



GRAND VALLEY METROPOLITAN COUNCIL

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**JOINT TECHNICAL AND POLICY COMMITTEE**

**Wednesday, April 15, 2020**

**9:30 AM**

**REMOTE MEETING USING GoToMEETING**

**<https://global.gotomeeting.com/join/485957213>**

**(872) 240-3311 | ACCESS CODE: 485957213**

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**AGENDA**

- I. ROLL CALL AND INTRODUCTIONS**
- II. APPROVAL OF MINUTES—ACTION: Joint Tech/Policy Meeting Dated January 15, 2020  
**Please refer to Item II: Attachment A****
- III. OPPORTUNITY FOR PUBLIC COMMENT (GENERAL)**
- IV. TIP AMENDMENTS—ACTION: On behalf of MDOT, Grand Rapids, Lowell, Walker, and Wyoming amendments/modifications to the FY2020-2023 TIP are being requested.  
**Please refer to Item IV: Attachment A****
- V. 2045 METROPOLITAN TRANSPORTATION PLAN (MTP) OPPORTUNITY FOR PUBLIC COMMENT**
- VI. APPROVAL OF 2045 METROPOLITAN TRANSPORTATION PLAN (MTP)—ACTION: GVMC Staff is asking the Committee to approve the MTP with changes received during the public comment period.  
**Please refer to Item VI: Attachment A****
- VII. RESOLUTION OF SUPPORT FOR TRANSPORTATION CONFORMITY DETERMINATION REPORT—ACTION: Staff is requesting approval of the resolution of support for the Transportation Conformity Determination Report for the 1997 ozone NAAQS for the Grand Rapids Orphan Maintenance Area for GVMC's 2045 MTP and 2020-2023 TIP.  
**Please refer to Item VII: Attachment A****
- VIII. OPPORTUNITY FOR PUBLIC COMMENT (FY2021 UPWP)**
- IX. PROPOSED FY2021 UNIFIED PLANNING WORK PROGRAM (UPWP) ACTIVITIES AND BUDGET—ACTION: Staff is requesting the Committee's approval of the**



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proposed FY2021 UPWP activities and budget before it is presented to the Board for final approval in May.

**Please refer to Item IX: Attachment A**

**X. OTHER BUSINESS**

**XI. ADJOURNMENT**

MINUTES

**Grand Valley Metropolitan Council  
Transportation Division  
TECHNICAL/POLICY COMMITTEE MEETING  
Wednesday, January 15, 2020  
Grand Rapids Township Hall  
1836 East Beltline NE Grand Rapids, MI**

Schweitzer, chair of the Technical Committee, called the meeting to order at 9:31 am. Those present introduced themselves to the Committee.

**I. ROLL CALL AND INTRODUCTIONS**

**Voting Members Present**

Terry Schweitzer ( <i>Chair</i> )		City of Kentwood
Sue Becker		Alpine Township
Tim Bradshaw		City of Kentwood/Caledonia Twp.
Terry Brod		Cannon Township
Scott Conners		City of Walker
Mike DeVries		Grand Rapids Township
Rick DeVries		City of Grand Rapids
Karyn Ferrick		City of Grand Rapids
Wayne Harrall	<i>Proxy for Tim Haagsma</i>	Kent County
		Gains Township
Roy Hawkins		GFIAA
Russ Henckel		City of Wyoming
Nicole Hofert		City of Wyoming
Andrew Johnson		ITP The Rapid
Dennis Kent	<i>Proxy for Mike Burns</i>	MDOT
		City of Lowell
Brett Laughlin		Ottawa County Road Commission
Greg Madura		Alpine Township
Jim Miedema		Ottawa County Road Commission
Josh Naramore		City of Grand Rapids
Darrel Schmalzel		City of Walker
Dan Strikwerda		City of Hudsonville
Charlie Sundblad		City of Grandville
Steve Warren		Kent County Road Commission
Rod Weersing		Georgetown Township
Kevin Wisselink		ITP-The Rapid
Steven Wooden		Kent County Road Commission

**Staff and Non-Voting Guests Present**

Brad Doane	GVMC Staff
Andrea Faber	GVMC Staff
Art Green	MDOT
Abed Itani	GVMC Staff
Laurel Joseph	GVMC Staff
Tyler Kent	MDOT
Kerri Smit	GVMC Staff

Norm Stevensma  
George Yang  
Mike Zonyk

RWBC/WMWAC  
GVMC Staff  
GVMC Staff

**Voting Members Not Present**

Kristin Bennett  
Ken Bergwerff  
Mike Burns  
Adam Elenbaas  
Rachel Gokey  
Kevin Green  
Tim Grifhorst  
Tim Haagsma  
Jerry Hale  
Jim Holtvluwer  
Tom Hooker  
Bill LaRose  
Don Mayle  
Matt McConnon  
Tom Noreen  
Steve Peterson  
Rick Solle  
Julius Suchy  
Jeff Thornton  
Toby VanEss  
Phil Vincent

City of Grand Rapids  
Jamestown Township  
City of Lowell  
Allendale Township  
Village of Sand Lake  
Algoma Township  
Tallmadge Township  
Gaines Charter Township  
Lowell Township  
Ottawa County  
Byron Township  
Cedar Springs  
MDOT  
Courtland Township  
Nelson Township  
Cascade Charter Township  
Plainfield Township  
Village of Sparta  
Village of Caledonia  
Tallmadge Township  
City of Rockford

**II. APPROVAL OF MINUTES**

Schweitzer advised that there will be NO ACTION. Formal November meeting minute approval will be pushed back to March separately for each Committee.

