11,830,000.00	\$ 2,957,500.00		
Total Remaining:					\$0	\$0	\$0		

*Includes transit and other eligible needs

FY2041-2050 Carbon Reduction								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible projects TBD. Projects must also be eligible for CMAQ funding. Excludes widening projects.			Various		\$ 22,061,250.00	\$ 17,649,000.00	\$ 4,412,250.00	TBD
Total Available:					\$ 22,061,250.00	\$ 17,649,000.00	\$ 4,412,250.00	
Total Cost:					\$ 22,061,250.00	\$ 17,649,000.00	\$ 4,412,250.00	
Total Remaining:					\$0	\$0	\$0	
<i>*Includes transit and other eligible needs</i>								

FY2041-2050 TAP TMA								
Project	From	To	Jurisdiction	Length	Total Cost	Federal	Local Match	Air Quality Exempt?
Eligible active transportation projects TBD, including bike and pedestrian facility improvements			Various		\$ 27,835,714.29	\$ 19,485,000.00	\$ 8,350,714.29	TBD
Total Available:					\$ 27,835,714.29	\$ 19,485,000.00	\$ 8,350,714.29	
Total Cost:					\$ 27,835,714.29	\$ 19,485,000.00	\$ 8,350,714.29	
Total Remaining:					\$0	\$0	\$0	

*FY2041-2050 MDOT									
Project	From	To	Jurisdiction	Length	Total Cost	Federal	State Match	Air Quality Exempt?	Project Description
Operations and maintenance					270,700,000.00		\$ 270,700,000.00	Yes	Includes routine and winter state highway maintenance activities and operations (100% state funded)
WB I-196 Off-Ramp to NB Division Ave; joint City of GR & MDOT project			City of Grand Rapids/MDOT		\$ 30,000,000.00	\$ 24,000,000.00	\$ 6,000,000.00	No	
Preservation					\$ 693,407,000.00	\$ 554,725,600.00	\$ 138,681,400.00	Yes	
Total Available:					\$ 994,107,000.00	\$ 578,725,600.00	\$ 415,381,400.00		
Total Cost:					\$ 994,107,000.00	\$ 578,725,600.00	\$ 415,381,400.00		
Total Remaining:					\$0	\$0	\$0		
<i>*Includes road rehabilitation and reconstruction, bridge replacement, capacity improvements, and operations and maintenance</i>									

Note: Projects that do not alter existing roadway thru-lane capacities beyond one-half (0.50) continuous miles, as permitted by federal regulation (examples: 40 CFR §93.105, 40 CFR §93.122 (a) (1), etc.), are not necessarily included in this list. As required by annual appropriation acts from the State of Michigan Legislature, the Michigan Department of Transportation (MDOT) is required to program projects over a rolling five-year period and provide this list to the Legislature and other state offices and officials. This program is documented in the MDOT Five Year Transportation Program (5YTP). In addition to projects programmed in the latest MDOT 5YTP, environmentally cleared projects are provided in this list, but unless programmed within the most current MDOT 5YTP, no open-to-traffic date is scheduled. Other factors, such as funding availability, public input, statewide priorities, weather conditions, and partnership opportunities, may affect proposed completion date of projects listed beyond calendar year 2019, or may change the order of what projects are completed.

FY2041-2050 Transit					
From	To	Jurisdiction	Length	Total Capital Cost	Air Quality Exempt?
Vehicle Purchase				\$ 107,282,016.59	Yes
New Facilities and Maintenance				\$ 42,547,641.91	Yes
Information Technology				\$ 13,693,019.86	Yes
Operationalized Capital Funding				\$ 61,916,263.72	Yes
Miscellaneous				\$ 3,750,696.74	Yes
Total Capital Available:				\$ 229,189,638.83	
Total Cost:				\$ 229,189,638.83	
Total Remaining:				\$ -	

Appendix G: Illustrative Project Lists

Illustrative Project List – Local Road Agencies and Jurisdictions

Responsible Agency	Road Name	Limits	Description	Deficiency	Anticipated Year of Construction
City of Hudsonville	Highland Dr. E	New Holland St. to Chicago Dr.	Construct	Pavement	2041-2050
KCRC	Kalamazoo Avenue	68th St. to Auditorium Dr.	Widen	Congestion, Safety, and Pavement	2026-2035
KCRC	Knapp Street (Including Bridge)	Grand River Dr. to Shady Dr.	Widen	Congestion and Pavement	2026-2035
KCRC	Pettis Avenue	Honey Creek Ave. to Fulton St.	Widen	Safety and Pavement	2026-2035
KCRC	4 Mile Road	Hendershot Ave. to Walker Ave.	Widen	Congestion	2036-2045
KCRC	Cascade Road (Including Bridge)	Old 28th St. to Hidden Hills Ave.	Widen	Congestion, Safety, and Pavement	2036-2045
KCRC	Burton Street (Including Bridge)	Patterson Ave. to Quail Crest Dr.	Widen	Congestion and Pavement	2036-2045
KCRC	Hudson Street (Including Bridge)	Grand River Dr. to Bowes Rd.	Widen	Congestion, Safety, and Pavement	2026-2035
KCRC	68th Street	US-131 SB Ramps to US-131 NB Ramps	Widen	Congestion and Safety	2041-2050
KCRC	68th Street	Clyde Park Avenue to US-131 SB Ramps	Widen	Congestion and Safety	2041-2050
KCRC	84th Street	Division Avenue to US-131	Widen	Congestion	2041-2050

Responsible Agency	Road Name	Limits	Description	Deficiency	Anticipated Year of Construction
KCRC	Patterson Avenue	M-37 to 52nd Street	Widen	Congestion and Safety	2026-2035
KCRC	John J Oostema Blvd EB	Patterson Avenue to GRR Airport Terminal	Widen	Congestion and Safety	2026-2035
OCRC	8th Ave	M-6 to 44 th St.	Reconstruct to 5 Lanes	Congestion	
OCRC	18 th Ave	Pine Grove to Baldwin	Reconstruct to 3 Lanes	Safety and Pavement	
OCRC	48th Ave	Van Buren Street to Bauer Road	Reconstruct to 3 Lanes	Congestion and Pavement	
OCRC	48 th Ave	Port Sheldon Street Intersection	Roundabout	Congestion, Safety, and Pavement	
OCRC	48 th Ave	Baldwin St. Intersection	Roundabout	Congestion, Safety, and Pavement	
OCRC	48 th Ave	Bauer Road to Pierce St.	Reconstruct to 3 Lanes or 4 Lane Boulevard	Congestion	
OCRC	68 th Ave	Fillmore St. to Arthur St.	Reconstruct to 3 Lanes	Congestion, Safety, and Pavement	
OCRC	68 th Ave	Warner St Intersection	Roundabout	Congestion and Safety	
OCRC	Bauer Road	20 th Ave to 36 th Ave	Reconstruct to 3 Lanes	Pavement	
OCRC	Fillmore St	68 th Ave Intersection	Roundabout	Safety and Pavement	
OCRC	Port Sheldon St.	72 nd Ave to 48 th Ave	Reconstruct to 3 Lanes	Congestion, Safety, and Pavement	
OCRC	Quincy St.	32 nd Ave to 22 nd Ave	Reconstruct to 3 Lanes	Pavement	

Responsible Agency	Road Name	Limits	Description	Deficiency	Anticipated Year of Construction
OCRC	Quincy St.	22 nd Avenue Intersection	Roundabout	Pavement	
OCRC	Quincy St.	24 th Avenue Intersection	Roundabout	Pavement	
OCRC	Tyler St.	Port Sheldon St. to Kenowa Ave.	Reconstruct to 3 Lanes	Congestion	
Village of Caledonia	Kinsey Street (Phase 2)	100th Street to Maple Street	Reconstruction	Pavement and Safety	2027-2030

**MDOT ILLUSTRATIVE (UNFUNDED NEEDS) PROJECT LIST
GVMC 2050 MTP DRAFT**

Roadway	From Location	To Location	Conceptual Alternative	Estimated Cost (\$ Million) *
US-131	Hall Street	Wealthy/Cherry St.	Add Weave-Merge (W/M) or limited through lanes, operational improvements, expanded ITS, interchange modifications, enhanced local street connections & non-motorized access/Pending PEL Study results	\$300-\$400
US-131	M-11 (28 th Street)	Hall Street	Add W/M lanes, interchange modifications, and/or ITS improvements/Pending PEL Study results	\$200
M-11 (Wilson Ave)	I-196	Remembrance Road	Operational improvements/widen to 3 and/or 5 lanes/Pending further study	\$150
M-37 (Broadmoor Avenue)	100th Street	92 nd Street	Monitor traffic operations, corridor study; operational improvements and/or additional lanes/ Pending further study results.	\$20 - \$40
US-131	Ann Street/I-96	M-57 (14 Mile Road)	Add additional through lanes / Operational Improvements expanded ITS, including Flex Route options/Pending further study and outcomes of 2027 US-131 flex lane project analysis between I-296 and Post Drive.	\$150
I-196	44 th Street	US-131	Corridor Study/Add through or add W/M lanes/Bridge replacements, mainline geometric improvements, Operational Improvements and/or expanded ITS	\$50 - \$200
I-96	Cascade Road	M-11 (28 th Street)	Add through or W/M lanes, expended ITS/ Pending further study	N/A
I-96	M-11 (28th St)	M-6 Interchange	Monitor I-96 and M-6 traffic operations, operational improvements and coordination w/ GRF Int'l Airport plans, and possible flex lanes/Pending further study.	N/A
I-96	M-44 Connector (Plainfield Avenue)	Leonard Street	Continue to monitor traffic operations, W/M lanes, expanded ITS/Pending further study	N/A
US-131	South County Line	100th Street	Continue to monitor traffic operations, possible additional through or W/M lanes, expanded ITS/Pending further study	\$20 - \$50
US-131	36th Street	M-11 (28th Street)	Monitor traffic operations, continue ITS expansion, possible W/M lanes/Pending further study	\$20
US-131	54 th Street	44 th Street	Monitor traffic operations, continue ITS expansion, possible W/M lanes/Pending further study	\$20
US-131	I-196	I-96 Interchange	Monitor traffic operations, continue ITS expansion, possible operational improvements/Pending further study. Possible operational improvements and study possible nonmotorized tunnel improvements.	N/A
I-96	Walker Avenue	M-44 Connector (Plainfield Ave)	Add W/M lanes, operational improvements/expanded ITS/Pending further study	N/A
I-96	At Forest Hill Avenue		Bridge replacement, including Non-Motorized facility, in coordination with city of Kentwood.	\$30

I-96	At Burton Street		Bridge replacement, widening, including Non-Motorized facility, in coordination with Kent County Road Commission Burton Street improvements	\$10
M-21 (E. Fulton Street)	Pettis Avenue	City of Lowell	Operational and safety improvements/Pending further study	N/A
M-37 (East Beltline)	North of Lake Eastbrook Boulevard	M-21 (E. Fulton Street)	Monitor traffic operations/Operational improvements, ITS/ Pending further study	N/A
M-37 (East Beltline)	M-11 (28th Street)	Lake Eastbrook Boulevard	Access management and pedestrian/Vulnerable Road User (VRU) crossing improvements	N/A
M-37 (Alpine Avenue)	I-96	6 Mile Road	Corridor study/Operational improvements, and access management/Pending further study and coordination with Walker and Alpine Township studies	N/A
M-44 (Northland Drive)	M-44 Connector (Plainfield Ave)	West River Drive	Monitor traffic operations/Operational improvements, ITS/Pending further study	N/A
M-44 (East Beltline)	Knapp Street	M-44 Connector (Plainfield Avenue)	Monitor traffic operations/Operational improvements, ITS/Pending further study	N/A
M-44 Connector (Plainfield Ave)	I-96	M-44 (East Beltline)	Access management and operational analysis; possible pedestrian improvements/Pending further study	N/A
M-57	US-131	Greenville	Monitor traffic operations, operational improvements/Pending further study	N/A

* Estimates include applicable preservation costs along with improvement costs

Other Unfunded state and local Projects/Studies/Needs

1. Regional Rail Freight Study
2. East Beltline Transit Feasibility Study
3. North Kent County Freight Access Study
4. Development of Land Use Model
5. WMX - Holland to Grand Rapids transit service
6. Grand Rapids-Detroit/Chicago Rail Passenger Service-Alternative Analysis

Grand Valley Metropolitan Council 2050 Metropolitan Transportation Plan

GVMC Illustrative Nonmotorized Needs List

Approved July 19th, 2023

About GVMC

The Grand Valley Metropolitan Council (GVMC) is the Metropolitan Planning Organization (MPO) for Kent and eastern Ottawa Counties. MPOs provide a comprehensive transportation planning and decision making process for their region which encompasses all modes of transportation and includes both short and long-range transportation planning.

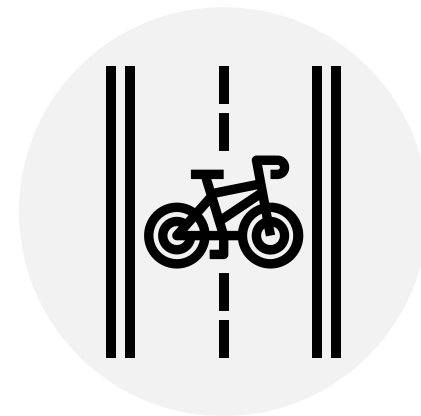
What Is the Illustrative Nonmotorized Needs List?

The GVMC Illustrative Nonmotorized Needs List is a regionwide list of nonmotorized projects developed by MPO member jurisdictions that are eligible for state or federal funding through the GVMC Transportation Improvement Program (TIP), but do not yet have allocated funding. The list is used to select nonmotorized projects for funding when developing the TIP and to determine regionwide nonmotorized needs when developing the Metropolitan Transportation Plan (MTP).

Project types included in the list are:



Off-Street Shared Use Paths



On-Street Bike Facilities



Crossing Improvements



Sidewalks

The GVMC Illustrative Nonmotorized Needs List is updated at the time of Transportation Improvement Program (TIP) development, which occurs every four years. The TIP identifies and lists all proposed transportation projects occurring in the MPO area that will be using state and federal funding over the course of four years, including nonmotorized projects.

In order for a nonmotorized project to be eligible for funding through GVMC, it must first be listed in the Illustrative Nonmotorized Needs List

The GVMC Policies and Practices Document governs the selection of regional transportation projects and how federal and state dollars will be spent through the implementation of the Metropolitan Transportation Plan (MTP) and the Transportation Improvement Program (TIP). This document is updated prior to TIP development, informed by the priorities for future investment determined in the Metropolitan Transportation Plan (MTP), the region's long range plan. The MTP Steering Committee and the Transportation Programming Study Group (TPSG) use the investment priorities to determine investment strategy, which outlines how the priorities will be addressed by fund source. This is reflected in the Policies and Practices Document.

At present, nonmotorized projects are largely funded with the following funding sources through GVMC:

Transportation Alternatives Program (TAP) Funding
Congestion Mitigation and Air Quality (CMAQ) Funding
Carbon Reduction Program (CRP) Funding

How is the List Developed and Projects Selected for Funding?

1. MPO Member Jurisdictions Submit Eligible Nonmotorized Projects
2. GVMC Staff Scores Projects Based on Committee Developed Evaluation Criteria
3. TPSG and Rural Subcommittees Use List of Scored Projects for TIP Project Selection
4. Selected Projects are Added to the Draft TIP List

The draft TIP list goes through a comprehensive approval process. More information can be found at: gvmc.org/tip

Project Scoring

In 2013, the GVMC Nonmotorized Committee created a new evaluation process for projects submitted to be included in the Illustrative Nonmotorized Needs List. The system was designed to have minimal personal influence by the rater, with the physical location of the project being the primary determining factor for each project's score. In 2021, the Committee updated the evaluation criteria to align with federal performance measures and incorporate additional factors to align with the competitive scoring process required for programming regional TAP funding. More information can be found [by clicking here](#).