**III. OPPORTUNITY FOR PUBLIC COMMENT**

None

**IV. TIP AMENDMENTS**

**Referring to Item IV: Attachment A.** Joseph explained on behalf MDOT, Kent County Road Commission, Grand Rapids, Lowell, Ottawa County Road Commission, Walker, Hudsonville, and Jamestown Twp the following amendments/modifications to the FY2020-2023 TIP are being requested. Here are the specific requests:

- MDOT is requesting the amendments/modifications to the TIP project list in the attached TIP Amendments/Modifications Summary. MDOT is also requesting committee review of the S/TIP exempt project list. Many of the projects on this S/TIP exempt list have been reviewed by the Committees in the past – “new” projects have been highlighted.
- Kent County Road Commission is requesting to add two local bridge projects to FY2022, which have triggered a FY2022 Local Bridge GPA threshold amendment.

- The City of Grand Rapids is requesting to increase the total and local budget for multiple FY2020/2021 projects (no change in federal funding levels) and add a local bridge project to FY2022. These project changes/additions have also contributed to triggering GPA threshold amendments.
- The City of Lowell is requesting to add a new small urban project to FY2020 that was recently selected by MDOT for funding.
- Ottawa County Road Commission is requesting a slight budget adjustment on an RTP project. The is pending because of the pending FY2020 Local Road GPA threshold amendment.
- The City of Hudsonville is requesting to move their Buttermilk Creek Pathway TAP project fully to FY2021. This project is currently half funded in FY2020 with the remainder using advanced construct funding in FY2021. Because of MGS application and review timing, this project will not make it to obligation in FY2020. It is recommended that the federal funding levels remain the same as originally programmed (please see draft TAP pool attachment for more project details).

The help balance the move of the Hudsonville TAP project to FY2021, staff, on behalf of Jamestown Twp/OCRC, is recommending to fully fund the Greenly Street nonmotorized path project in FY2020 instead of using advanced construction for half as originally programmed. This project is on track for obligation in FY2020.

**MOTION by Naramore SUPPORT by Harrall , to recommend APPROVAL of the FY2020-2023 TIP Amendments. MOTION CARRIED UNANIMOUSLY**

## **V. APPROVAL OF DRAFT 2045 METROPOLITAN TRANSPORTATION PLAN (MTP)**

Referring to **Item V: Attachment A** Faber explained and passed around a sample of the MTP draft to the committee. The GVMC Staff The draft 2045 MTP document represents months of work and includes input from Committee members, stakeholders, and the public. GVMC staff have brought many elements of the draft document to the Technical and Policy Committees over the last several months, including:

- (1) Updated socioeconomic data for use in our new travel demand model
- (2) A revised vision statement, goals, and objectives for the MTP
- (3) The results of the comprehensive mode-based needs and deficiencies analysis, which included the integration of new performance-based planning requirements
- (4) The MTP project list

The following was also accomplished:

- (5) A financial analysis to determine projected funding levels through 2045
- (6) An environmental justice analysis and environmental mitigation analysis for the project list
- (7) Consultation on the draft project list (one comment received indicating support of the project lists)

Public involvement opportunities have also been continuous throughout the development of the MTP, and an official public comment opportunity for the public to review and comment on the draft

MTP will be held from February 1 – March 2. There will also be a public meeting during the public comment period. The date is, at this time, is to be determined.

At the March meetings, the Committees will again be asked to approve the draft document, which will be updated to include feedback received during the public comment period and/or minor editorial changes. GVMC staff plans to take the 2045 MTP to the GVMC Board for final approval on May 7, 2020.

Due to the large file size, **please access the draft 2045 MTP at [www.gvmc.org/mtp](http://www.gvmc.org/mtp)**. It will be posted online by the end of the day on January 8, 2020.

Schweitzer advised the committee to check out the link on the GVMC website and that the MTP should be reviewed by the committee to prepare for the adoption.

**MOTION by Laughlin, SUPPORT by Hawkins, to recommend APPROVAL the 2045 Metropolitan Transportation Plan (MTP) DRAFT to bring the document to the public for comment. MOTION CARRIED UNANIMOUSLY.**

#### **VI. OTHER BUSINESS**

Faber advised that on the GVMC website is a copy of the Air Quality Conformity report ready to review.

Kent advised that February 5<sup>th</sup>, 2020 there will be a construction update meeting at the Grand Rapids TSC office. Kent will follow up by sending out a notice to the committee.

Itani addressed the committee with a “good bye” as this will be his last meeting before his retirement.

#### **VII. ADJOURNMENT**

Schweitzer adjourned the January 15, 2020 Policy/Technical Committee meeting at 9:49 am.



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**MEMORANDUM**

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**DATE:** April 8, 2020

**TO:** GVMC Technical and Policy Committees

**FROM:** Laurel Joseph, Director of Transportation Planning

**RE:** **FY2020-2023 Transportation Improvement Program**

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On behalf of MDOT, Grand Rapids, Lowell, Walker, and Wyoming the following amendments/modifications to the FY2020-2023 TIP are being requested. Some of these requests, noted below and/or in the attached materials, were reviewed by the Technical Committee at their March meeting. Here are the specific requests:

- MDOT is requesting the amendments/modifications to the TIP project list in the attached TIP Amendments/Modifications Summary. Additionally, MDOT has made some adjustments to GPA projects that have triggered GPA threshold increases (see pending GPA report). MDOT is also requesting committee review of the S/TIP exempt project list. Many of the projects on this S/TIP exempt list have been reviewed by the Committees in the past – “new” projects have been highlighted (please see attachments).
- The federal proportion of the City of Grand Rapids Regional TOC projects increased to 80% of the total project cost because MDOT has agreed these projects can be funded out of the State’s ITS set-aside. The budget changes were administrative, but the FY2021 Local Traffic Ops and Safety GPA threshold was triggered and requires review and approval.
- The City of Lowell is requesting to add a State TAP funded project to FY2021 after completing the MGS review process and receiving a conditional commitment. This request was reviewed and recommended for approval by the Technical Committee in March (see amend/mod summary).
- The City of Walker is requesting to add a regional TAP project to FY2021 after completing the MGS review process and receiving a conditional commitment.

This request was reviewed and recommended for approval by the Technical Committee in March (see amend/mod summary).

- The City of Wyoming is requesting to move a FY2020 State-EDC funded project to FY2021 due to the need for continued coordination with MDOT and FHWA on the final project design and timing for approval to break the limited access ROW for construction. This request was reviewed and recommended for approval by the Technical Committee in March (see attached memo).

If you have any questions, please do not hesitate to contact me at (616) 776-7610.



FY 2020-2023 Transportation Improvement Program  
April 2020 Amendments/Modifcations

Fiscal Year	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	Federal Amendment Type	Comments
2021	207499	Local Traffic Operations And Safety	Grand Rapids	Market Ave SW	Market Avenue	0.055	ITS Applications	Regional Signal System TMS Operations	OPS	\$528,000	\$0	\$132,000	\$660,000	GPA over or over 25%	Federal % increased resulting from MDOT agreeing to fund out of ITS set-aside - triggering GPA threshold increase
2021	209777	S/TIP Line items	Lowell	Bowes Rd SE	South of Bowes Rd (at Main St) along the Grand River to Division St, Lowell	2.019	New Facilities	Construct River Valley Rail Trail Connection	CON	\$3,106,000	\$0	\$2,067,000	\$5,173,000	Phase Added	Presented at March Tech, need Policy approval -New Statewide TAP project.
2021	210057	S/TIP Line items	MDOT	M-37	From 60th Street north to 44th Street	2.075	Road Rehabilitation	Inlay	CON	\$9,003,500	\$1,779,754	\$216,746	\$11,000,000	Phase Added	Presented at March Tech, need Policy approval - Rebuilding MI - backfill project
2021	201253	Trunkline Bridge	MDOT	I-96	Burton Street over I-96	0.000	Bridge Rehabilitation	Deep overlay	CON	\$990,504	\$110,056	\$0	\$1,100,560	GPA over or over 25%	new job in GPA - need Fed approval of threshold
2021	200585	Trunkline Road	MDOT	M-11	From Church Street east to US-131	4.203	Road Rehabilitation	Two Course Asphalt Resurfacing	CON	\$3,274,000	\$665,470	\$60,530	\$4,000,000	GPA over or over 25%	Presented at March Tech, need Policy approval
2021	209996	S/TIP Line items	Walker	Kinney Avenue Northwest	Kinney Avenue and Waldorf Street from City Central Park to 3 Mile Road	0.610	New Facilities	Construct a 10-foot wide HMA separated shared use path	CON	\$307,352	\$0	\$131,723	\$439,075	Phase Added	Presented at March Tech, need Policy approval - Adding regional TAP project now that it has completed the MDOT review process and received a conditional commitment
2022	201133	S/TIP Line items	MDOT	I-196	48th Avenue to 32nd Avenue	6.674	Reconstruction	Reconstruction	CON	\$0	\$11,340,000	\$0	\$11,340,000		Presented at March Tech, need Policy approval - Rebuilding MI - bond project
2022	210038	S/TIP Line items	MDOT	I-196	I-196 over the Grand River and Mound Road	0.000	Bridge Replacement	Bridge Replacement	CON	\$0	\$38,600,000	\$0	\$38,600,000		Presented at March Tech, need Policy approval - Rebuilding MI - bond project
2022	201305	Trunkline Bridge	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$1,337,063	\$148,563	\$0	\$1,485,626	GPA over or over 25%	
2023	200112	S/TIP Line items	MDOT	M-6	From East Branch Rush Creek east to Burlingame Avenue	2.831	Road Rehabilitation	Concrete Pavement Inlay	CON	\$10,428,509	\$2,312,492	\$0	\$12,741,000	Phase Added	
2023	210072	S/TIP Line items	MDOT	US-131	From Allegan/Kent County Line north to 76th Street	4.038	Reconstruction	Reconstruction, Add Weave/Merge Lanes	CON	\$0	\$40,000,000	\$0	\$40,000,000	Phase Added	Presented at March Tech, need Policy approval - Rebuilding MI - bond project
2023	204378	Trunkline Bridge	MDOT	US-131	over West River Drive	0.000	Bridge Rehabilitation	Deep Overlay	CON	\$3,111,959	\$690,068	\$0	\$3,802,027	GPA over or over 25%	
2023	204412	Trunkline Bridge	MDOT	I-96	under Segwun Ave SE, Lowell Township, Kent County	0.000	Bridge Rehabilitation	Shallow overlay and substructure repair.	CON	\$710,354	\$78,928	\$0	\$789,282	GPA over or over 25%	