In total, there are 7 factors, each with 3 possible points, for a total of 21 possible points awarded per project. The factors are as follows:



The project list, including scores by factor, can be found on the following pages

More information on the processes outlined on this page can be found on gvmc.org

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

Project Information								Scores by Factor								Cross-Jurisdictional Connections	
NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
Ada Township																	
2147	Ada, Cascade, GR Township and Kentwood Trail Connector	Hall St to Spaulding Ave	Off-Street Shared Use Path	Sharrows/Sidewalk/Shared Use Path	Ada Twp / KCRC	0.53	\$170,000	2	3	1	2	2	2	0	12	1: Project spans multiple jurisdictions including	Cascade Twp & City of Kentwood
2126	Honey Creek Trail (Ada-Cannon Conn.)	Knapp St to 4 Mile Rd	Off-Street Shared Use Path	Sidewalk	Ada Twp / KCRC	1.4	\$654,000	0	3	1	2	2	2	0	10	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 2140
2127	Knapp St Bridge	Across the Grand River	Off-Street Shared Use Path	Pedestrian Bridge	Ada Twp / KCRC	N/A	\$7,500,000	0	3	1	1	2	2	0	9		
2128	Spaulding Ave / Fulton St / Carl Dr	Ada Dr to Grand River Dr	Off-Street Shared Use Path	Sidewalk	Ada Twp / KCRC	1.61	\$820,000	2	3	2	2	1	2	0	12		
Allendale Charter Township																	
2129	68th Ave Trail	Lake Michigan Dr to North Bank Trail & Green Way Trail	Off-Street Shared Use Path	Sidewalk	Allendale Twp / OCRC	3	\$450,000	0	3	2	3	1	2	0	11		
Alpine Township																	
2149	Alpine Twp Sports Park	1850 Alpine Church St	Sidewalk	6 foot wide sidewalk loop within park & connects to elementary school	Alpine Twp	0.5	\$225,000	0	0	1	3	0	3	3	10		
1661	4 Mile Rd Shared Use Path	Peach Ridge Ave to Cordes Ave	Off-Street Shared Use Path	Shared use path on North side only	Alpine Twp / KCRC	2.0	\$1,500,000	1	3	1	3	0	2	1	11	4: Project ends at or borders jurisdictional boundary with	City of Walker
2148	4 Mile Rd Shared Use Path (Part 2)	Fruit Ridge Ave to Peach Ridge Ave	Off-Street Shared Use Path	Shared use path on north side only	Alpine Twp / KCRC	1.3	\$1,000,000	0	3	1	3	0	2	1	10	4: Project ends at or borders jurisdictional boundary with	City of Walker
2150	6 Mile Rd East of Alpine Ave (Part 1)	Alpine Ave to Rusche Dr	Sidewalk	North side of 6 Mile Rd where existing sidewalk does not exist	Alpine Twp / KCRC	0.2	\$90,000	0	2	2	3	0	2	2	11		
2151	6 Mile Rd East of Alpine Ave (Part 2)	Alpine Ave to Biddeford Dr	Sidewalk	South side of 6 Mile Rd and two segments on Torrey Pines Ave, involves installing storm sewer	Alpine Twp / KCRC	0.5	\$300,000	1	0	2	3	0	1	2	9		
1643	Alpine Ave Sidewalk (Part 1)	Chris Ln to Marlene St	Sidewalk	Sidewalk on East side only	Alpine Twp / KCRC	0.2	\$75,000	2	2	2	3	0	0	2	11		
1655	Alpine Ave Sidewalk (Part 2)	6 Mile Rd to Chris Ln	Sidewalk	Sidewalk on East side only	Alpine Twp / KCRC	0.3	\$145,000	2	2	2	3	0	0	2	11		
2152	Cordes Ave	From sidewalk terminus on south side of Henze St to Brambleberry Dr on east side of Cordes Ave	Sidewalk	Sidewalk	Alpine Twp / KCRC	0.2	\$90,000	1	2	2	3	0	2	2	12		
1656	Lamoreaux Dr Sidewalk	Alpine Ave to Westgate Dr	Sidewalk	Sidewalk on North side only	Alpine Twp / KCRC	0.4	\$180,000	3	0	2	2	0	3	3	13		
Byron Township																	
2134	76th St Trail	Railyard Dr to Byron Cener Ave	Off-Street Shared Use Path	Sidewalk	Byron Twp / KCRC	1	\$800,000	1	3	1	3	0	0	0	8		
2137	84th St Sidewalk	Burlingame to Byron Commerce Drive, connecting Downtown Byron to Douglas Walker Park to Tanger Outlet Mall	Off-Street Shared Use Path	Sidewalk	Byron Twp / KCRC	1.4	\$375,000	1	2	1	3	0	2	0	9		
2135	84th St Trail	Burlingame Ave to Existin Path in Douglas Walker Park	Off-Street Shared Use Path	Sidewalk	Byron Twp / KCRC	1	\$750,000	0	2	1	3	0	2	0	8		
2138	Burlingame Avenue Sidewalk	Planters Row Dr to 76th Street	Sidewalk	Sidewalk	Byron Twp / KCRC	1.6	\$492,000	2	1	1	3	0	0	2	9		
Caledonia Charter Township																	
1653	68th St	Cherry Valley Ave to Alaska Ave	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	1.6	\$1,530,000	0	1	1	3	0	0	3	8		
1669	76th St	Patterson Ave to Copper Corner Dr	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	1.0	\$2,000,000	1	1	1	3	0	0	3	9	4: Project ends at or borders jurisdictional boundary with	Gaines Twp

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1651	84th St	Cherry Valley to Alaska Ave	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	1.5	\$1,900,000	0	1	2	3	0	0	3	9		
1654	Cherry Valley Ave	84th St to 68th St	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	2.0	\$3,600,000	0	1	2	3	2	0	3	11		
1670	Kraft Avenue	CalPlex to 76th St	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	2.8	\$3,300,000	1	1	1	1	2	0	3	9	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Village of Caledonia: Existing Trail
1681	Patterson Avenue	76th St to 84th St	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	2.0	\$2,600,000	0	1	1	1	1	2	3	9	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Gaines Township: Existing Trail
1667	South Campau Lake Loop	Whitneyville Rd, Garbow Dr to 76th St; 76th St, Whitneyville Rd to McCords Ave; McCords Ave, 76th St to DNR Boat Launch	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	2.1	\$4,000,000	0	1	1	1	0	0	3	6		
1652	Thornapple River Dr (and Alaska Ave)	84th St to 68th St (and Park Entrance to 68th St)	Off-Street Shared Use Path	Shared Use Path	Caledonia Twp / KCRC	2.0	\$5,500,000	0	1	1	3	0	0	3	8		
Cannon Township																	
2275	Cannon Trail Connector	Luton Park (Hickory Dr) to Courtland Dr (near Meadow Ridge School)	Off-Street Shared Use Path	Sidewalk	Cannon Twp / KCRC	1.4	UNK	0	3	1	3	1	3	1	12		
2140	Honey Creek Trail (Ada-Cannon Conn.)	4 Mile Rd to Cannonsburg Rd	Off-Street Shared Use Path	Sidewalk	Cannon Twp / KCRC	1.8	\$1,700,000	0	3	1	1	2	3	1	11	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 2126
Cascade Charter Township																	
2277	Cascade Rd Bridge	Across the Thornapple River	Off-Street Shared Use Path	Separated pedestrian path on Cascade Rd bridge	Cascade Twp / KCRC	N/A	\$500,000	3	3	2	3	1	2	3	17		
2276	Cascade Rd Trail	36th St to Kenrob Dr	Off-Street Shared Use Path	Shared Use Path	Cascade Twp / KCRC	0.32	\$130,000	1	1	2	2	0	2	2	10		
2278	Laraway Lake	Cascade Rd to Cascade Farms Dr	Off-Street Shared Use Path	Shared Use Path	Cascade Twp / KCRC	0.45	\$1,150,000	2	3	2	3	1	2	3	16		
City of Grand Rapids																	
2170	Knapp St / Diamond Ave NE Intersection	N/A	Crossing Improvement	Installation of traffic signal (or half signal) to accommodate pedestrian and bicycle crossings	City of Grand Rapids	N/A	\$270,000	3	3	2	2	0	3	2	15		
1500	11th St NW Bicycle Boulevard	Garfield Ave NW to Turner Ave NW	On-Street Bike Facility	Shared traffic lanes, route signage, intersection modifications	City of Grand Rapids	1.0	\$133,840	3	2	2	2	0	3	3	15		
1501	1st/2nd St NW Separated Bicycle Facilities (South Side of I-196)	Valley Ave NW to Turner Ave NW	On-Street Bike Facility	Separated bikeway(s), including intersection modifications, signage, markings	City of Grand Rapids	1.0	\$890,000	3	2	3	3	0	3	2	16		
1576	29th St Sidewalk	Breton Ave to East City Limit	Sidewalk	Construction of sidewalk along 29th Street, including small section on north side in City of Kentwood. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.5	\$487,500	3	2	3	1	2	2	3	16	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Kentwood: Existing Sidewalk

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1577	3 Mile Rd Sidewalk (North Side)	Monroe Ave to West of Coit Ave	Sidewalk	Construction of sidewalk on north side of 3 Mile Road. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.2	\$295,625	3	2	1	2	0	2	3	13		
2230	32nd St SE Midblock Pedestrian Crossing / Traffic Calming-Streetscape	Kalamazoo Ave SE to East City Limit	Crossing Improvement	Construction of raised median and rapid flashing pedestrian crossing beacon, related curb/gutter and ADA ramp work	City of Grand Rapids	N/A	\$175,000	2	3	2	3	0	3	3	16		
1658	4 Mile Rd Bicycle Lanes	Willow Dr NE to East City Limit	On-Street Bike Facility	Bicycle lanes; signs, markings	City of Grand Rapids	1.0	\$200,000	2	0	2	3	1	3	2	13	4: Project ends at or borders jurisdictional boundary with	Plainfield Twp
2231	4th St NW Bicycle Boulevard	Valley Ave NW to Turner Ave NW	On-Street Bike Facility	Shared traffic lanes; intersection modifications	City of Grand Rapids	1.1	\$133,840	3	2	2	3	0	3	3	16		
1525	6th St NW Bicycle Lanes	Broadway Ave NW to Front Ave NW	On-Street Bike Facility	Road diet and addition of bicycle lanes; signs, markings	City of Grand Rapids	0.2	\$5,506	3	2	2	2	1	3	3	16		
2235	7th St / 8th St / 10th St / Atlantic St NW Bicycle Boulevard	Covell Rd NW to Garfield Ave NW	On-Street Bike Facility	Shared traffic lanes; intersection modifications; route signage/markings	City of Grand Rapids	1.15	\$66,424	3	2	2	3	0	3	2	15		
1645	7th St NW Bicycle Lanes	Carpenter Ave NW to Covell Rd NW	On-Street Bike Facility	Bicycle lanes - new; signs, markings	City of Grand Rapids	0.9	\$90,000	3	1	0	3	0	1	2	10		
1502	7th St Sidewalk	Collindale Ave to Covell Ave	Sidewalk	Construction of sidewalk along 7th Street. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.9	\$1,319,563	3	0	1	3	0	0	3	10		
1526	Aberdeen St / Hollywood St / Sligh Blvd NE Bicycle Lanes / Boulevard	East City Limit to Monroe Ave NW	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	2.4	\$212,837	3	2	0	3	0	3	2	13	4: Project ends at or borders jurisdictional boundary with	Grand Rapids Twp
1595	Adams St SE Bicycle Facilities	Madison Ave SE to Plymouth Ave SE	On-Street Bike Facility	Bicycle facilities, intersection modifications	City of Grand Rapids	1.7	\$48,528	3	2	2	3	0	3	2	15		
2229	Alger St SE Raised Bicycle Lanes	Madison Ave SE to Division Ave S	On-Street Bike Facility	Construction of raised bicycle lanes, including signs and markings	City of Grand Rapids	0.5	\$455,000	3	1	3	2	0	3	3	15	4: Project ends at or borders jurisdictional boundary with	City of Wyoming
1592	Alger St SE Separated Bicycle Lanes	Kalamazoo Ave SE to Plymouth Ave SE	On-Street Bike Facility	Conversion of existing buffered bicycle lanes to separated bicycle lanes	City of Grand Rapids	1.6	\$645,000	3	2	3	3	0	3	2	16		
2171	Alpine Ave / 11th St NW Pedestrian Crossing Improvements	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	2	0	3	1	13		
1503	Alten Ave NE Bicycle Lanes / Boulevard	Fulton St E to Michigan St NE	On-Street Bike Facility	Bicycle lanes, shared traffic lanes; intersection modifications; signs, markings	City of Grand Rapids	0.5	\$330,080	3	1	2	1	0	1	3	11		
2161	Ann St / Lafayette Ave NE Pedestrian Crossing Improvements (school, general)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	1	0	3	1	12		
1527	Ann St NW / NE Bicycle Lanes	Monroe Ave NE to Walker City Limits	On-Street Bike Facility	Correct existing bicycle lanes, intersection modifications; road diet between Monroe and Turner for new bicycle lanes; reconstruction of trail crossing at Elizabeth St	City of Grand Rapids	1.6	\$304,500	3	2	3	3	0	3	2	16	4: Project ends at or borders jurisdictional boundary with	City of Walker
1553	Ball Ave NE / Service Rd NE Bicycle Lanes	Leonard St NE to Plymouth Ave NE	On-Street Bike Facility	New bicycle lanes including construction of new shoulders on Service Rd NE (construction); signs, markings	City of Grand Rapids	0.9	\$90,000	3	2	2	3	0	3	2	15		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1554	Barclay Ave / Coit Ave / Matilda St NE Bicycle Lanes / Bicycle Boulevard	Lyon St NE to Clancy St NE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	0.9	\$70,748	3	1	2	1	0	3	2	12		
1555	Blaine Ave Bicycle Boulevard	Griggs St SE to Walsh St SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	1.2	\$474,590	3	2	2	3	0	3	2	15		
2197	Blaine Ave Sidewalk	Ramona St to Dickinson St	Sidewalk	Sidewalk	City of Grand Rapids		\$250,000	3	2	3	2	0	3	1	14		
1605	Boston St SE Bicycle Facilities	Fuller Ave SE to East City Limit	On-Street Bike Facility	Bicycle lanes/advisory bicycle lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	1.2	\$34,256	3	2	2	3	1	3	2	16	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of East Grand Rapids: Existing Marked Shared Lane
1622	Bradford St / Lydia St / Malta St / Short St NE Bicycle Boulevard	Coit Ave NE to Fuller Ave NE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	2.1	\$151,940	3	1	2	3	0	3	2	14		
1663	Bradford St NE Bikeway - Eastern Segment	Leffingwell Ave NE to East City Limit	On-Street Bike Facility	Bicycle facilities - to be determined; signs, markings	City of Grand Rapids	1.3	\$126,000	2	0	0	2	2	1	2	9	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Grand Rapids Twp: Existing Sidepath
2280	Bradford St NE Bikeway - Western Segment	Fuller Ave NE to Ball Ave NE	On-Street Bike Facility	Bicycle lanes or off-street trail - depends on ROW	City of Grand Rapids	0.5	\$150,000	3	1	3	3	0	3	1	14		
1839	Breton Rd / Elliott St SE Pedestrian Crossing Improvements	Breton Rd / Elliott St SE Intersection	Crossing Improvement	Construction of raised median and pedestrian hybrid beacon, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$268,500	3	2	0	3	0	3	3	14		
2210	Bridge St / Scott Ave NW Pedestrian Crossing Improvements (general/BB)	N/A	Crossing Improvement	Installation of beacon crossing treatment, some curb modifications	City of Grand Rapids	N/A	\$70,000	3	3	2	3	0	3	1	15		
2154	Buchanan Ave / Graham St SW Bikeway	Hall St SW to Graham St SW / Buchanan Ave to Ionia Ave SW	On-Street Bike Facility	Bicycle lanes, signage, shared lane markings, minor road widening	City of Grand Rapids	0.8	\$73,836	3	2	3	2	0	3	1	14		
1578	Buchanan Ave Bicycle Lanes / Bikeway	Burton St SW to Hall St SW	On-Street Bike Facility	Bicycle lanes completed in both directions meeting current design standards; shared lane and trail segment near north of Hall to Graham; signs, markings	City of Grand Rapids	1.3	\$33,408	3	2	3	2	0	3	1	14		
1637	Burritt St NW Bicycle Boulevard	Maynard Ave NW to Oakleigh Rd NW	On-Street Bike Facility	Shared traffic lanes, route signage/markings	City of Grand Rapids	1	\$16,047	3	1	2	3	0	3	2	14		
2198	Burritt St NW Sidewalk	Collindale Ave NW to Oakleigh Ave NW	Sidewalk	Construction of missing sidewalk, ramps; provides access to large neighborhood to the west and Shawmut Hills Elementary School between Collindale and Oakleigh	City of Grand Rapids	0.52	\$780,000	3	0	1	2	0	1	3	10		
2181	Burton St / Union Ave SE (General/BB)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	1	14		
2179	Burton St SE / Blaine Ave SE Intersection	N/A	Crossing Improvement	Installation of traffic signal (or half signal) to accommodate pedestrian and bicycle crossings	City of Grand Rapids	N/A	\$270,000	3	3	2	1	0	3	1	13		
1579	Burton St SE Bicycle Lanes / Pedestrian Hybrid Beacon Crossing	East Beltline to East Paris Ave	On-Street Bike Facility	Road diet on Burton St, addition of bicycle lanes; construction of midblock raised median refuge island and pedestrian hybrid beacon. Specific location TBD	City of Grand Rapids	0.8	\$308,539	3	2	2	2	2	3	2	16	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Kentwood: Existing Sidepath
1528	Caledonia St / Spencer St NE Bicycle Boulevard	N Monroe Ave / Grand River Edges Trail to Ball St NE	On-Street Bike Facility	Shared traffic lanes, route signage, intersection treatments; connector trail construction; pedestrian hybrid beacon construction at Fuller Ave NE	City of Grand Rapids	2.2	\$323,843	3	2	2	3	0	3	2	15		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2156	Carlton Ave SE / Arthur Ave NE Bicycle Boulevard	Fulton St E to Lyon St NE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	0.6	\$74,996	3	1	2	1	0	3	2	12		
1627	Carrier Creek Trail / Union Ave NE Trail Connection	Coldbrook St NE to Union Ave NE	Off-Street Shared Use Path	Trail construction on existing footpaths; signs, markings	City of Grand Rapids	0.5	UNK	3	3	3	1	0	3	1	14		
1504	Century Ave / Ellsworth SW Separated Bicycle Facilities - Northern Segment	Grandville Ave SW to RR Crossing south of Logan St SW	On-Street Bike Facility	Separated bike facilities, intersection modifications, signs, markings	City of Grand Rapids	0.4	\$240,000	3	2	3	2	0	3	3	16		
1580	Century Ave Sidewalk	Hall St to Franklin St	Sidewalk	Construction of sidewalk along Century Avenue on west side. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.5	\$501,667	3	2	3	2	0	3	3	16		
1529	Century Ave SW Separated Bicycle Facilities - Southern Segment	Sheridan Ave SW to Burton SW	On-Street Bike Facility	Separated bicycle facilities; signs, markings; intersection modifications	City of Grand Rapids	1.6	\$700,000	3	1	3	2	0	3	3	15		
2188	Cesar E Chavez Ave SW / Cordelia St SW Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	3	16		
2189	Cesar E Chavez Ave SW / Stolpe St SW Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	3	16		
1530	Cherry St SE Bicycle Lanes	LaGrave Ave SE to Lake Dr SE	On-Street Bike Facility	Bicycle lanes ; signs, markings	City of Grand Rapids	1.1	\$44,370	3	2	2	2	0	3	3	15		
1639	Clancy St / Cedar St / Union Ave NE Bicycle Lanes/Bicycle Boulevard	Leonard St NE to Matilda St NE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	1.0	\$70,748	3	1	2	2	0	3	2	13		
2199	Clyde Park Ave Sidewalk	Baylis St to north of Wisconsin	Sidewalk	0.05 miles of sidewalk and retaining wall on east side of Clyde Park.	City of Grand Rapids	0.1	\$75,000	3	2	3	2	0	3	3	16	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Wyoming: Existing Sidewalk
2200	Clyde Park Ave Sidewalk Infill & Crossing Improvement	Belfield St SW to Kirtland St SW	Sidewalk	Construction of missing sidewalk and needed retaining walls on East side; crossing treatments to facilitate ped crossing across Clyde Park (transit access, bicycle system connectivity between GR and Wyoming)	City of Grand Rapids	0.13	\$200,000	3	2	3	2	0	3	3	16	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Wyoming: Existing Sidewalk
2220	Coit Ave Bicycle Lanes	Oakwood Ave NE to Plainfield Ave NE	On-Street Bike Facility	Bicycle lanes, shared lanes, signs, pavement markings, intersection modifications including mini roundabout Guild St NE	City of Grand Rapids	1.5	\$223,989	3	2	2	3	0	3	2	15		
1531	Coit Ave Sidewalk	Sligh Blvd to 3 Mile Rd	Sidewalk	Construction of sidewalk along Coit Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.2	\$295,625	3	2	1	3	0	0	3	12		
N/A	Complete ADA Sidewalk Ramp Upgrades	Various	ADA Sidewalk Ramp	ADA Sidewalk Ramp with bulbouts (1,450 ramps)	City of Grand Rapids		\$4,000,000	N/A	N/A	1	1	N/A	1	2	5		
1624	Cottage Grove St / Union Ave SE Bicycle Boulevard	Buchanan Ave SE to Eastern Ave SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	2.5	\$79,511	3	2	2	2	0	3	2	14		
2175	Covell Rd / Milford St NW Pedestrian Crossing Improvements (school)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	0	3	0	1	1	11		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2174	Covell Rd / Tremont Blvd NW Pedestrian Crossing Improvements (trail/school/general)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	1	1	2	0	1	1	9		
1617	Crescent St Corridor Phase II	Division Ave / Crescent St Intersection to Ottawa Ave	Off-Street Shared Use Path	Streetscape Improvements - Pedestrian connectivity including brick pavement, landscaping (water quality elements), lighting.	City of Grand Rapids	0.1	\$1,178,100	3	3	3	1	0	3	1	14		
1581	Crescent St NE Bicycle Boulevard	Ransom St NE to Diamond Ave NE	On-Street Bike Facility	Shared traffic lanes, signage, markings, intersection modifications	City of Grand Rapids	1.0	\$70,748	3	1	2	1	0	3	2	12		
1664	Dean Lake Ave NE Bicycle Lanes	Knapp St NE to Aberdeen St NE	On-Street Bike Facility	Bicycle lanes; signs, markings	City of Grand Rapids	0.5	UNK	1	0	0	2	0	3	2	8	4: Project ends at or borders jurisdictional boundary with	Grand Rapids Twp
1532	Delaware/Commons/Alexander Bicycle Boulevard	Ionia Ave SW to East City Limit	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	2.2	\$383,859	3	1	2	3	1	3	2	15	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of East Grand Rapids: Existing Marked Shared Lane
1600	Diamond Ave SE / NE - Spring Ave NE Bicycle Facilities	Sherman St SE to 3 Mile Rd NE	On-Street Bike Facility	Bicycle lanes, shared traffic lanes, separated bikeways; intersection modifications	City of Grand Rapids	4.3	\$152,016	3	2	2	3	0	3	2	15		
1533	Division Ave N Linear Park	I-196 to Mason St	On-Street Bike Facility	Construction of two-way bikeway and linear park. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.4	\$833,333	3	1	3	1	0	3	2	13		
1626	Division Ave Phase II	Oakes St to Fulton St	Sidewalk	Streetscape Improvements on Division Avenue - Including ornamental lighting, sidewalk, landscaping.	City of Grand Rapids	0.2	\$1,000,000	3	0	3	2	0	3	3	14		
1912	Division Ave S / Andre St SE Pedestrian Hybrid Beacon Crossing	Division Ave/ Andre St	Crossing Improvement	Construction of PHB, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$374,850	3	3	2	2	1	3	3	17		
2221	Division Ave S / Banner-Melville St SE Pedestrian Hybrid Beacon Crossing	Division Ave / Banner-Melville St	Crossing Improvement	Construction of PHB, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$230,000	3	3	2	2	1	3	2	16		
2222	Division Ave S / Dickinson St SE Pedestrian Hybrid Beacon Crossing	Division Ave / Dickinson St	Crossing Improvement	Construction of PHB, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$230,000	3	3	2	1	1	3	2	15		
2223	Division Ave S / Rose St SE Pedestrian Hybrid Beacon Crossing	Division Ave / Dickinson St	Crossing Improvement	Construction of PHB, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$230,000	3	3	2	1	1	3	2	15		
1608	Eastern Ave / Portland Ave NE Bicycle Lanes	Cherry St SE to Spencer St NE	On-Street Bike Facility	Construction of bicycle lanes, shared traffic lanes; intersection modifications; trail segment	City of Grand Rapids	2.1	\$450,000	3	2	2	3	0	3	2	15		
1607	East-West Rail-with-Trail - Grand Rapids Segment	Bradford St NE to East City Limit	Off-Street Shared Use Path	Construction of a new rail-with-trail that parallels significant sections of the Michigan St corridor and I-196. Intersection crossing, signage, markings	City of Grand Rapids	3.8	\$2,247,700	3	3	3	3	2	3	1	18	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 2256
2201	Edison Park Ave NW Sidewalk	Lake Michigan Dr NW to Sibley St NW	Sidewalk	Construction of missing sidewalk, ramps; provides access to large neighborhood to the south and Holy Spirit Church/School and transit along Lake Michigan Dr to the north.	City of Grand Rapids	0.41	\$615,000	2	2	1	3	0	1	3	12		
2178	Elmridge Dr NW Bicycle Lanes	Richmond St NW to Walker City Limits	On-Street Bike Facility	Bicycle lanes - new; signs, markings	City of Grand Rapids	1.2	\$21,085	1	2	0	3	2	3	2	13	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Walker: Existing Paved Shoulder