FY2020-2023 Transportation Improvement Program

**April 2020 Pending General Program Accounts**

<b>Fiscal Year</b>	<b>MPO</b>	<b>Job Type</b>	<b>GPA Name</b>	<b>GPA Status</b>	<b>Threshold Amount</b>	<b>Total Usage Amount</b>	<b>Total Proposed Amount</b>
2021	GVMC	Local	Local Traffic Operations And Safety	Proposed	\$960,000	\$960,000	\$264,000
2021	GVMC	Trunkline	Trunkline Bridge	MDOT Submitted	\$0	\$1,100,560	\$1,100,560
2021	GVMC	Trunkline	Trunkline Road	MDOT Submitted	\$1,165,002	\$4,000,000	\$2,834,998
2022	GVMC	Trunkline	Trunkline Bridge	MDOT Submitted	\$1,100,560	\$1,485,626	\$385,066
2023	GVMC	Trunkline	Trunkline Bridge	MDOT Submitted	\$1,485,626	\$4,591,309	\$3,105,683



## S/TIP EXEMPT - REVERSIBLE JOBS

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

Date: 04/06/2020

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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	Comments
2020	Trunkline	200162	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Grand Rapids TSC Areawide	GR TSC Areawide	6.493	Road Capital Preventive Maintenance	Full Depth Concrete Pavement Repairs, ADA Ramps			ROW	Active	20-23	A	\$0	\$15,000	\$0	\$15,000	\$7,328	M	12/13/2019	12/10/2019	04/03/2020		
2020	Trunkline	201255	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296 SB	I-96 EB connector to I-296 SB over West River Drive and CSX RR	0.000	Bridge Rehabilitation	Deep overlay with barrier replacement.			PE-S	Active	20-23	A	\$0	\$225,235	\$0	\$225,235	\$0	M	10/21/2019	02/24/2020	10/01/2021		
2020	Trunkline	201255	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296 SB	I-96 EB connector to I-296 SB over West River Drive and CSX RR	0.000	Bridge Rehabilitation	Deep overlay with barrier replacement.			PE	Active	20-23	A	\$0	\$48,317	\$0	\$48,317	\$0	M	10/21/2019	02/24/2020	10/01/2021		
2020	Trunkline	201324	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196BS E	3 Bridges on I-196 Ramp Corridor from I-196 to Chicago Drive	0.000	Bridge Rehabilitation	Deep Overlay			PE-S	Programmed	20-23	A	\$0	\$0	\$0	\$155,794	\$0	M	04/23/2020		12/03/2021		
2020	Trunkline	201324	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196BS E	3 Bridges on I-196 Ramp Corridor from I-196 to Chicago Drive	0.000	Bridge Rehabilitation	Deep Overlay			PE	Programmed	20-23	A	\$0	\$0	\$0	\$72,289	\$0	M	04/23/2020		12/03/2021		
2020	Trunkline	204663	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	Kalamazoo Avenue to East Paris Avenue	3.480	Road Capital Preventive Maintenance	Concrete Joint Repairs & Asphalt Overlay			PE	Active	20-23	A	\$0	\$75,000	\$0	\$75,000	\$0	M	10/14/2019	12/16/2019	11/06/2020		
2020	Trunkline	204663	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	Kalamazoo Avenue to East Paris Avenue	3.480	Road Capital Preventive Maintenance	Concrete Joint Repairs & Asphalt Overlay			CON	Programmed	20-23	A	\$0	\$0	\$0	\$1,900,000	\$0	M	09/11/2020		11/06/2020		
2020	Trunkline	206976	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196	Fuller Avenue east to Maryland Avenue	1.710	Reconstruction	Reconstruction, Widening, ITS and Bridge Replacement			PE-S	Active	20-23	A	\$0	\$50,000	\$0	\$50,000	\$0	M	11/01/2019	11/14/2019	10/02/2020		
2020	Trunkline	206976	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196	Fuller Avenue east to Maryland Avenue	1.710	Reconstruction	Reconstruction, Widening, ITS and Bridge Replacement			PE	Active	20-23	A	\$0	\$150,000	\$0	\$150,000	\$2,306	M	11/01/2019	11/14/2019	10/02/2020		
2020	Multi-Modal	208147	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Bartlett St SW	Areawide/Kent County	0.000	SP09-Specialized Service	Services for the elderly and individuals with disabilities.			NI	Active	20-23	A	\$0	\$542,369	\$0	\$542,369	\$135,592	CTF	09/30/2020		11/12/2019		
2020	Trunkline	208781	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	GR TSC Areawide	GR TSC Areawide	0.000	Road Capital Preventive Maintenance	Asphalt Crack Treatment			PE	Programmed	20-23	A	\$0	\$0	\$0	\$10,000	\$0	M	04/13/2020		11/12/2020		
2020	Trunkline	208782	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	M-11 east to Thornapple River Drive	2.869	Road Capital Preventive Maintenance	Concrete Joints Reseal			PE	Programmed	20-23	A	\$0	\$0	\$0	\$25,000	\$0	M	04/01/2020		11/06/2020		
2020	Trunkline	209415	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 N	North US-131 at Hall and Wealthy	0.545	Traffic Safety	Install Wrong Way Traffic alert system			CON	Active	20-23	A	\$0	\$72,000	\$0	\$72,000	\$0	M	10/25/2019		11/13/2019		
2020	Trunkline	209604	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6 / Holstege Wetland Mitigation Site	M-6 / Holstege Wetland Mitigation Site	0.000	Environmental	Wetland Mitigation Site Access and Additional Wetland Restoration			EPE	Active	20-23	A	\$0	\$10,000	\$0	\$10,000	\$1,007	M	12/02/2019	01/06/2020	12/03/2021		
2020	Trunkline	209675	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131, I-196	SN 4807, 4966, 4976	0.000	Bridge Rehabilitation	HLH Repairs - Steel and PCI Beams			PE-S	Active	20-23	A	\$0	\$36,320	\$0	\$36,320	\$7,758	M	12/10/2019	12/20/2019	05/01/2020		
2020	Trunkline	209675	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131, I-196	SN 4807, 4966, 4976	0.000	Bridge Rehabilitation	HLH Repairs - Steel and PCI Beams			PE	Active	20-23	A	\$0	\$20,480	\$0	\$20,480	\$9,840	M	12/10/2019	12/20/2019	05/01/2020		



## S/TIP EXEMPT - REVERSIBLE JOBS

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

Date: 04/06/2020

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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	Comments
2020	Trunkline	209675	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131, I-196	SN 4807, 4966, 4976, SN 4807, 4966, 4976	0.000	Bridge Rehabilitation	HLH Repairs - Steel and PCI Beams			CON	Active	20-23	A	\$0	\$806,099	\$0	\$804,425	\$0	M	03/06/2020	03/24/2020	05/01/2020		
2020	Local	209951	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Elk Railroad, LLC	36th St SE	At Grand Elk Railroad in the City of Wyoming, Kent County	0.000	Railroad	Install new crossing surface			CON	Active	20-23	A			\$0	\$80,115		MRR	02/28/2020	02/11/2020			
2020	Local	209952	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Elk Railroad, LLCSE	Eastern Ave	At Grand Elk Railroad in the City of Wyoming, Kent County	0.000	Railroad	Install new crossing surface			CON	Active	20-23	A			\$0	\$88,548		MRR	02/28/2020	02/11/2020			
2020	Local	210023	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids Eastern Railroad Co.	Bradford St NE	At Grand Rapids Eastern Railroad in the City of Grand Rapids, Kent County	0.000	Railroad	Install new crossing surface			CON	Programmed	20-23	A			\$0	\$69,707	\$0	MRR	02/28/2020				
2020	Trunkline	210027	Grand Valley Metropolitan Council (GVMC)	Barry	MDOT	M-37	Barry/Kent Co Line to 92nd Street	5.875	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing			PE	Active	20-23	A	\$0	\$200,000	\$0	\$200,000	\$24,475	M	02/18/2020	02/20/2020	09/04/2020		
2020	Trunkline	210053	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-21	From I-96 east to Grand River Avenue	3.698	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing			PE	Active	20-23	A	\$0	\$800,000	\$0	\$800,000	\$1,699	M	02/14/2020	02/21/2020	11/06/2020		
2020	Trunkline	210063	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	From 92nd Street north to 76th Street	2.875	Road Rehabilitation	Crush and Shape, Widening			EPE	Active	20-23	A	\$0	\$1,000,000	\$0	\$1,000,000	\$0	M	04/01/2020	03/10/2020	08/02/2024		
2020	Local	210064	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids Eastern Railroad Co.	Plainfield Ave	At Grand Rapids Eastern Railroad in the City of Grand Rapids, Kent County	0.000	Railroad	Install new crossing surface			CON	Programmed	20-23	A			\$0	\$139,898	\$0	MRR	02/28/2020				
2020	Trunkline	210103	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	TSC Wide	2 locations M-44 ( Belding ) @ Lincoln Lake and M11 (Rememberance) @ 3 Mile	0.000	Traffic Safety	New signal and phasing			CON	Programmed	20-23	A	\$0	\$0	\$0	\$696,511	\$0	M	08/07/2020		10/02/2020		
2021	Trunkline	200816	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	From Cascade Road east to M-11	3.025	Road Rehabilitation	Two Course Asphalt Resurfacing			PE	Programmed	20-23	A	\$0	\$0	\$0	\$75,000	\$0	M	10/16/2020		11/04/2022		
2021	Trunkline	201305	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay			PE-S	Programmed	20-23	A	\$0	\$0	\$0	\$160,042	\$0	M	10/15/2020		09/02/2022		
2021	Trunkline	201305	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay			PE	Programmed	20-23	A	\$0	\$0	\$0	\$46,654	\$0	M	10/15/2020		09/02/2022		
2021	Trunkline	204412	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	under Segwun Ave SE, Lowell Township, Kent County	0.000	Bridge Rehabilitation	Shallow overlay and substructure repair.			PE-S	Programmed	20-23	A	\$0	\$0	\$0	\$90,505	\$0	M	01/08/2021		10/06/2023		
2021	Trunkline	204412	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	under Segwun Ave SE, Lowell Township, Kent County	0.000	Bridge Rehabilitation	Shallow overlay and substructure repair.			PE	Programmed	20-23	A	\$0	\$0	\$0	\$33,035	\$0	M	01/08/2021		10/06/2023		
2021	Trunkline	204758	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-6	Grand Rapids/South Beltline W	0.000	Roadside Facilities - Preserve	Cold milling and one course asphalt overlay.			PE	Programmed	20-23	A	\$0	\$0	\$0	\$5,000	\$0	M	10/12/2020		01/06/2023		