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2190	Fremont Ave / Milwaukee Ave Bicycle Boulevard	Bridge St NW to 11th St NW	On-Street Bike Facility	Shared traffic lanes, route signage/ markings, intersection modifications; connector trail widening to I-196 tunnel	City of Grand Rapids	0.9	\$107,380	3	2	3	2	0	3	2	15		
2236	Front Ave SW Bicycle Lanes and Transit Access Improvements	Butterworth St to Wealthy St	On-Street Bike Facility	Bicycle lanes; intersection modifications	City of Grand Rapids	0.35	\$112,500	3	2	2	2	1	3	3	16		
2233	Fuller Ave / Cedar St NE Pedestrian Hybrid Beacon Crossing	Fuller Ave / Cedar St NE Intersection	Crossing Improvement	Construction of PHB, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$151,390	3	3	2	2	0	3	2	15		
1914	Fuller Ave / Spencer St NE Pedestrian Hybrid Beacon Crossing	Fuller Ave / Spencer St Intersection	Crossing Improvement	Construction of PHB, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$151,390	3	3	2	1	0	3	2	14		
2215	Fuller Ave NE / Northlawn St NE Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	0	3	0	1	2	12		
2169	Fulton St E / Eastern Ave NE Offset Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatments	City of Grand Rapids	N/A	\$108,000	3	3	2	1	0	3	2	14		
2163	Fulton St E / Fitzhugh Ave Pedestrian Crossing Improvements (general/FSFM)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	1	0	3	1	13		
1915	Fulton St E / Gay Ave NE Pedestrian Hybrid Beacon Crossing	Fulton St / Gay Ave NE Intersection	Crossing Improvement	Construction of PHB, related curb/gutter and ADA work	City of Grand Rapids	N/A	\$151,390	3	3	2	1	0	3	3	15		
2172	Fulton St W / Garfield Ave NW Pedestrian Crossing Improvements (BB/general/bus)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	1	0	3	1	12		
1560	Garfield Ave SW/NW Bicycle Boulevard	Wealthy St SW Fulton St; 2nd St to Richmond St NW	On-Street Bike Facility	Shared traffic lanes, signage, markings, intersection modifications	City of Grand Rapids	2.6	\$228,809	3	2	2	3	0	3	2	15		
2155	Giddings Ave / Ethel Ave SE Bicycle Boulevard	MLK St SE to Wealthy St SE	On-Street Bike Facility	Bicycle lanes (one-way on each street); signage, pavement markings; three traffic circles	City of Grand Rapids	0.9	\$139,326	3	1	2	2	0	3	3	14		
1613	Giddings Ave SE - Burton to MLK	Burton Ave SE to MLK St SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	2.6	\$58,217	3	2	2	3	1	3	3	17		
1612	Grand Ave / Hake St NE Bicycle Boulevard	Lyon St NE to Diamond Ave SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	0.7	\$82,325	3	1	2	2	0	3	2	13		
2016	Grand River Edges (East)	Under Ann St Bridge to Riverside Trailhead	Off-Street Shared Use Path	Shared Use Path	City of Grand Rapids	0.1	\$1,387,200	2	3	3	1	2	3	3	17		
2015	Grand River Edges (East)	Leonard St Bridge Underpass	Off-Street Shared Use Path	Shared Use Path	City of Grand Rapids	0.1	\$1,382,200	3	3	3	1	2	3	3	18		
1537	Grand River Edges Trail (East) - Phase III	Fulton St to Wealthy St (with connection to Oxford St Trail and Kent Trails)	Off-Street Shared Use Path	Bicycle and Pedestrian Path - Includes a 12-foot wide path, lighting, ornamental fence, rest areas with a concrete overlook, benches, and landscaping. Flood protection improvements are proposed and may be incorporated into the project at additional cost. This Grand River Edges Trail project is integrated at various levels with the River Restoration Project.	City of Grand Rapids	0.8	\$10,560,000	3	3	3	2	2	3	1	17		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1561	Grand River Edges Trail (West)	GVSU Front St Parking Lot (Watson Lot) to Pearl St	Off-Street Shared Use Path	Bicycle and Pedestrian Path - Improvements on the west bank of the Grand River, including bicycle and pedestrian path under West Fulton bridge, ramps, overlooks; landscaping, retaining wall, furnishings. Flood protection improvements are proposed and may be incorporated into the project at additional cost. This Grand River Edges Trail project is integrated at various levels with the River Revitalization Project and the GR FORWARD DOWNTOWN AND RIVER ACTION PLAN (2015) and THE RIVER FOR ALL GRAND RIVER CORRIDOR - IMPLEMENTATION PLAN AND RIVER TRAIL DESIGN GUIDELINES (2018)	City of Grand Rapids	0.4	\$19,008,000	3	2	3	3	2	3	3	19		
1538	Griggs St SW / SE, Elliott St SE, Sylvan Ave SE, Englewood Ave SE Bicycle Blvd	Steele Ave SW to Breton Rd SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings; pedestrian hybrid beacon	City of Grand Rapids	3.9	\$848,794	3	2	2	3	1	3	3	17	1: Project spans multiple jurisdictions including	City of Grand Rapids & City of East Grand Rapids
1508	Hall St SE Bicycle Lanes	Madison Ave to Jefferson St SE	On-Street Bike Facility	Bicycle lanes; intersection treatments; signs, markings	City of Grand Rapids	0.4	\$70,114	3	2	2	2	0	3	3	15		
1562	Hall St SW Bicycle Lanes	Freeman Ave SW to US-131 Cut-off/Shamrock	On-Street Bike Facility	Bicycle lanes, signs, markings	City of Grand Rapids	0.9	\$31,024	3	1	2	2	0	3	2	13	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Wyoming: Existing Standard Bike Lane
1647	Hampshire / Norfolk / Woodcliff / Woodlawn Bicycle Boulevard	Burton St SE to East City Limit	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings; new trail segment on Hampshire between Woodlawn and Ridgewood (500 LF)	City of Grand Rapids	1.6	\$84,000	3	0	3	2	0	3	2	13	4: Project ends at or borders jurisdictional boundary with	City of East Grand Rapids
1509	Hastings St Non-Motorized Path - Phase 3 of 3	Livingston Ave to Division Ave	Off-Street Shared Use Path	This project is part of the MICHIGAN STREET CORRIDOR PLAN (2015) and the GR FORWARD PLAN (2015) and CITY OF GRAND RAPIDS BICYCLE ACTION PLAN (2019). Bicycle and Pedestrian Path - Project scope includes a 12 ft wide non-motorized pathway/elevated walkway with railing; ornamental lighting, retaining wall; landscaping; and site furniture.	City of Grand Rapids	0.5	\$25,000,000	3	3	3	1	1	3	1	15		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1563	Highland Park Trail	College Ave to Grand Ave	Off-Street Shared Use Path	A connector trail route through Highland Park that will provide trail continuity from the Grand River Edges Trail to the Hastings St NM Path and the city's east bike and sidewalk network. The proposed project is part of the larger Highland Park Improvements and is identified in the CITY OF GRAND RAPIDS PARKS AND RECREATION STRATEGIC MASTER PLAN (2017).	City of Grand Rapids	0.4	\$1,689,600	3	3	3	1	0	3	3	16		
2238	Highland Park Trail Connection under I-196	Harlan Ave NE to Lloyd Peterson Way (Highland Park)	Off-Street Shared Use Path	Rail with trail connection under I-196 connecting street/sidewalk network and Highland Park	City of Grand Rapids	0.3	\$375,000	3	3	3	2	0	3	1	15		
1638	Indian Mill Creek Trail	Alpine Ave NW to Walker Ave NW	Off-Street Shared Use Path	Construction of new multi-use trail primarily along a former rail bed; intersection crossings; signage, markings	City of Grand Rapids	1.5	\$2,240,000	3	3	3	3	2	3	1	18	1: Project spans multiple jurisdictions including	City of Grand Rapids & City of Walker
1623	Indian Village Bicycle Boulevard Network - Alger, Barfield, Birchcrest, Chesaning, Menominee, Mulford, Okemos, Onkama, Saginaw, Shawnee, Village, Woodcliff, Woodlawn, Woodmeadow	Plymouth Ave SE to Burton St SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	4.0	\$322,950	3	1	2	3	0	3	2	14	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 2089
2157	Ionia Ave Bicycle Lanes	Fulton St W to Martin Luther King St SW	On-Street Bike Facility	Bicycle lanes; shared traffic lanes; intersection treatments;	City of Grand Rapids	1	\$52,464	3	2	3	2	0	3	3	16		
1564	Ionia Ave SE / SW Separated Bicycle Facilities	Lyon St NE to Fulton St W	On-Street Bike Facility	Separated bikeway(s); signage, intersection modifications; pavement markings	City of Grand Rapids	0.3	\$252,000	3	1	3	1	0	3	3	14		
1583	Ionia Ave SW Bicycle Boulevard / Trail	Franklin St SW to Stevens St SW	On-Street Bike Facility	Shared traffic lanes, signage, markings, intersection modifications; trail segment construction	City of Grand Rapids	0.8	\$102,376	3	2	3	2	0	3	2	15		
1539	Jefferson Ave SE Bicycle Boulevard / Bicycle Lanes / Traffic Calming / Pedestrian Crossings	Alger St SE to Logan St SE	On-Street Bike Facility	Bicycle lanes; shared traffic lanes; intersection treatments; traffic calming	City of Grand Rapids	2.4	\$273,660	3	2	2	2	0	3	2	14		
2180	Kalamazoo Ave / Evergreen St SW (School)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	2	0	3	1	13		
2208	Kalamazoo Ave SE Midblock Crossing	Between Alger St SE and 28th St SE	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	1	14		
2158	Kalamazoo Ave SE / Griggs Ave SE Pedestrian / Bicycle Crossing	N/A	Crossing Improvement	Installation of traffic signal to accommodate pedestrian and bicycle crossings	City of Grand Rapids	N/A	\$270,000	3	2	2	2	0	3	2	14		
1594	Kalamazoo Ave SE Bicycle Lanes / Separated Bicycle Facilities	Burton St SE to 44th St SE	On-Street Bike Facility	Separated bicycle facilities; signs, markings	City of Grand Rapids	3.0	\$1,462,500	3	2	3	3	2	3	1	17	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Kentwood: Existing Trail & Existing Sidepath
1606	Ken-O-Sha Neighborhood Bicycle Boulevard Network - Eastern, 33rd, Brooklyn, Van Auken, Poinsettia, Giddings, Millbrook, Eastbrook, Dawes, Chamberlain, Kentridge	32nd St SE to 44th St SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings, trail segment; rapid flashing beacon crossing	City of Grand Rapids	2.7	\$291,330	3	1	2	3	0	3	2	14	4: Project ends at or borders jurisdictional boundary with	City of Kentwood and City of Wyoming