## S/TIP EXEMPT - REVERSIBLE JOBS

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

Date: 04/06/2020

Page: 3 of 4

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	Comments				
2021	Trunkline	207994	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196	8 structures located along I-196	0.000	Bridge	CSM Healer Sealer			CON	Abandoned	20-23	A	\$0	\$0	\$0	\$389,850	\$0	M	10/09/2020		12/04/2020						
2021	Trunkline	208126	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	From Monroe Avenue east to Leonard Street	4.950	Road Rehabilitation	Cold milling and two course HMA overlay			PE	Programmed	20-23	A	\$0	\$0	\$0	\$100,000	\$0	M	10/05/2020		10/01/2021						
2021	Trunkline	208126	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	From Monroe Avenue east to Leonard Street	4.950	Road Rehabilitation	Cold milling and two course HMA overlay			CON	Programmed	20-23	A	\$0	\$0	\$0	\$6,400,000	\$0	M	08/06/2021		10/01/2021						
2021	Trunkline	210063	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	From 92nd Street north to 76th Street	2.875	Road Rehabilitation	Crush and Shape, Widening			ROW	Programmed	20-23	A	\$0	\$0	\$0	\$1,500,000	\$0	M	06/01/2021		08/02/2024						
2021	Trunkline	210063	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	From 92nd Street north to 76th Street	2.875	Road Rehabilitation	Crush and Shape, Widening			PE	Programmed	20-23	A	\$0	\$0	\$0	\$2,500,000	\$0	M	06/01/2021		08/02/2024						
2021	Local	210311	Grand Valley Metropolitan Council (GVMC)	Ottawa	Ottawa County	68th Ave	M-45 to the Grand River, Ottawa County	2.922	Road Rehabilitation	Mill and resurface pavement			CON	Programmed	20-23	A			\$0	\$1,021,847	\$0	EDF	02/26/2021								
2022	Trunkline	204378	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	over West River Drive	0.000	Bridge Rehabilitation	Deep Overlay			PE-S	Programmed	20-23	A	\$0	\$0	\$0	\$463,006	\$0	M	10/14/2021		10/06/2023						
2022	Trunkline	204378	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	over West River Drive	0.000	Bridge Rehabilitation	Deep Overlay			PE	Programmed	20-23	A	\$0	\$0	\$0	\$65,971	\$0	M	10/14/2021		10/06/2023						
2022	Trunkline	208525	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296/US-131 NB	From Bridge Street north to Richmond Street	1.342	Road Rehabilitation	Concrete Inlay			PE	Programmed	20-23	A	\$0	\$0	\$0	\$1,315,000	\$0	M	11/12/2021		12/06/2024						
2023	Trunkline	204773	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-196	at the 32nd Avenue Interchange	0.000	New Facilities	Construct new carpool lot.			ROW	Suspended	20-23	A	\$0	\$0	\$0	\$48,000	\$0	M	10/10/2022		11/01/2024						
2023	Trunkline	204773	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-196	at the 32nd Avenue Interchange	0.000	New Facilities	Construct new carpool lot.			PE	Suspended	20-23	A	\$0	\$0	\$0	\$20,000	\$0	M	10/10/2022		11/01/2024						
2023	Trunkline	208902	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296/US-131 NB	3 Bridges along US-131/I-296 NB Corridor	0.000	Bridge Rehabilitation	Deep overlay (2 bridges), Epoxy overlay (1 bridge)			PE-S	Programmed	20-23	A	\$0	\$0	\$0	\$169,368	\$0	M	10/07/2022		12/06/2024						
2023	Trunkline	208902	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296/US-131 NB	3 Bridges along US-131/I-296 NB Corridor	0.000	Bridge Rehabilitation	Deep overlay (2 bridges), Epoxy overlay (1 bridge)			PE	Programmed	20-23	A	\$0	\$0	\$0	\$158,848	\$0	M	10/07/2022		12/06/2024						
<b>Grand Total:</b>																	\$0	\$4,050,820	\$0	\$21,849,134	\$190,004										

**Total Job Phases Reported:** 44

- Preferences:**
- Report Format:** Standard
  - FISCAL Year(s):** 2020, 2021, 2022, 2023
  - MPO/Non-MPO:** Grand Valley Metropolitan Council (Grand Rapids)
  - County:** ALL
  - Prosperity Region:** ALL
  - MDOT Region:** ALL
  - STIP Cycle:** ALL
  - STIP Status:** Approved, Pending  
(A - Approved, P - Pending)
  - Job Type:** Trunkline, Local, Multi-Modal
  - Phase Type:** ALL
  - Phase Status:** ALL  
(AP - Programmed, AC - Active, CP - Completed)
  - Amendment Type:** ALL



# S/TIP EXEMPT - REVERSIBLE JOBS

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

Date: 04/06/2020

Page: 4 of 4

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	Comments
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**Templates** Trunkline - ALL, Local - ALL, Multi-Modal - ALL  
**Finance System** Trunkline - ALL, Local - ALL, Multi-Modal - ALL

February 20, 2020

Laurel Joseph  
Transportation Planner  
Grand Valley Metro Council  
678 Front Avenue NW, Suite 200  
Grand Rapids, MI 49504

Re: TIP Amendment – 54<sup>th</sup> St Meijer Access Drive Project

Dear Laurel:

The City of Wyoming is continuing to work with the Michigan Department of Transportation (MDOT) and the Federal Highway Administration (FHWA) on the 54<sup>th</sup> Street Meijer Access Drive project in Wyoming. As of now, we have been granted conceptual approval of the project through FHWA as we continue to work through details on the project. At this time, it appears that the timing of the project will not be granted final approval through FHWA to break the limited access right-of-way in order to construct in 2020.

Wyoming would request to amend the Transportation Improvement Plan (TIP) to move the project to the 2021 fiscal year. If granted, this would provide enough time to finalize coordination with MDOT and FHWA, finalize the design, grading permits, and bid through Local Agency Programs through MDOT. Please feel free to contact me at (616) 530-7254 if you have any questions regarding the project.

Sincerely,



Russ Henckel, P.E.  
Assistant Director of Public Works - Engineering



CITY COUNCIL

Sheldon DeKryger

Dan Burrill

Kent Vanderwood

Marissa Postler

Robert Postema

Sam Bolt

**Jack A. Poll, Mayor**



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**MEMORANDUM**

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Date: April 6, 2020

To: GVMC Technical and Policy Committees

From: Andrea Faber, Transportation Planner

Re: Draft 2045 Metropolitan Transportation Plan

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The Technical and Policy Committees approved the draft 2045 Metropolitan Transportation Plan (MTP) at the joint meeting on January 15, 2020. The document then entered a 31-day public comment period that concluded on March 2, 2020. We received 20 comments from the public during this time frame, and they have been reviewed, responded to, and added to Appendix I of the MTP, starting on page 328.

Limited changes have been made to the document and include comments received to date as well as:

- A new appendix that details expected population growth by jurisdiction between 2015-2045
- Documentation of advertising for the public comment period
- Minor editorial updates

A public meeting was also held on Monday, February 10 at 5:30 pm at The Rapid. Seventeen people were in attendance, including five staff members from GVMC, two staff members from MDOT, one staff member from The Rapid, one representative from our PR firm, and eight members of the public—including a professor and student from GVSU and several members of Grand Rapids Climate Action. The members of the public expressed a variety of concerns, including these highlights:

- Educating the public about moving away from Single Occupant Vehicles (SOVs)
- Radically changing the document to better address the climate change emergency and to consider transit as the dominant means of travel in the future, including funding transit at 10 times the current level
- Improving the survey and response rate
- Better connecting land use and transportation, so that transportation drives land use instead of land use driving transportation

All of these comments were addressed at the meeting.



The Technical Committee approved the draft MTP with comments to date at their March 4<sup>th</sup> meeting, and the document was scheduled to proceed to the Policy Committee on March 18. However, that meeting was cancelled due to the COVID-19 outbreak. Since the date of the Technical Committee, two additional comments have been received, which have been responded to and incorporated into the document, starting on page 340. GVMC staff is asking the Technical and Policy Committees to approve the draft document at the April 15 meeting. The document will remain in draft form until it is approved by the GVMC Board, which is anticipated to take place on May 7.

Due to the large file size, **please access the draft 2045 MTP at [www.gvmc.org/mtp](http://www.gvmc.org/mtp).**

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

**Recommended Action:** Approval of GVMC's 2045 MTP



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**MEMORANDUM**

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**DATE:** April 6, 2020

**TO:** GVMC Policy Committees

**FROM:** Andrea Faber, Transportation Planner

**RE:** **Resolution of Support for Transportation Conformity Determination Report**

---

Per the court decision in *South Coast II*, beginning February 16, 2019, transportation conformity determinations for the 1997 ozone standard are needed for those areas that were maintenance areas when the 1997 ozone standard was revoked and then attainment for the 2008 and 2015 ozone standard, which includes GVMC's MPO area.