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1511	Kirtland St SW Pedestrian Hybrid Beacon / Pedestrian Crossing	Kirtland St / Buchanan Ave	Crossing Improvement	Removal of standard traffic signal; relocation of crossing to midblock location; construction of pedestrian hybrid beacon	City of Grand Rapids	N/A	\$216,490	3	2	2	2	0	3	2	14		
2164	Lafayette Ave / Creston Plaza NE Intersection (general/park)	N/A	Crossing Improvement	Installation of beacon crossing treatment, curb extensions	City of Grand Rapids	N/A	\$75,000	3	3	2	2	0	3	1	14		
1604	Lafayette Ave NE / SE Bicycle Facilities	Hastings St NE to Hall St SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	2.1	\$145,980	3	2	2	2	0	3	2	14		
1565	Lafayette Ave NE Bicycle Facilities	Plainfield Ave NE to Barnett St NE	On-Street Bike Facility	Bicycle lanes, shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	0.5	\$48,660	3	2	2	2	0	3	2	14		
2182	Lake Dr / Carlton Ave SE Intersection	N/A	Crossing Improvement	Installation of traffic signal to accommodate pedestrian and bicycle crossings	City of Grand Rapids	N/A	\$270,000	3	2	2	1	0	3	3	14		
1584	Lake Dr SE Bicycle Lanes and Pedestrian Crossing Improvements	Fulton St E to Genesee St SE	On-Street Bike Facility	Add new and upgrade existing bicycle lanes, intersection modifications, pedestrian crossing improvements at Dwight Ave, Calkins	City of Grand Rapids	1.2	\$150,000	3	2	2	1	1	3	3	15		
1566	Lake Dr Sidewalk	Lake Drive 715 feet East of Woodshire Drive to E. Beltline Avenue	Sidewalk	Construction of sidewalk along Lake Drive. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.2	\$680,833	2	2	2	2	1	3	3	15	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of East Grand Rapids: Existing Sidewalk
2202	Langley St SE / Oak Park Dr / Plymouth Ave SE Sidewalk Infill	Kendall St SE to 44th St SE	Sidewalk	Construction of missing sidewalks, ramps; provides access to many apartments, transit at Kalamazoo and 44th St.	City of Grand Rapids	0.77	\$1,500,000	3	2	3	3	0	3	3	17	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Kentwood: Existing Sidewalk
1618	Leffingwell Ave Trail / Underpass / Bicycle Lanes	Oak Industrial Dr NE to North city limit	Off-Street Shared Use Path	Trail, underpass structure, bicycle lanes; signs, markings	City of Grand Rapids	1.2	\$840,000	3	3	2	3	1	3	1	16	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Grand Rapids Township: Existing Sidepath
2212	Leonard Ave NW / Maplegrove Dr NW Pedestrian Crossing Improvements	N/A	Crossing Improvement	Installation of beacon crossing treatment, raised median	City of Grand Rapids	N/A	\$70,000	3	3	0	3	0	1	1	11		
2165	Leonard St / Carlton Ave NE Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	3	0	3	1	15		
2166	Leonard St / Penn Ave NE Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	1	0	3	1	13		
2219	Louis St NW Bicycle Lanes	Monroe Ave NW to Ionia Ave NW	On-Street Bike Facility	Remove turn lane, add new bicycle lanes; add green intersection boxes	City of Grand Rapids	0.3	\$32,262	3	1	2	1	0	3	2	12		
2159	Lyon St NE Bicycle Boulevard	Diamond Ave NE to Plymouth Ave NE	On-Street Bike Facility	Shared traffic lanes, route signage, intersection treatments; ped hybrid beacon at Fuller; trail widening near Fuller Park	City of Grand Rapids	1	\$154,000	3	1	3	3	0	3	3	16		
1540	Lyon St NE Separated Bicycle Facilities	Division Ave N to Diamond Ave NE	On-Street Bike Facility	Separated bikeway(s); shared traffic lanes, route signage, intersection treatments; bicycle signals	City of Grand Rapids	1.5	\$658,000	3	2	3	1	0	3	3	15		
2183	Madison Ave / Delaware St SE (General/BB)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	2	0	3	3	15		
2184	Madison Ave / Griggs-Dickinson (General/BB)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	2	0	3	3	15		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2218	Madison Ave SE Bicycle Lanes	Hall St SE to Adams St SE	On-Street Bike Facility	Bicycle lanes - new segment; signs, markings	City of Grand Rapids	0.3	\$60,200	3	2	2	2	0	3	2	14		
1586	Madison Ave Sidewalk	Colrain Street to 28th Street (west side)	Sidewalk	Construction of sidewalk along Madison Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.1	\$125,417	3	2	3	2	2	3	3	18	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Wyoming: Existing Sidewalk
2203	Martin Ave SE Sidewalk Infill	Winchell St SE to Burton St SE	Sidewalk	Construction of missing sidewalk along west side of Martin Ave; adjacent to senior and immigrant housing/support services, near planned new LIHTC housing development	City of Grand Rapids	0.18	\$250,000	3	2	3	1	0	3	3	15		
2185	Martin Luther King St St / Benjamin Ave SE (School/Park)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	2	0	3	3	15		
1507	Martin Luther King St SW Bicycle Lanes Upgrades/Modifications	Division Ave S to Oakland St SW	On-Street Bike Facility	Bicycle lanes, shared traffic lanes; intersection modifications	City of Grand Rapids	0.6	\$34,077	3	2	3	2	0	3	3	16		
2168	Maryland Ave / Oak Industrial Dr NE Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	1	3	0	1	2	13		
1599	Maryland Ave NE Bicycle Lanes	Fulton St E to Leonard St NE	On-Street Bike Facility	Bicycle lanes - new and widening of existing segments; signs, markings	City of Grand Rapids	1.5	\$378,000	3	1	1	3	0	3	2	13	4: Project ends at or borders jurisdictional boundary with	City of East Grand Rapids
1512	Maryland Ave Sidewalk	Fulton Street to Michigan St	Sidewalk	Construction of sidewalk along Maryland Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.5	\$698,750	3	2	2	3	0	1	3	14		
2193	Maynard Ave NW Bicycle Lanes/Trail (TBD)	Brownwood Ave NW to Walker City Limit	On-Street Bike Facility	Bicycle lanes/shoulders OR trail (TBD)	City of Grand Rapids	0.9	\$150,000	3	1	2	3	0	3	1	13	4: Project ends at or borders jurisdictional boundary with	City of Walker
1587	McKee Ave SW / Kirtland St SW Bicycle Facilities	Clyde Park Ave SW to Buchanan Ave SW	On-Street Bike Facility	Shared traffic lanes, trail, signs, markings	City of Grand Rapids	0.8	UNK	3	1	3	3	0	3	3	16	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 2268
1513	Michigan St / Bridge St NW Separated Bicycle Lanes and Monroe Ave Bicycle Lanes (Michigan to I-196 overpass)	Monroe Ave NW to Mount Vernon Ave NW	On-Street Bike Facility	Separated bicycle lanes, bicycle lanes, signage, markings, intersection modifications	City of Grand Rapids	0.6	\$163,700	3	2	3	3	0	3	1	15		
2162	Michigan St / Grand Ave NE Pedestrian Crossing Improvements (general)	N/A	Crossing Improvement	Installation of beacon crossing treatment, curb extensions	City of Grand Rapids	N/A	\$75,000	3	3	2	2	0	3	1	14		
2217	Michigan St / Houseman Ave NE Pedestrian Crossing Improvements (general)	N/A	Crossing Improvement	Installation of beacon crossing treatment, curb extensions	City of Grand Rapids	N/A	\$75,000	3	3	2	2	0	3	1	14		
2167	Michigan St / Lakeside Dr NE Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	1	3	0	1	1	12		
2214	Michigan St Midblock Crossing	Between Fuller and Baynton Ave NE	Crossing Improvement	Installation of beacon crossing treatment, raised median	City of Grand Rapids	N/A	\$85,000	3	3	2	1	0	1	1	11		
1541	Michigan St Sidewalk	Maryland Ave to Leffingwell Ave	Sidewalk	Construction of sidewalk along Michigan Street. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.5	\$559,896	3	2	2	3	0	1	3	14		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2216	Monroe Ave NW midblock crossing near Veteran's Home/Riverside Park	South of Veteran's Home Driveway across Monroe Ave NW	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	1	2	0	3	1	13		
1588	Monroe Ave Sidewalk	Guild St to Riverside Park Dr	Sidewalk	Sidewalk along west side of Monroe Avenue, ramp construction, crossing improvements. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.9	\$376,200	3	2	1	1	0	3	3	13		
1514	Mount Vernon Ave NW Separated Bicycle Facilities	Fulton St W to Bridge St NW	On-Street Bike Facility	Two-way separated bikeway with intersection signaling, signage, markings	City of Grand Rapids	0.5	\$620,000	3	2	3	3	0	3	3	17		
2160	N Division Ave / Plainfield Ave Bicycle Lanes	Coldbrook St NE to Carrier St NE	On-Street Bike Facility	Bicycle lanes, intersection treatments	City of Grand Rapids	0.7	\$64,000	3	2	2	2	0	3	3	15		
1611	N Division Ave Separated Bicycle Lanes / Plainfield Ave Bicycle Lanes	Crescent St NE to Coldbrook St NE	On-Street Bike Facility	Separated bicycle lanes, signs, markings; Rapid Flashing Beacon crossing at Fairbanks St NW	City of Grand Rapids	1.2	UNK	3	2	3	1	0	3	3	15		
1568	Neland Ave SE Bicycle Boulevard	Hall St SE to Logan St SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings, trail segment at Joe Taylor Park	City of Grand Rapids	0.9	\$64,000	3	2	2	3	0	3	2	15		
1542	Nelson, Otilia, Union, Hoyt, Andre, Aurora, Francis, Cutler Bicycle Boulevard and Trail	Alger St SE to Buchanan Ave SW	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings, trail segment at Burton Woods Park	City of Grand Rapids	2.8	\$413,097	3	2	3	3	0	3	2	16		
2192	Nixon / 10th / Brownwood Bicycle Boulevard	Leonard St NW to Maynard Ave NW	On-Street Bike Facility	Shared traffic lanes, route signage/ markings	City of Grand Rapids	0.7	\$1,698	3	1	2	3	1	3	2	15	1: Project spans multiple jurisdictions including	City of Grand Rapids & City of Walker
1629	Norwood Ave SE Sidewalk Infill	Lake Dr SE to 250' N of Logan St SE	Sidewalk	Construction of missing sidewalk; closure of long defunct driveway apron	City of Grand Rapids	0.1	\$124,500	3	2	3	1	0	3	3	15		
1544	Oakes St SW / SE Bicycle Lanes	Market Ave SW to Jefferson St SE	On-Street Bike Facility	Bicycle lanes; intersection treatments/ modifications, possible bicycle signal at Division	City of Grand Rapids	0.5	\$84,631	3	2	2	2	0	3	2	14		
2224	Oakleigh Ave / Richmond Ave NW Pedestrian / Bicycle Crossing	N/A	Crossing Improvement	Installation of beacon crossing treatment, possible curb line changes/refuge median	City of Grand Rapids	N/A	\$15,000	1	3	0	3	0	1	2	10		
1545	Oakleigh Ave Shared Use Path	Leonard St to Richmond St	Off-Street Shared Use Path	Construction of a shared use path along Oakleigh Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.5	\$1,500,000	3	3	1	3	0	1	1	12		
1546	Oakleigh Ave Sidewalk	Lake Michigan Dr to Leonard St	Sidewalk	Construction of sidewalk along Oakleigh Avenue. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.9	\$1,276,563	3	2	1	2	0	1	3	12		
1609	Oxford Trail Access Switchback Upgrades	Oxford Trail to Chestnut St SW	Off-Street Shared Use Path	Modifications to existing Oxford Trail overpass to address multi-user access, safety and ADA	City of Grand Rapids	0.1	\$37,500	3	2	3	2	1	3	1	15		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1630	Park / Elmdale / Lambert Lake NE Bicycle Lanes/Boulevard	Monroe Ave N to East City Limit	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings, bicycle lanes	City of Grand Rapids	1.5	\$116,785	3	1	2	3	2	3	2	16	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Walker: Existing Sidepath
2237	Park St / Watson St SW Bicycle Boulevard	John Ball Park Ave to Lexington Ave SW	On-Street Bike Facility	Shared traffic lanes; intersection modifications; route signage/markings	City of Grand Rapids	1.2	\$326,810	3	1	2	2	1	3	3	15		
1591	Paul Henry Trail Extension	44th St to Eastern Ave	Off-Street Shared Use Path	Non-Motorized Path - Includes a 12-foot wide non-motorized path, lighting, fencing, furnishings, landscaping, and intersection improvements.	City of Grand Rapids	1.5	\$6,336,000	3	3	3	3	2	3	1	18	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Kentwood: Existing Trail
1516	Pearl St NW Separated Bicycle Facilities	Division Ave N to Lake Michigan Dr NW	On-Street Bike Facility	Separated bicycle lanes, bicycle signals, signs, markings	City of Grand Rapids	0.6	\$400,000	3	2	3	3	1	3	2	17		
1517	Pedestrian/Bicycle Pathway Tunnel	From existing eastside river walkway north of I-196 to Eastward to Bond Ave, and then south under I-196 through abandoned railroad tunnel, to Monroe and Ottawa Ave	Off-Street Shared Use Path	Repurpose an abandoned railroad tunnel for pedestrian/non-motorized use with connections to Monroe Ave, Bond Ave, and Ottawa Ave. The 1,750' path starts at River Edges Trail north of the I-196 freeway; goes east to Hastings Street; north of I-196 to Bond; turns south through the tunnel under I-196; then branches west to Monroe and east to Ottawa and Michigan.	City of Grand Rapids	0.3	\$1,280,000	3	3	3	1	1	2	1	14		
2226	Perkins Ave NE Midblock Crossing to Ball Perkins Park	Between Terrace South and High Bluff	Crossing Improvement	Installation of beacon crossing treatment, possible curb line changes/refuge median	City of Grand Rapids	N/A	\$75,000	2	3	0	3	0	3	3	14		
2225	Plainfield Ave NE / Carrier St NE Pedestrian Crossing	N/A	Crossing Improvement	Installation of beacon crossing treatment, possible curb line changes/refuge median	City of Grand Rapids	N/A	\$75,000	3	3	2	1	0	3	1	13		
N/A	Planning Study: Extension of Plaster Creek Trail	Planning Study Only - East of the trailhead in Ken-O-Sha Park to east city limits, between Eastern and 28th Street, and west of Buchanan to Grand River	N/A	Planning Study - Shared Use Path	City of Grand Rapids	N/A	\$70,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
1547	Plaster Creek Trail	Buchanan Ave to Century Ave	Off-Street Shared Use Path	New Multi-Use Trail extending current trail to Century Ave. bikeway	City of Grand Rapids	1.2	\$5,068,800	3	3	3	2	2	3	1	17	1: Project spans multiple jurisdictions including	City of Grand Rapids / City of Wyoming
1569	Plaster Creek Trail	1,500' west of Kalamazoo Avenue to East City line	Off-Street Shared Use Path	New Multi-Use Trail	City of Grand Rapids	1.6	\$5,000,000	3	3	3	3	2	3	2	19	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 2046
2194	Plaster Creek Trail	Eastern Ave to 28th St	Off-Street Shared Use Path	Multi-use trail including underpass and/or at-grade crossing at 28th Street	City of Grand Rapids	0.4	\$2,450,000	3	3	3	1	1	3	3	17	4: Project ends at or borders jurisdictional boundary with	City of Wyoming
2228	Plymouth Ave SE Bicycle Lanes	Alger St SE to 200' north of Burton St SE	On-Street Bike Facility	Bicycle lanes, signs	City of Grand Rapids	0.6	\$21,378	3	2	2	3	0	3	3	16		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1570	Plymouth Ave Trail Extension	Leonard St to Knapp St	Off-Street Shared Use Path	New Multi-Use Trail through Ball Perkins Park - connecting the bike facility in Plymouth Ave (south of Leonard) to Knapp St. Also connecting to existing paths in the park to provide access to Ball Ave. and Perkins Ave.	City of Grand Rapids	0.9	\$3,801,600	3	3	3	3	0	3	3	18		
1619	Ransom Ave NE Bicycle Lanes, Pedestrian Crossing Improvements (Library St)	Crescent St NE to Fulton St E	On-Street Bike Facility	Bicycle lanes - new, revisions to existing lanes; curb extension(s) and RFB for at Library	City of Grand Rapids	0.4	\$101,141	3	1	2	1	0	3	3	13		
1628	Richmond St NW Bicycle Lanes	Garfield Ave NW to McReynolds Ave NW	On-Street Bike Facility	Bicycle lanes - new; signs, markings	City of Grand Rapids	0.6	UNK	3	2	2	3	0	3	2	15		
2234	Richmond St NW Bicycle Lanes	Covell Rd NW to Garfield Ave NW	On-Street Bike Facility	Widen existing bicycle lanes (too narrow)	City of Grand Rapids	1.0	\$150,000	2	2	2	3	0	3	1	13		
1644	Richmond St NW Bicycle Lanes or Trail (TBD)	Covell Rd NW to Elmridge Dr NW	On-Street Bike Facility	Bicycle lanes - new; signs, markings	City of Grand Rapids	0.6	\$189,000	1	2	0	3	1	1	2	10	4: Project ends at or borders jurisdictional boundary with	City of Walker
2173	Richmond St NW/ Seward Trail Pedestrian Crossing Improvements (trail)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	1	2	0	3	1	13		
1519	Richmond St Sidewalk	Oakleigh Ave to Walker Ave	Sidewalk	Construction of sidewalk infill along Richmond Street. This project supports the vision, goals and objectives (connectivity) of the City of Grand Rapids VITAL STREETS PLAN (2016)	City of Grand Rapids	0.3	\$286,667	1	2	1	3	0	1	3	11		
2204	Ridgewood Ave SE Sidewalk	Burton St SE north to city limit with East Grand Rapids	Sidewalk	Construction of missing sidewalks, ramps; provides direct access to Our Savior School.	City of Grand Rapids	0.5	\$750,000	3	2	2	1	1	3	3	15	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of East Grand Rapids: Existing Sidewalk
2177	Seward Ave / 11th St NW Pedestrian Crossing Improvements (general/BB)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	1	0	3	1	13		
2176	Seward Ave / 4th St NW Pedestrian Crossing Improvements (general/BB)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	1	14		
2211	Seward Ave / 6th St or 7th St NW Pedestrian Crossing Improvements (general)	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	2	15		
2187	Seward Ave / Douglas St SW Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	2	2	3	0	3	1	14		
1572	Sheridan Ave SW / Caulfield Ave SW Bicycle Boulevard / Contraflow Bike Lane	Martin Luther King St to Hall St SW	On-Street Bike Facility	Shared traffic lanes, bicycle lanes, signs, marking, signal reconstruction/addition of bicycle signals	City of Grand Rapids	0.9	\$146,883	3	1	2	2	0	3	2	13		
1521	Sherman St / Pleasant St / Buckley St Bicycle Boulevard	East Grand Rapids City Limit to Ionia Ave SW	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	2.2	\$390,940	3	1	2	2	1	3	3	15	4: Project ends at or borders jurisdictional boundary with	City of East Grand Rapids
1610	Sparks Dr SE Separated Bicycle Lanes	Lake Eastbrook Blvd SE to East Paris Ave SE	On-Street Bike Facility	Raised bicycle lanes or physically separated bike lanes	City of Grand Rapids	0.3	\$255,000	3	1	3	3	0	3	2	15	4: Project ends at or borders jurisdictional boundary with	City of Kentwood
1636	Steele Ave SW Bicycle Lanes	Stevens St SW to Burton St SW	On-Street Bike Facility	Bicycle lanes; short trail connections to adjacent streets, signs, markings	City of Grand Rapids	0.9	\$75,000	3	1	2	2	0	3	2	13		
1548	Stocking Ave NW Bicycle Lanes	Bridge St NW to Walker Ave NW	On-Street Bike Facility	Bicycle lanes - new; signs, markings	City of Grand Rapids	0.6	\$48,930	3	2	2	3	0	3	2	15		
1621	Straight Ave NW Bicycle Boulevard	Wealthy St SW to Bridge St NW	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	1.0	\$90,887	3	2	2	2	1	3	2	15		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1603	Straight Ave Trail Connection to Oxford Trail	Wealthy St SW to Oxford Trail north of Grand River	Off-Street Shared Use Path	Removal of existing Oxford Trail segment intersecting Wealthy and construction of new segment north from trail to Straight Ave/Wealthy St intersection	City of Grand Rapids	0.2	\$45,000	3	3	3	2	1	3	2	17		
1549	Tamarack Ave / NW Bicycle Boulevard	11th St NW to Thornapple Ct NW	On-Street Bike Facility	Shared traffic lanes, route signage/ markings, intersection modifications	City of Grand Rapids	1.1	\$90,887	3	1	3	3	0	3	2	15		
1573	Turner Ave Separated Bicycle Facilities	Ann St to Walker City Limits	On-Street Bike Facility	Separated bikeway/lanes intersection signaling, signage, markings	City of Grand Rapids	0.2	\$42,500	2	1	3	2	1	2	2	13	4: Project ends at or borders jurisdictional boundary with	City of Walker
2191	Turner Ave Separated Bicycle Facilities	Richmond St NW to Ann St NW	On-Street Bike Facility	Upgrade buffered bike lanes to separated bike lanes/bikeway	City of Grand Rapids	0.3	\$63,750	2	2	3	2	2	2	2	15		
1574	Union Ave SE / NE Bicycle Lanes	Lyon St NE to Martin Luther King St SE	On-Street Bike Facility	Bicycle lanes - new; signs, markings	City of Grand Rapids	1.3	\$22,000	3	2	3	2	1	3	2	16		
2206	Union Ave SE Bicycle Boulevard	Martin Luther King St SE to Hall St SE	On-Street Bike Facility	Shared traffic lanes, route signage/ markings	City of Grand Rapids	0.5	\$9,400	3	2	2	2	0	3	1	13		
2213	Walker Ave / Pine St NW Pedestrian Crossing Improvements	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	1	14		
2195	Walker Ave Separated Bikeway - GR Segment	West of Richmond to Leonard	On-Street Bike Facility	Separated trail; separated bike lanes on each side of Walker (TBD)	City of Grand Rapids	1.2	\$1,798,246	3	3	3	3	3	3	2	20	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 1602
2153	Walsh St SE Bicycle Boulevard	Union Ave SE to Brooklyn Ave SE	On-Street Bike Facility	Shared traffic lanes, intersection modifications, signage, pavement markings	City of Grand Rapids	0.6	\$139,920	3	1	2	3	0	3	2	14		
1524	Wealthy St SW Bicycle Lanes / Separated Bicycle Lanes	Cesar E Chavez Ave SW to Butterworth St SW	On-Street Bike Facility	Separated bicycle lanes; bicycle lanes; intersection modifications	City of Grand Rapids	1	\$58,750	3	2	3	2	1	3	2	16		
2186	Wealthy St SW/ Straight Ave SW Intersection	N/A	Crossing Improvement	Installation of beacon crossing treatment	City of Grand Rapids	N/A	\$54,000	3	3	2	2	0	3	3	16		
2205	Winchell St SE Sidewalk Infill	Union Ave SE to Martin Ave SE	Sidewalk	Construction of missing sidewalk along north side of Winchell St; near to senior and immigrant housing/support services, planned new LIHTC housing development. Completes walk connection to Seymour Square business area on Eastern Ave to east.	City of Grand Rapids	0.15	\$250,000	3	2	3	1	0	3	3	15		
City of Hudsonville																	
2001	Buttermilk Creek Pathway	Prospect St to Oak St	Off-Street Shared Use Path	Shared Use Path	City of Hudsonville	0.29	\$1,109,000	2	3	2	2	0	3	2	14		
2002	Buttermilk Trail	Balsam Dr to Sunrise Park	Off-Street Shared Use Path	Shared Use Path	City of Hudsonville	0.6	\$861,000	2	2	1	2	0	1	2	10	4: Project ends at or borders jurisdictional boundary with	Georgetown Twp
2004	Buttermilk Trail	New Holland St to Highland Dr	Off-Street Shared Use Path	Shared Use Path	City of Hudsonville	0.35	\$342,000	2	3	2	2	1	3	2	15		
2003	Chicago Dr (South Side)	40th Ave to 32nd Ave	Off-Street Shared Use Path	Sidewalk	City of Hudsonville	1.07	\$583,000	2	3	2	2	0	3	2	14	4: Project ends at or borders jurisdictional boundary with	Georgetown Twp
City of Kentwood																	
2258	44th / Walnut Hills	44th St / Walnut Hills	Crossing Improvement	Hawk Ped Hybrid Beacon	City of Kentwood	N/A	\$71,220	3	3	2	3	0	3	3	17		
2266	48th / Marlette	48th / Marlette	Crossing Improvement	Hawk Ped Hybrid Beacon	City of Kentwood	N/A	\$71,220	2	3	2	1	0	3	3	14		
2050	48th St Trail	Eastern to Poinsettia Street	On-Street Bike Facility	Bike Lanes/Shared Lanes/Sidewalk Gaps	City of Kentwood	UNK	UNK	3	1	3	2	0	3	1	13		
2260	52nd / Primrose	52nd / Primrose	Crossing Improvement	RectangularRapid Beacon	City of Kentwood	N/A	\$32,220	3	3	2	3	0	3	3	17		
2024	52nd St Corridor Trail	Bailey's Grove Dr to East Paris	On-Street Bike Facility	Bike Lanes/Sharrows	City of Kentwood	0.42	\$10,000	1	1	1	1	0	3	1	8		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2025	52nd St Corridor Trail	East Paris to Broadmoor	On-Street Bike Facility	Bike Lanes/Sharrows	City of Kentwood	0.63	\$15,000	2	1	1	1	0	3	1	9		
2026	52nd St Corridor Trail	Broadmoor to Patterson	On-Street Bike Facility	Bike Lanes/Sharrows	City of Kentwood	0.38	\$10,000	1	2	1	1	1	3	1	10	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Cascade Twp: Existing Paved Shoulder
2027	52nd St Trail	Plaster Creek Trail to Bailey's Grove Dr	Off-Street Shared Use Path	Shared Use Path/Bike Lanes/Shared Lanes	City of Kentwood	N/A	\$100,000	1	2	1	1	1	3	1	10		
2028	52nd St Trail	Breton to Plaster Creek Trail	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	UNK	\$525,000	2	2	2	1	1	3	1	12		
2259	Breton / Stanaback	Breton and Stanaback Park Trail	Crossing Improvement	Hawk Ped Hybrid Beacon	City of Kentwood	N/A	\$71,220	3	2	0	3	0	3	3	14		
2062	Breton Trail	Paul Henry Trail to 52nd	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.56	\$132,000	1	3	2	1	3	2	2	14	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Gaines Twp: Existing Trail
2049	Broadmoor Trail	Patterson to 32nd St	Off-Street Shared Use Path	Shared Use Path/Wide Shoulder	City of Kentwood	UNK	UNK	3	2	3	2	0	3	1	14	4: Project ends at or borders jurisdictional boundary with	Cascade Twp
2263	Division / 43rd	Division / 43rd	Crossing Improvement	Hawk Ped Hybrid Beacon	City of Kentwood	N/A	\$71,220	3	3	2	2	0	3	3	16		
2264	Division / Montebello	Division / Montebello	Crossing Improvement	Hawk Ped Hybrid Beacon	City of Kentwood	N/A	\$71,220	3	3	2	1	0	3	3	15		
1680	East Paris to Calvin University Connection	East Paris to Calvin University	Off-Street Shared Use Path	Shared Use path	City of Kentwood	0.3	\$132,500	3	3	3	2	2	3	1	17	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 1579 + Existing Sidewalk
2265	Eastern / Springwood	Eastern / Springwood	Crossing Improvement	RectangularRapid Beacon	City of Kentwood	N/A	\$32,220	3	3	2	2	0	3	3	16		
2020	Eastern Ave Trail	44th to 60th Streets	On-Street Bike Facility	Bike Lanes/shared lanes	City of Kentwood	0.78	\$60,000	3	1	2	3	1	3	1	14	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Gaines Twp: Existing Paved Shoulder
2102	East-West Trail	Lamberts Park through Fisheries Park	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.77	\$300,000	2	3	1	1	0	3	1	11		
2099	East-West Trail- Lamberts Park	Walma Avenue, 2600 feet East	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.57	\$65,000	3	3	2	1	0	3	1	13		
2041	Forest Creek Dr / Consumers Energy Trail	East Paris to Patterson	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	1	\$200,000	3	3	2	1	1	2	2	14	4: Project ends at or borders jurisdictional boundary with	Cascade Twp
2262	Forest Hill / Orchard Cr / Hall	Forest Hill / Orchard Cr / Hall	Crossing Improvement	Hawk Ped Hybrid Beacon	City of Kentwood	N/A	\$71,220	2	3	0	1	0	3	3	12		
2040	Forest Hill Trail Bridge	At I-96	Off-Street Shared Use Path	Pedestrian Bridge	City of Kentwood	UNK	\$3,000,000	2	3	1	2	2	2	3	15		
2261	Kalamazoo / E-W Trail	Kal / E-W Trail	Crossing Improvement	Hawk Ped Hybrid Beacon	City of Kentwood	N/A	\$71,220	2	2	2	1	0	3	3	13		
2042	Lake Eastbrook Blvd	28th to 32nd	On-Street Bike Facility	Bike Lanes	City of Kentwood	0.5	\$65,000	3	1	2	3	2	2	0	13	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Grand Rapids Twp: Existing Sidepath
2037	Patterson Avenue Trail - I	28th St to Burton St	Off-Street Shared Use Path	Sidepath	City of Kentwood	0.48	\$66,000	3	2	1	3	1	3	1	14	4: Project ends at or borders jurisdictional boundary with	Cascade Twp
2036	Patterson Avenue Trail - II	36th St to 28th St	Off-Street Shared Use Path	Sidepath	City of Kentwood	1	\$132,000	3	2	1	2	1	3	1	13	4: Project ends at or borders jurisdictional boundary with	Cascade Twp
2035	Patterson Avenue Trail - III	44th St to 36th St	Off-Street Shared Use Path	Sidepath	City of Kentwood	1	\$132,000	2	2	1	2	1	3	1	12	4: Project ends at or borders jurisdictional boundary with	Cascade Twp
2034	Patterson Avenue Trail - IV	52nd St to 44th St	Off-Street Shared Use Path	Sidepath	City of Kentwood	1	\$132,000	2	2	1	1	1	3	1	11	4: Project ends at or borders jurisdictional boundary with	Cascade Twp
2039	Patterson Trail Crossing	28th St	Crossing Improvement	Refuge Island	City of Kentwood	N/A	\$60,000	3	2	1	3	1	3	1	14		
2032	Plaster Creek Trail	44th St to Shaffer	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	1.31	\$250,000	2	3	2	3	1	3	2	16		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2033	Plaster Creek Trail	Shaffer to Stanaback Park	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.84	\$85,000	2	3	1	3	1	3	2	15		
2046	Plaster Creek Trail	Bretton to West City Limits	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.43	\$85,000	3	3	2	3	3	2	2	18	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 1569
2105	Plaster Creek Trail	44th To 52nd Streets	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	1.03	\$250,000	2	3	2	1	1	3	2	14		
2106	Plaster Creek Trail	Paris Park Dr Extended to 52nd St	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.88	\$250,000	1	3	2	1	2	3	2	14		
2107	Plaster Creek Trail	Stanaback Park to Cross Creek Condos	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	UNK	UNK	3	2	1	3	1	3	2	15	4: Project ends at or borders jurisdictional boundary with	City of Grand Rapids
2089	Ridgemoor Trail	28th St to N City Limits	Off-Street Shared Use Path	Bike Lanes/Shared Lanes/Sidewalk	City of Kentwood	0.32	\$80,000	3	3	3	1	2	3	2	17	3: Project ends at jurisdictional boundary and connects to another illustrative project with the listed NM ID	NM ID: 1623 + Existing Sidewalk
2043	Saddleback Trail	East Paris to Shaffer along 32nd St	Off-Street Shared Use Path	Sidewalk	City of Kentwood	1	\$132,000	2	2	3	2	1	3	2	15		
2044	Saddleback Trail	Patterson to Woodland Creek Apartments	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.84	\$132,000	3	3	2	2	1	3	2	16	4: Project ends at or borders jurisdictional boundary with	Cascade Twp
2045	Saddleback Trail	Woodland Creek Apartments to East Paris	Off-Street Shared Use Path	Shared Use Path	City of Kentwood	0.63	\$96,000	2	3	2	2	1	3	2	15		
2031	Shaffer Trail	32nd to 44th St	On-Street Bike Facility	Bike Lanes/Shared Lanes	City of Kentwood	1.5	\$45,000	3	1	2	3	1	3	2	15		
2257	Wing Ave	52nd St to 60th St	Sidewalk	Sidewalk	City of Kentwood	1	\$400,000	1	2	2	1	1	3	3	13	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Gaines Twp: Existing Trail
City of Walker																	
1646	Priority #1: Fred Meijer Standale / Pioneer Trail Connector	Current Standale Trail terminus (3 Mile and Kinney) east to Fruit Ridge; and Fruit Ridge from 3 Mile north to Fred Meijer Pioneer Trail (cost does not include trail on the Fruit Ridge bridge over I-96; trail will be installed on the bridge as part of the recently funded bridge widening project)	Off-Street Shared Use Path	Connect 2 regional trails over I-96 at Fruit Ridge Avenue	City of Walker/MDOT	0.5	\$1,000,000	1	3	2	1	3	3	3	16		
1677	Priority #2: Bristol Sidewalk - Northridge to Fred Meijer Pioneer Trail	Bristol, from Northridge south to Fred Meijer Pioneer Trail (3 Mile)	Sidewalk	Build sidewalk on west side of 3 Mile to connect Northridge with Fred Meijer Pioneer Trail	City of Walker	0.4	\$600,000	1	2	1	3	1	3	3	14		
1908	Priority #3: Regional Trail Network - Mid-block Crossing Enhancements	Five locations: See Below	Crossing Improvement	Provide consistent signal control, crossing islands, and warning signage for 5 midblock crossings on regional trail network	City of Walker	N/A	\$500,000										
1908	Regional Trail Network - Mid-block Crossing Enhancements	Mid-block Crossing Enhancements: Fred Meijer Standale Trail at Remembrance	Crossing Improvement	Provide consistent signal control, crossing islands, and warning signage	City of Walker	N/A	Totaled Above	2	2	1	2	1	1	3	12		
1908	Regional Trail Network - Mid-block Crossing Enhancements	Mid-block Crossing Enhancements: Fred Meijer Standale Trail at Leonard	Crossing Improvement	Provide consistent signal control, crossing islands, and warning signage	City of Walker	N/A	Totaled Above	3	2	1	3	1	1	3	14		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
1908	Regional Trail Network - Mid-block Crossing Enhancements	Mid-block Crossing Enhancements: Fred Meijer Standale Trail at Sunset Hills	Crossing Improvement	Provide consistent signal control, crossing islands, and warning signage	City of Walker	N/A	Totaled Above	1	2	1	1	1	3	3	12		
1908	Regional Trail Network - Mid-block Crossing Enhancements	Mid-block Crossing Enhancements: Fred Meijer Standale Trail at O'Brien and Maynard	Crossing Improvement	Provide consistent signal control, crossing islands, and warning signage	City of Walker	N/A	Totaled Above	0	2	1	1	1	3	3	11		
1908	Regional Trail Network - Mid-block Crossing Enhancements	Mid-block Crossing Enhancements: Kinney Trail at Kinney and Waldorf	Crossing Improvement	Provide consistent signal control, crossing islands, and warning signage	City of Walker	N/A	Totaled Above	1	2	2	1	1	3	3	13		
1602	Priority #4: Walker Ave Trail - 3 Mile to Leonard	Walker Ave, from Fred Meijer Pioneer Trail (3 Mile) to Leonard	Off-Street Shared Use Path	Construction of a non-motorized path along Walker Ave. This is a collaborative project between City of Walker, City of Grand Rapids, and Meijer Corporation. The proposed project supports the CITY OF GRAND RAPIDS BICYCLE ACTION PLAN (2019)	City of Walker / City of Grand Rapids	2.3	\$2,850,000	3	3	3	3	3	3	3	21	1: Project spans multiple jurisdictions including	City of Walker & City of Grand Rapids
City of Wyoming																	
2109	28 West Place / Hook Ave - Pedestrian Bridge	Hook Ave & 28th St Intersection	Off-Street Shared Use Path	Pedestrian Bridge	City of Wyoming	N/A	\$5,498,000	3	3	3	3	0	2	2	16		
2114	28th St / Jenkins Ave - Pedestrian Bridge	28th St & Jenkins Avenue Intersection	Off-Street Shared Use Path	Pedestrian Bridge	City of Wyoming	N/A	\$5,498,000	3	1	3	3	1	2	2	15		
2273	52nd St / Canal Sidepath Rehab	Clyde Park to Canal to NCL	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	5	\$1,800,000	3	2	3	2	0	2	2	14		
2272	56th St Sidepath Rehab	Ivanrest Ave to Kenowa	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	2	\$1,000,000	2	2	1	1	0	2	2	10	4: Project ends at or borders jurisdictional boundary with	Georgetown Twp
2269	Grace Christian to Plaster Ck	Grace Christian to Clyde Park/Burton	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	1	\$1,500,000	3	3	3	3	1	2	2	17	4: Project ends at or borders jurisdictional boundary with	City of Grand Rapids
2274	Ivanrest Sidepath Rehab	NCL to SCL	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	2	\$1,000,000	2	2	2	1	0	2	2	11		
2270	Kelvinator Trail	Burton St to Chicago Dr	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	0.62	\$1,500,000	3	3	3	2	0	2	2	15	4: Project ends at or borders jurisdictional boundary with	City of Grand Rapids
2271	Michael Ave Bike Boulevard	Prairie Parkway to 28th St	On-Street Bike Facility	Shared Use Path	City of Wyoming	0.25	\$800,000	3	2	3	3	1	2	2	16		
2112	Pinery Park to Grace Christian	Grace Christian to Dehoop, Along Dehoop to Pinery Park	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	0.61	\$1,423,250	3	2	3	3	0	2	2	15		
2019	Pinery Park to Hook Ave	28th St & Hook Ave to Pinery Park	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	0.42	\$1,845,625	3	3	3	2	0	2	2	15		
2111	Pinery Park to Porter St	Pinery Park to Porter St & Burlingame Ave	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	0.52	\$1,591,875	3	3	3	2	0	2	2	15		
2268	Pinery Pk to Clyde Park	Pinery Pk to Clyde Park	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	1.25	\$1,100,000	3	2	3	3	0	2	2	15	4: Project ends at or borders jurisdictional boundary with	City of Grand Rapids
2267	Prairie Pkwy to Hook (Pedestrian Bridge)	Prairie Parkway to 28th West Place	Off-Street Shared Use Path	Shared Use Path	City of Wyoming	0.2	\$250,000	3	3	3	3	0	2	2	16		
Courtland Township																	
2141	Myers Lake Trail	10 Mile Rd to 12 Mile Rd	Off-Street Shared Use Path	Sidepath	Courtland Twp / KCRC	2.5	\$685,014	0	1	2	2	0	2	0	7	4: Project ends at or borders jurisdictional boundary with	Cannon Twp
Gaines Charter Township																	
2143	Township Trail (Electric Transmission ROW)	Gaines Township population Center to the Dutton Spur connecting to the Paul Henry Trail	Off-Street Shared Use Path	Shared Use Path	Gaines Twp / KCRC	0.3	\$2,500,000	2	3	2	3	2	3	1	16		

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2142	Brewer Park / Prairie Wolf Park Connector	Connection between the two parks	Off-Street Shared Use Path	Shared Use Path	Gaines Twp /KCRC	3.5	\$2,000,000	0	1	1	2	1	3	1	9		
Georgetown Charter Township																	
2281	36th Ave Connector	Harrison St / Apio Cir to 42nd Ave / Riester St	Off-Street Shared Use Path	Connecting Allendale and Hudsonville through Georgetown Township	Georgetown Township	6.2	\$2,618,880	2	3	3	3	2	3	1	17	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Hudsonville: Existing Trail
Jamestown Charter Township																	
2006	32nd Ave Sidepath	From Riley to Quincy St	Off-Street Shared Use Path	Sidepath	Jamestown Twp / OCRC	1	\$800,000	1	3	2	1	1	0	2	10	2: Project ends at jurisdictional boundary and connects to the listed existing facility	City of Hudsonville: Existing Sidepath
2007	32nd Ave Sidepath	From Riley to Forest Grove Elementary (Perry St)	Off-Street Shared Use Path	Sidepath	Jamestown Twp / OCRC	2	\$1,600,000	1	1	2	1	0	2	2	9		
1671	8th Ave	Quincy St to Jackson St	Off-Street Shared Use Path	Sidepath	Jamestown Twp / OCRC	1.1	\$715,000	0	1	2	3	0	0	1	7	4: Project ends at or borders jurisdictional boundary with	Georgetown Twp
2008	Angling Rd Connector	Quincy, Angling Rd, Jackson, 8th Ave, Barry St, to Kenowa Ave	On-Street Bike Facility	Paved Shoulder	Jamestown Twp / OCRC	3.75	\$169,000	0	2	1	3	1	0	2	9	1: Project spans multiple jurisdictions including	Jamestown Twp & Georgetown Twp
1662	Jackson St	8th Ave to Kenowa Ave	Off-Street Shared Use Path	Sidepath	Jamestown Twp / OCRC	1.0	\$670,000	1	1	2	3	0	2	2	11	4: Project ends at or borders jurisdictional boundary with	Byron Twp, City of Wyoming, Georgetown Twp
1678	Perry St	Jamestown Shores Ct. to 32nd Ave	Sidewalk	Sidewalk	Jamestown Twp / OCRC	0.8	\$330,000	0	0	1	1	0	2	2	6		
1674	Quincy St	Angling Rd to 8th Ave	Off-Street Shared Use Path	Sidepath	Jamestown Twp / OCRC	1.6	\$1,035,000	1	3	1	3	1	0	1	10		
1675	Ransom St	8th Ave to Kenowa Ave	Off-Street Shared Use Path	Sidepath	Jamestown Twp / OCRC	1.0	\$675,000	0	1	2	3	0	0	1	7	4: Project ends at or borders jurisdictional boundary with	Byron Twp
Kent County																	
1551	Fallasburg Covered Bridge	Bridge	Off-Street Shared Use Path	Bridge Preservation	Kent County	0.1	\$200,000	0	1	1	2	0	0	0	4		
Kent County Parks																	
2243	Grand River Greenway Trail - North Section	Cannonsburg and Townsend Park Trail Connection	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	2	\$2,000,000	0	3	1	3	3	3	2	15		
2246	Grand River Greenway Trail - North Section	White Pine Trail to Northland Dr	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	2.08	\$3,053,800	2	3	1	3	2	3	2	16		
2247	Grand River Greenway Trail - North Section	Northland Dr to Egypt Valley	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	3.79	\$4,003,800	1	3	2	3	3	1	2	15	1: Project spans multiple jurisdictions including	Cannon Twp & Plainfield Twp
2249	Grand River Greenway Trail - North Section	City of Lowell to Lowell Regional Park and Fairgrounds	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	4.5	\$4,500,000	0	3	1	2	3	1	2	12		
2251	Grand River Greenway Trail - North Section	Egypt Valley to 3 Mile Rd	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	4	\$4,926,970	0	3	1	3	3	3	2	15	1: Project spans multiple jurisdictions including	Ada Twp & Cannon Twp
2252	Grand River Greenway Trail - North Section	Chief Hazy Cloud to Roselle Park Bridge	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	UNK	\$5,500,000	0	3	1	1	3	3	2	13		
2253	Grand River Greenway Trail - North Section	Bailey / Vergennes to Alden Nash and Existing Trail	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	4.22	\$5,959,000	1	3	1	3	3	3	2	16	1: Project spans multiple jurisdictions including	Ada Twp & Vergennes Twp
2242	Grand River Greenway Trail - South Section: Rails with Trail	River St, Bronson St to Thornapple River Dr	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	0.09	\$55,000	1	3	1	2	3	1	2	13		
2244	Grand River Greenway Trail - South Section: Rails with Trail	Utility Right of Way, M21 to Ada Drive	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	0.98	\$2,072,000	2	3	2	1	3	3	2	16	1: Project spans multiple jurisdictions including	Ada Twp & Grand Rapids Twp
2245	Grand River Greenway Trail - South Section: Rails with Trail	Lowell Footbridge to Grand River Valley Rail Trail	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	3.9	\$2,410,000	1	3	1	2	3	1	2	13	1: Project spans multiple jurisdictions including	City of Lowell & Lowell Twp

**GVMC Illustrative Nonmotorized Needs List
(Approved 7/19/2023)**

NM ID	Job Name	Job Limits	Facility Type	Description	Agency	Length (Miles)	Total Estimated Cost	Mode Shift	Connectivity / Continuity	Safety	ADA / Accessibility	Regional vs Local Facility	EJ / Sensitive Environmental Resources	Support, Readiness, and Maintenance	Total Project Score	Code	Comment
2248	Grand River Greenway Trail - South Section: Rails with Trail	Legacy Park to McGaw Park Trail	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	1.23	\$4,415,000	1	3	1	2	3	1	2	13		
2254	Grand River Greenway Trail - South Section: Rails with Trail	Railroad Right of Way, McGaw Park Trail to Lowell Footbridge	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	5.2	\$6,025,000	0	3	1	2	3	3	2	14	1: Project spans multiple jurisdictions including	Cascade Twp & Lowell Twp
2256	Grand River Greenway Trail - South Section: Rails with Trail	Railroad Right of Way, River Edges Pathway to Spaulding / M21	Off-Street Shared Use Path	Shared Use Path	Kent County Parks	7.58	\$8,900,000	3	3	3	3	3	3	2	20	1: Project spans multiple jurisdictions including	City of Grand Rapids & Grand Rapids Twp
Lowell Charter Township / Vergennes Township																	
2009	Fred Meijer Flat River Valley Rail Trail I	Railroad Corridor From Foreman Road North and East to the County Line	Off-Street Shared Use Path	Shared Use Path	Lowell Twp / Vergennes Twp / KCRC	8.46	\$2,312,840	2	2	2	2	3	3	3	17	1: Project spans multiple jurisdictions including	Lowell Twp, Vergennes Twp, & Grattan Twp
MDOT																	
2145	M-44/M-37 NM Facility on Bridge	Over I-96	Off-Street Shared Use Path	NM Facility on existing bridge	MDOT	UNK	UNK	2	3	2	3	2	0	0	12		
2146	US-131 Pedestrian Tunnel	Over Webster	Off-Street Shared Use Path	Pedestrian tunnels	MDOT	UNK	\$5,000,000	2	2	3	2	0	2	0	11		
2279	US-131 Pedestrian Tunnel	Over 10th St	Off-Street Shared Use Path	Pedestrian tunnels	MDOT	UNK	\$5,000,000	3	2	3	2	0	2	0	12		
Plainfield Charter Township																	
1668	10 Mile Trail	Belmont Ave to Premier Park	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	0.9	\$815,000	0	3	2	3	0	2	3	13	4: Project ends at or borders jurisdictional boundary with	Algoma Twp
1633	4 Mile Sidewalk	4 Mile, Dean Lake Ave Gap	Sidewalk	Sidewalk	Plainfield Twp / KCRC	0.3	\$100,000	2	0	2	2	1	2	3	12	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Plainfield Twp: Existing Sidewalk
1640	Ada Trail	Grand River Dr, East Beltline to 5 Mile Rd	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	2.6	\$2,315,000	1	3	2	3	0	2	3	14		
1631	Beltline Trail	West River Dr to 4 Mile (GR Township Connector)	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	2.5	\$1,250,000	2	3	2	3	2	2	3	17	2: Project ends at jurisdictional boundary and connects to the listed existing facility	Grand Rapids Township: Existing Sidepath
1665	Comstock Park Trail Phase 1	Pine Island, West River Dr to 6 Mile Rd to Division Ave	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	2.0	\$1,000,000	2	3	1	3	1	2	3	15	4: Project ends at or borders jurisdictional boundary with	Alpine Twp
1648	Comstock Park Trail Phase 2	Pine Island, 6 Mile Rd to Post Dr	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	3.2	\$2,000,000	1	1	2	3	0	0	3	10		
1641	North Grand River Trail	North Side of Grand River, White Pine Trail to Northland Dr	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	2.7	\$2,125,000	2	3	2	3	1	2	3	16		
1659	North Rogue River Trail	Rogue River Rd to Rogue River Park (KCPR) and White Pine Trail	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	1.9	\$1,400,000	2	1	1	3	1	2	3	13		
1649	Northland Trail	West River Dr to M44 (Cannon Township Connector)	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	2.1	\$1,375,000	2	3	2	3	0	2	3	15	4: Project ends at or borders jurisdictional boundary with	Cannon Twp
1642	Northview Trail	Hunsberger Ave, Plainfield Ave to Airway St	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	0.8	\$440,000	2	2	2	3	0	0	3	12		
1650	Post Dr Trail	Pine Island Dr to Jupiter Ave North Trail	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	1.9	\$940,000	1	1	2	2	1	2	3	12		
1666	Premier Park Trail	10 Mile Rd through Premier Park to White Pine Trail	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	0.8	\$625,000	0	1	2	3	1	2	3	12	4: Project ends at or borders jurisdictional boundary with	Algoma Twp
1625	South Grand River Trail	Coit Ave, Jupiter Ave to Versluis Park	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	2.0	\$1,000,000	2	3	2	3	0	2	3	15		
1632	South Rogue River Trail	Jupiter Ave to Northland Dr	Off-Street Shared Use Path	Shared Use Path	Plainfield Twp / KCRC	1.7	\$2,375,000	2	3	1	3	1	2	3	15		

2050 MTP Illustrative Transit Projects

Project	Jurisdiction	Facility Type	Conceptual Improvement	Est Total Cost
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2024	\$ 472,807
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2025	\$ 502,434
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2026	\$ 492,807
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2027	\$ 502,434
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2028	\$ 512,483
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2029	\$ 522,732
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2030	\$ 533,187
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2031	\$ 543,851
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2032	\$ 554,728
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2033	\$ 565,822
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2034	\$ 577,139
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2035	\$ 588,682
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2036	\$ 600,455
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2037	\$ 612,464
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2038	\$ 624,714
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2039	\$ 637,208
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2040	\$ 649,952
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2041	\$ 662,951
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2042	\$ 676,210
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2043	\$ 689,734
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2044	\$ 703,529
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2045	\$ 717,599
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2046	\$ 731,951
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2047	\$ 746,590
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2048	\$ 761,522
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2049	\$ 776,753
Miscellaneous Capital Needs	ITP/The Rapid	Transit	Miscellaneous Capital Needs in 2050	\$ 792,288
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2024	\$ 200,000
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2025	\$ 2,700,000
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2026	\$ 2,700,000
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2027	\$ 200,000

Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2028	\$ 1,508,492
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2029	\$ 1,583,916
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2030	\$ 1,663,112
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2031	\$ 1,746,267
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2032	\$ 1,833,581
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2033	\$ 1,925,260
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2034	\$ 2,021,523
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2035	\$ 2,122,599
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2036	\$ 2,228,729
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2037	\$ 2,340,165
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2038	\$ 2,457,174
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2039	\$ 2,580,032
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2040	\$ 2,709,034
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2041	\$ 2,844,486
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2042	\$ 2,986,710
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2043	\$ 3,136,046
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2044	\$ 3,292,848
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2045	\$ 3,457,490
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2046	\$ 3,630,365
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2047	\$ 3,811,883
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2048	\$ 4,002,477
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2049	\$ 4,202,601
Facility Expansion/Maintenance	ITP/The Rapid	Transit	Facility Expansion/Maintenance in 2050	\$ 4,412,731
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2024	\$ 8,176,165
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2025	\$ 8,616,420
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2026	\$ 6,000,000
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2027	\$ 6,000,000
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2028	\$ 9,404,183
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2029	\$ 9,592,266
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2030	\$ 9,784,111
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2031	\$ 9,979,794
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2032	\$ 10,179,390
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2033	\$ 10,382,977
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2034	\$ 10,590,637

Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2035	\$ 11,014,262
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2036	\$ 11,234,548
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2037	\$ 11,459,239
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2038	\$ 11,688,423
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2039	\$ 11,922,192
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2040	\$ 12,160,636
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2041	\$ 12,403,848
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2042	\$ 12,651,925
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2043	\$ 12,904,964
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2044	\$ 13,163,063
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2045	\$ 13,426,324
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2046	\$ 13,694,851
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2047	\$ 13,968,748
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2048	\$ 14,248,123
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2049	\$ 14,533,085
Replacement of fixed-route buses	ITP/The Rapid	Transit	Replacement of fixed route buses in 2050	\$ 14,823,747
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2025	\$ -
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2026	\$ -
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2027	\$ -
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2028	\$ 1,000,000
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2029	\$ 1,000,000
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2030	\$ 1,000,000
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2031	\$ 1,000,000
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2032	\$ 1,000,000
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2033	\$ 1,020,000
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2034	\$ 1,040,400
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2035	\$ 1,061,208
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2036	\$ 1,082,432
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2037	\$ 1,104,081
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2038	\$ 1,126,162
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2039	\$ 1,148,686
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2040	\$ 1,171,659
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2041	\$ 1,195,093
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2042	\$ 1,218,994

Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2043	\$ 1,243,374
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2044	\$ 1,268,242
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2045	\$ 1,293,607
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2046	\$ 1,319,479
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2047	\$ 1,345,868
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2048	\$ 1,372,786
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2049	\$ 1,400,241
Expansion of fixed-route buses	ITP/The Rapid	Transit	Expansion of fixed route buses in 2050	\$ 1,428,246
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2024	\$ 2,449,500
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2025	\$ 1,665,656
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2026	\$ 1,911,339
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2027	\$ -
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2028	\$ 871,358
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2029	\$ 888,785
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2030	\$ 906,561
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2031	\$ 924,692
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2032	\$ 943,186
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2033	\$ 962,050
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2034	\$ 981,291
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2035	\$ 1,000,916
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2036	\$ 1,020,935
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2037	\$ 1,041,353
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2038	\$ 1,062,180
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2039	\$ 1,083,424
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2040	\$ 1,105,092
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2041	\$ 1,127,194
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2042	\$ 1,149,738
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2043	\$ 1,172,733
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2044	\$ 1,196,188
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2045	\$ 1,220,111
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2046	\$ 1,244,514
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2047	\$ 1,269,404
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2048	\$ 1,294,792
Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2049	\$ 1,320,688

Replacement of paratransit buses	ITP/The Rapid	Transit	Replacement of paratransit buses in 2050	\$ 1,347,102
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2024	\$ 640,000
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2025	\$ 640,000
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2026	\$ 640,000
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2027	\$ 740,000
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2028	\$ 835,701
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2029	\$ 852,415
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2030	\$ 869,464
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2031	\$ 886,853
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2032	\$ 904,590
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2033	\$ 922,682
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2034	\$ 941,135
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2035	\$ 959,958
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2036	\$ 979,157
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2037	\$ 998,740
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2038	\$ 1,018,715
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2039	\$ 1,039,090
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2040	\$ 1,059,871
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2041	\$ 1,081,069
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2042	\$ 1,102,690
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2043	\$ 1,124,744
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2044	\$ 1,147,239
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2045	\$ 1,170,184
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2046	\$ 1,193,587
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2047	\$ 1,217,459
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2048	\$ 1,241,808
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2049	\$ 1,266,644
Information Technology Needs	ITP/The Rapid	Transit	Information Technology Needs in 2050	\$ 1,291,977
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2024	\$ 1,781,089
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2025	\$ 877,295
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2026	\$ 3,028,920
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2027	\$ 2,235,211
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2028	\$ 1,861,242
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2029	\$ 1,898,467

Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2030	\$ 1,936,436
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2031	\$ 1,975,165
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2032	\$ 2,014,668
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2033	\$ 2,054,962
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2034	\$ 2,096,061
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2035	\$ 2,137,982
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2036	\$ 2,180,742
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2037	\$ 2,224,357
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2038	\$ 2,268,844
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2039	\$ 2,314,221
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2040	\$ 2,360,505
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2041	\$ 2,407,715
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2042	\$ 2,455,869
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2043	\$ 2,504,987
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2044	\$ 2,555,087
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2045	\$ 2,606,188
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2046	\$ 2,658,312
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2047	\$ 2,711,478
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2048	\$ 2,765,708
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2049	\$ 2,821,022
Bus Maintenance Capital Needs	ITP/The Rapid	Transit	Bus Maintenance Capital Needs in 2050	\$ 2,877,442
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2024	\$ 4,700,000
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2025	\$ 4,700,000
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2026	\$ 4,700,000
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2027	\$ 4,700,000
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2028	\$ 4,794,000
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2029	\$ 4,889,880
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2030	\$ 4,987,678
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2031	\$ 5,087,431
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2032	\$ 5,189,180
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2033	\$ 5,292,963
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2034	\$ 5,398,823
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2035	\$ 5,506,799
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2036	\$ 5,616,935

Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2037	\$ 5,729,274
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2038	\$ 5,843,859
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2039	\$ 5,960,736
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2040	\$ 6,079,951
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2041	\$ 6,201,550
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2042	\$ 6,325,581
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2043	\$ 6,452,093
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2044	\$ 6,581,135
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2045	\$ 6,712,757
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2046	\$ 6,847,013
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2047	\$ 6,983,953
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2048	\$ 7,123,632
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2049	\$ 7,266,104
Capitalized Operating Expense	ITP/The Rapid	Transit	Capitalized Operating Expense in 2050	\$ 7,411,427
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2024	\$ 1,483,580
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2025	\$ 1,483,580
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2026	\$ 1,483,580
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2027	\$ 1,483,580
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2028	\$ 1,498,416
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2029	\$ 1,513,400
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2030	\$ 1,528,534
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2031	\$ 1,543,819
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2032	\$ 1,559,257
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2033	\$ 1,574,850
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2034	\$ 1,590,599
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2035	\$ 1,606,505
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2036	\$ 1,622,570
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2037	\$ 1,638,795
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2038	\$ 1,655,183
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2039	\$ 1,671,735
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2040	\$ 1,688,452
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2041	\$ 1,705,337
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2042	\$ 1,722,390
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2043	\$ 1,739,614

Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2044	\$ 1,757,010
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2045	\$ 1,774,580
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2046	\$ 1,792,326
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2047	\$ 1,810,250
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2048	\$ 1,828,352
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2049	\$ 1,846,636
Bus Rapid Transit State of Good Repair	ITP/The Rapid	Transit	Bus Rapid Transit State of Good Repair 2050	\$ 1,865,102
				\$ 736,982,342



GRAND VALLEY METROPOLITAN COUNCIL

ADA TOWNSHIP • ALGOMA TOWNSHIP • ALLENDALE TOWNSHIP • ALPINE TOWNSHIP • BELDING • BYRON TOWNSHIP • CALEDONIA • CALEDONIA TOWNSHIP • CANNON TOWNSHIP • CASCADE TOWNSHIP
CEDAR SPRINGS • COOPERSVILLE • COURTLAND TOWNSHIP • EAST GRAND RAPIDS • GAINES TOWNSHIP • GEORGETOWN TOWNSHIP • GRAND RAPIDS • GRAND RAPIDS TOWNSHIP • GRANDVILLE
GREENVILLE • HASTINGS • HUDSONVILLE • IONIA • JAMESTOWN TOWNSHIP • KENT COUNTY • KENTWOOD • LOWELL • LOWELL TOWNSHIP • MIDDLEVILLE • NELSON TOWNSHIP
OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD • SAND LAKE • SPARTA • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

MEMORANDUM

DATE: November 15, 2023

TO: GVMC Policy Committee

FROM: George Yang, Senior Transportation Planner

RE: **MDOT Safety Targets for Calendar Year 2024**

The Michigan Department of Transportation (MDOT) has established the 2024 traffic safety targets for five performance measures based on five-year rolling averages as shown in the table below. Also included in the table is GVMC's baseline condition based on the five-year rolling average from 2018-2022. As required by federal regulations, MDOT safety targets are based on data and really represent predictions for fatalities and serious injuries for calendar year 2024. It is important to emphasize that this process does not imply support for an increase in traffic fatalities and serious injuries. Rather, the established "targets" are based on model-predicted results.

Michigan State Safety Targets for Calendar Year 2024

Measure (5-year rolling average)	Michigan State Baseline Condition (2018-2022)	Comparison to Last Year's Baseline	Michigan State 2024 Targets (2020-2024)	GVMC Baseline Condition (2018-2022)	Comparison to Last Year's Baseline
Number of Fatalities	1,061.6		1,109.2	63.8	
Rate of Fatalities per 100 million VMT	1.099		1.152	0.927	
Number of Serious Injuries	5,681.8		5,785.0	456.2	
Rate of Serious Injury per 100 million VMT	5.863		5.999	6.629	
Number of Non-Motorized (Pedestrians and Bicycle) Fatalities & Serious Injuries	734.0		710.8	65.2	

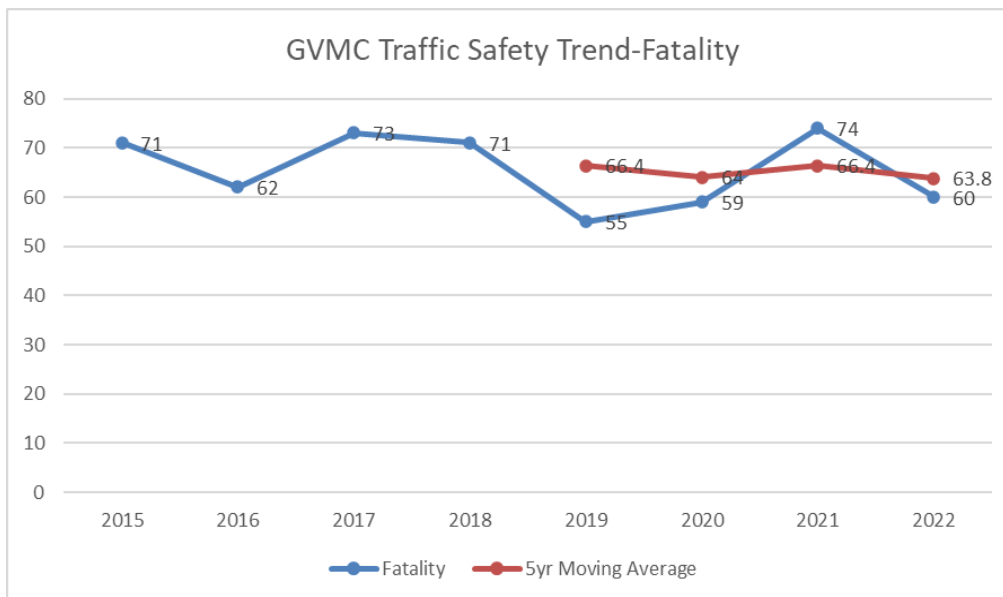
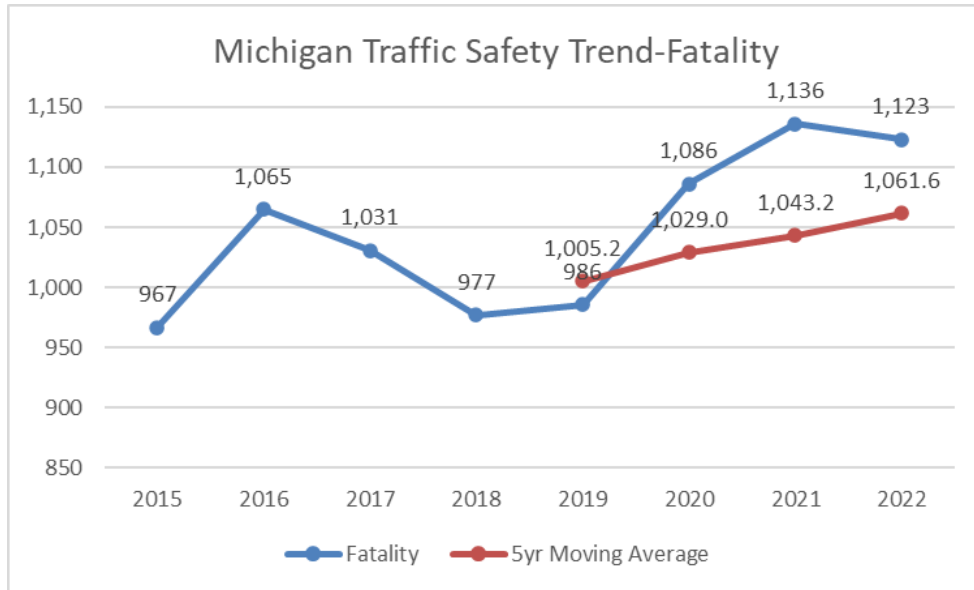
MDOT's safety performance targets are based on two models developed and maintained by the University of Michigan Transportation Research Institute (UMTRI). The UMTRI models depend on results of a research report titled Identification of Factors Contributing to the Decline of Traffic Fatalities in the United States, which was completed as part of the National Cooperative Highway Research Program project 17-67. The models, predicting the number of fatalities and the change in counts of fatalities, rely on the correlation between traffic crashes, vehicle miles traveled (VMT), and risk. UMTRI identified four factors that can influence the outcome: the economy, safety and capital expenditures, vehicle safety, and safety regulations. For both models, economic factors such as the Gross Domestic Product (GDP) per capita, median annual income, the unemployment rate among individuals aged 16 to 24, and alcohol consumption had the greatest impact on traffic crash injury severity.

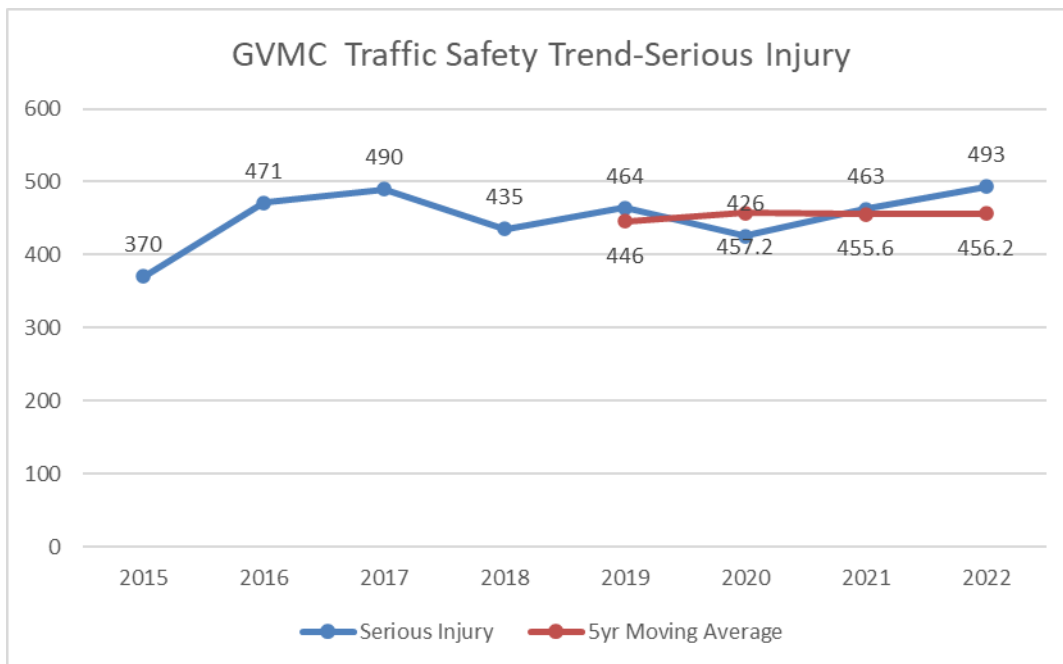
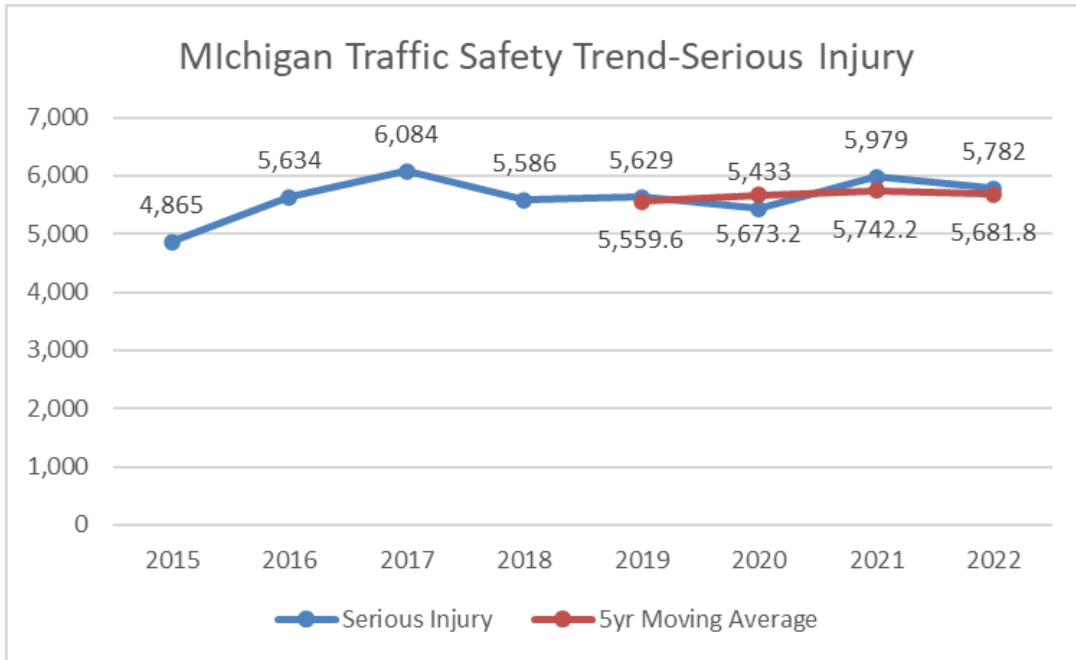
MPOs are required to establish safety targets by either:

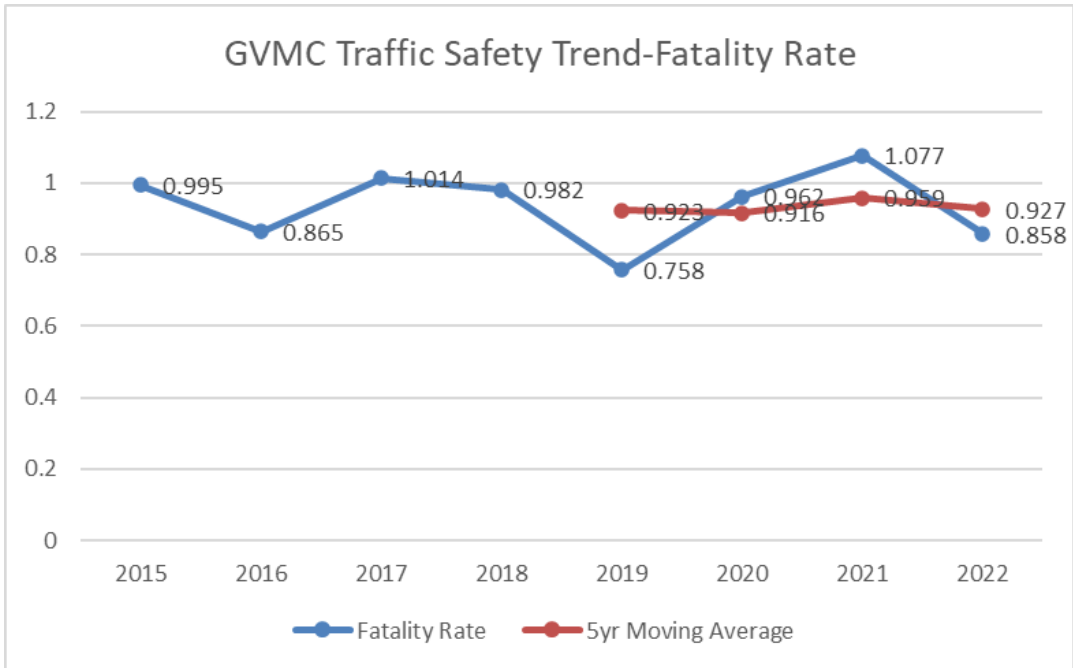
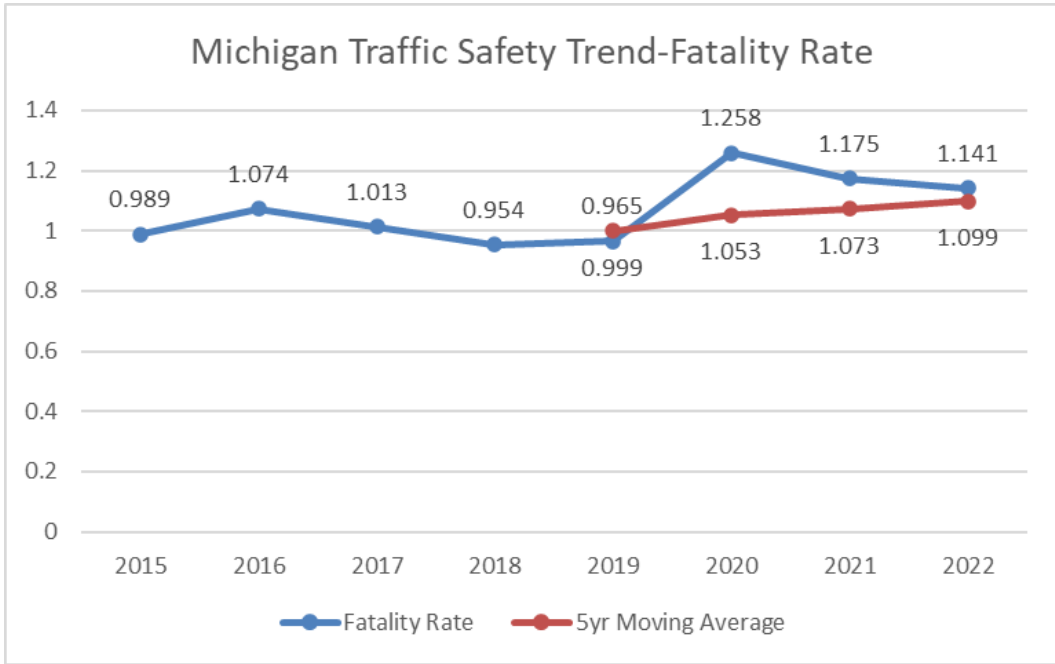
1. Agreeing to plan and program projects so that they support and contribute to the accomplishment of the State DOT safety targets for the performance measures; or
2. Committing to a quantifiable target for the performance measures for their metropolitan planning area

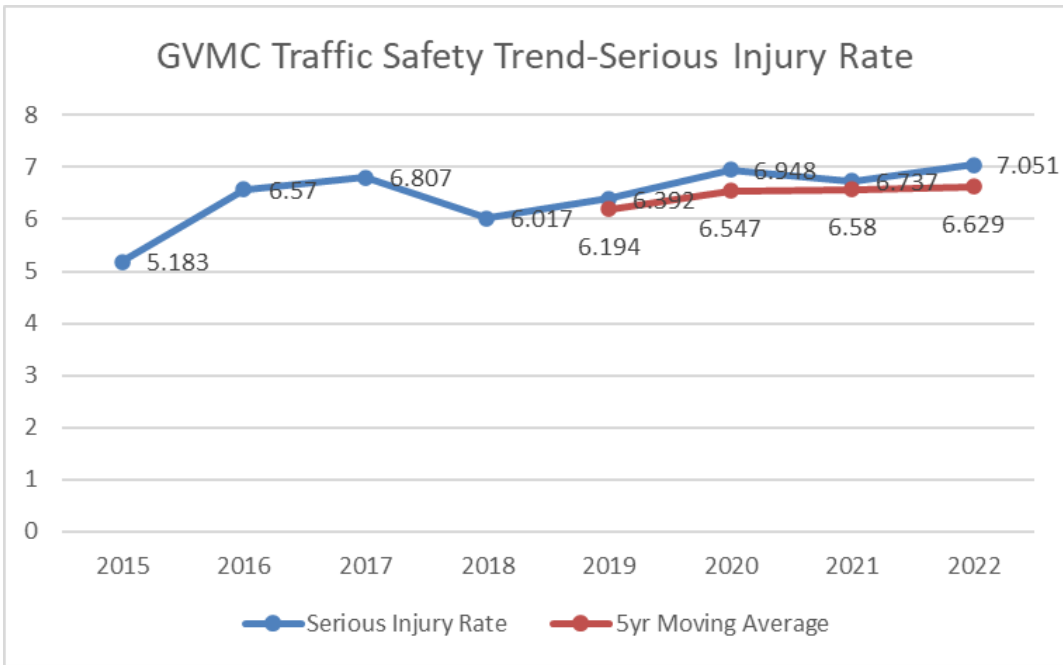
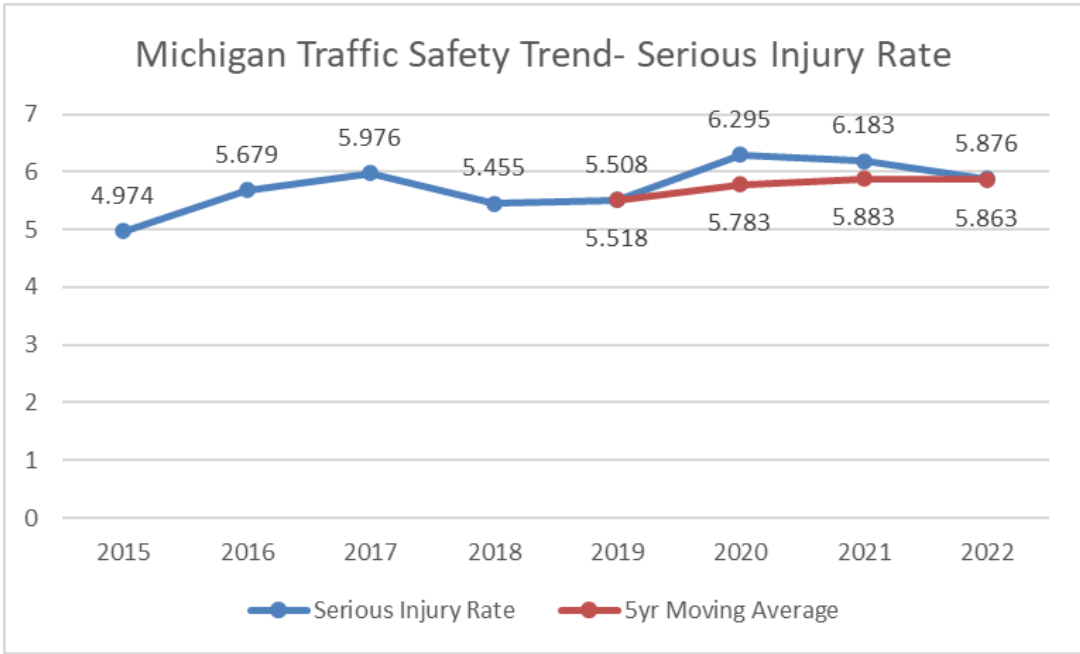
MPOs are required to establish targets no later than 180 days after the state DOT established the state safety targets. MDOT is required to report to FHWA its safety targets before August 31, 2023, and GVMC will therefore be required to decide on our MPO safety targets for calendar year 2024 no later than February 27, 2024.

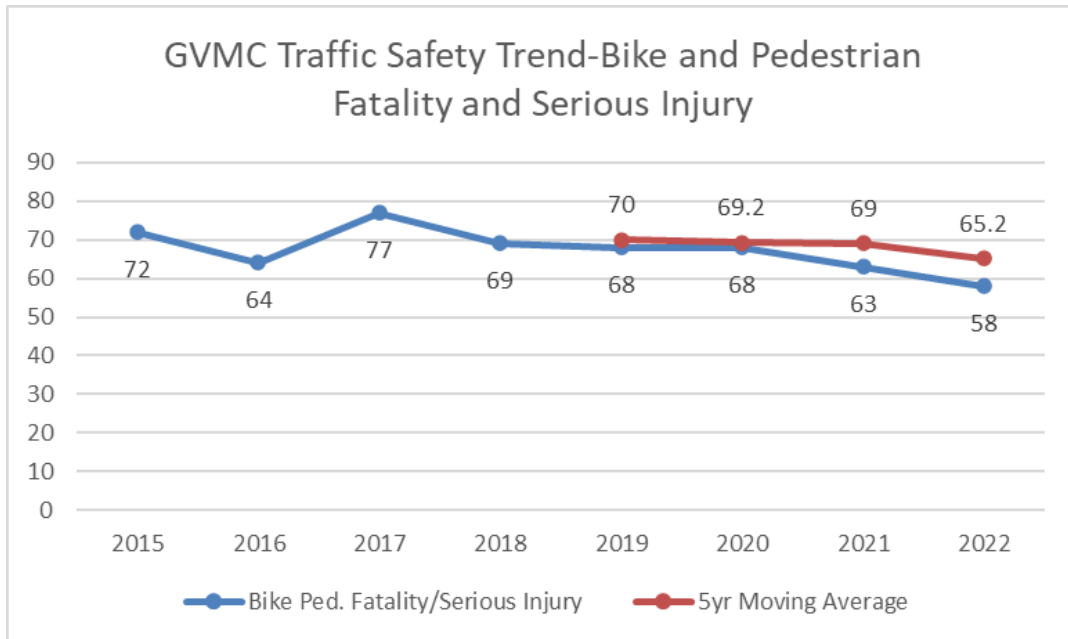
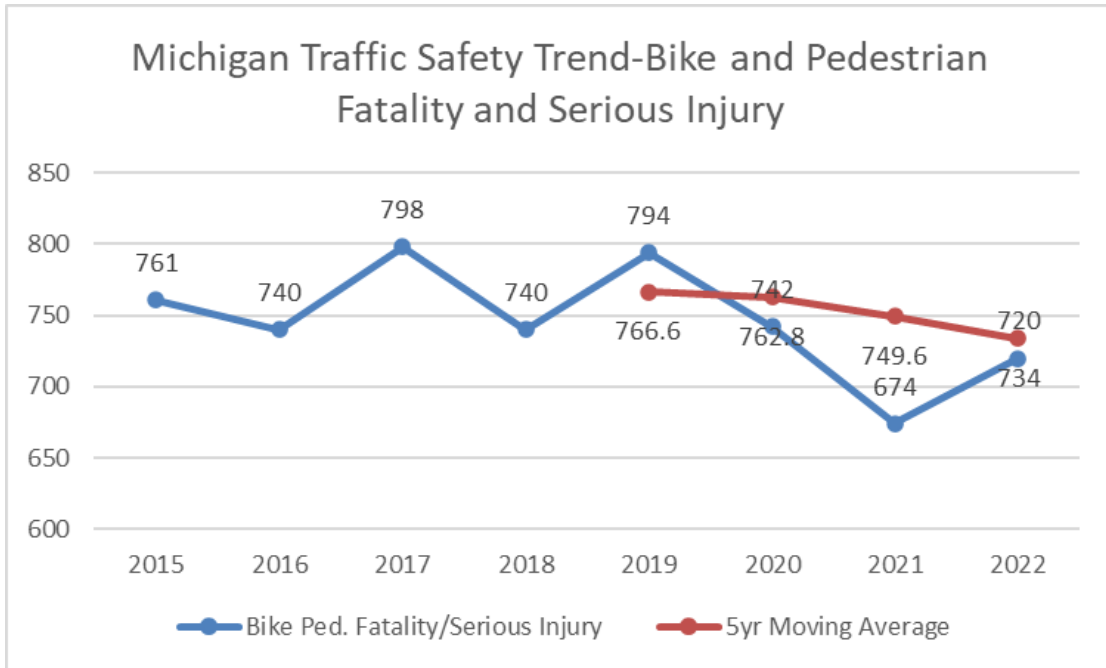
As shown in the charts below, while GVMC's fatality rates and five-year moving average fatality rates over the last few years were lower than the state's, the serious injury rates and 5-year moving average serious injury rates in the GVMC region has been higher than the state's. Also, the data shows GVMC's traffic fatalities and fatality rate decreased between 2021 to 2022, while serious injuries and serious injury rate increased over the same time period.











In line with our dedication to improving traffic safety, GVMC has been collaborating with our partner agencies setting regional safety goals starting in 2021, aiming to enhance

traffic safety through support of the implementation of safety projects listed in the TIP, encouraging incorporation of safety enhancements into all transportation projects, and promoting safety awareness at diverse events through PSAs and safety education campaigns. In addition, GVMC has been awarded a federal Safe Streets and Roads for All (SS4A) grant to develop a Regional Safety Action Plan for our planning area, which will identify regional safety projects and strategies that will move the needle toward zero traffic deaths and serious injuries in the GVMC region.

With all this information in mind, it is staff’s recommendation that GVMC continues to support state safety targets based on recent trends, while also continuing to work toward regional goals to improve upon GVMC’s baseline condition for all safety performance measures. At their November meeting, the Technical Committee made a motion to recommend just that. Committee action on these safety targets is required by February 27, 2024. Please see the summary table below.

Measure (5-year rolling average)	Michigan State Baseline Condition (2018-2022)	Michigan State 2023 Targets (2020-2024)	GVMC Baseline Condition (2018-2022)	Recommended Action on Safety Targets	Recommended GVMC Regional Safety Goals
Number of Fatalities	1,061.6	1,109.2	63.8	Support State Target	Decrease regional number of fatalities
Rate of Fatalities per 100 million VMT	1.099	1.152	0.927	Support State Target	Decrease regional fatality rate
Number of Serious Injuries	5,681.8	5,785.0	456.2	Support State Target	Decrease regional number of serious injuries
Rate of Serious Injury per 100 million VMT	5.863	5.999	6.629	Support State Target	Decrease regional serious injury rate
Number of Non-Motorized (Pedestrians and Bicycle) Fatalities & Serious Injuries	734.0	710.8	65.2	Support State Target	Decrease regional number of nonmotorized fatalities and serious injuries

Like all our members, GVMC staff is committed to working to improve safety for all the users of our transportation system in any way we can. Please contact me with any comments or questions at (616) 776-7696.

Like all our members, GVMC staff is committed to working to improve safety for all the users of our transportation system in any way we can. Please contact me with any comments or questions at (616) 776-7696.