MDOT has written a Transportation Conformity Determination Report for the 1997 ozone National Ambient Air Quality Standards (NAAQS) for the Grand Rapids orphan maintenance area which includes the GVMC 2045 MTP and the 2020-2023 TIP. This document demonstrates that these planning documents meet the Clean Air Act and Transportation Conformity rule requirements for the 1997 ozone NAAQS to conform to the State Implementation Plan as required by provisions of Title 40 CFR 51.390 and 93, and the *South Coast II* decision according to EPA's Transportation Conformity Guidance for the *South Coast II* decision, and meets Title 23 CFR 450.

Therefore, GVMC is requesting Policy Committee acceptance of the conclusions of the Transportation Conformity Determination Report for the 1997 Ozone NAAQS for the Grand Rapids orphan maintenance area for the GVMC 2045 Metropolitan Transportation Plan and 2020-2023 Transportation Improvement Program identified in the attached resolution.

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

**Recommended Action:** Policy Committee acceptance of the conclusions of the Transportation Conformity Determination Report

***Resolution***

**Resolution to Accept the Transportation Conformity Determination Report for the 1997 Ozone NAAQS for the Grand Rapids Orphan Maintenance Area  
for the Grand Valley Metropolitan Council  
2045 Metropolitan Transportation Plan and 2020-2023 Transportation Improvement Program**

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

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

WHEREAS, the EPA designated the Grand Rapids nonattainment area of Kent and Ottawa counties as a maintenance area for the 1997 ozone NAAQS in May 2007 and attainment in July 2012 for the stricter 2008 ozone NAAQS and in August 2018 for the 2015 ozone NAAQS; and

WHEREAS, the Grand Rapids maintenance area is deemed an “orphan” area, and Grand Valley Metropolitan Council (GVMC) is wholly contained in the Grand Rapids orphan maintenance area; and

WHEREAS, GVMC is the designated Policy Committee and Metropolitan Planning Organization for the Grand Rapids urban area; and

WHEREAS, the conformity of GVMC’s 2045 Metropolitan Transportation Plan, including the 2020-2023 Transportation Improvement Program (TIP), will be pending approval by the Federal Highway Administration after local action on the conformity report by the GVMC Policy Committee; and

NOW THEREFORE BE IT RESOLVED that the Policy Committee of the Grand Valley Metropolitan Council accepts the conclusions of the Transportation Conformity Determination Report for the 1997 Ozone NAAQS for the Grand Rapids orphan maintenance area for the GVMC 2045 Metropolitan Transportation Plan and 2020-2023 Transportation Improvement Program; and

BE IT FURTHER RESOLVED, that the Transportation Conformity Determination Report for the 1997 Ozone NAAQS for the Grand Rapids orphan maintenance area demonstrates that these planning documents meet the Clean Air Act and Transportation Conformity rule requirements for the 1997 ozone NAAQS to conform to the State Implementation Plan as required by provisions of Title 40 CFR 51.390 and 93, and the South Coast II decision according to EPA’s Transportation Conformity Guidance for the South Coast II Decision, and meets Title 23 CFR 450.

ATTEST: \_\_\_\_\_

Terry Schweitzer, Chair  
Grand Valley Metropolitan Council Policy Committee

Date: April 15, 2020



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**MEMORANDUM**

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**TO:** GVMC Policy Committee Members

**FROM:** Laurel Joseph, Director of Transportation Planning

**DATE:** Wednesday, April 8, 2020

**RE:** Proposed FY2021 Unified Planning Work Program Activities and Budget

---

The FY2021 Unified Planning Work Program (UPWP) for the Grand Valley Metropolitan Council (GVMC) includes the budget for all federally assisted transportation planning activities that the GVMC Transportation Division, the Interurban Transit Partnership (ITP) and the Michigan Department of Transportation (MDOT), will undertake. GVMC must submit the UPWP annually to the sponsoring federal agencies, Federal Highway Administration and Federal Transit Administration, prior to October 1st. It functions as the coordinated budget for the Metropolitan Planning Organization (MPO).

Attached to this memo, a general outline of the FY2021 UPWP transportation tasks related to the GVMC Transportation Department and associated budget to complete these tasks. The GVMC Transportation Program receives its local match through dues assessed to the participating member agencies. As proposed, dues overall will remain the same in FY2021.

If you have any questions please call me at 776-7610.

**Recommendation:** Recommendation of Approval of the Proposed FY2021 UPWP.

**Grand Valley Metropolitan Council**  
**Fiscal Year (FY) 2020-2021 Unified Planning Work Program**  
**Planning Priorities & Budget**

The activities undertaken by the Grand Valley Metropolitan Council (GVMC) transportation department principally relate to overall transportation program management and fulfillment of federal requirements in the Fixing America's Surface Transportation Act "FAST Act" and state mandated requirements. The priorities/activities for the GVMC transportation department are prescribed by federal and state law requirements. Funding for all MPO activities is provided by the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and the MPO members on an 80/20 split. The 20% local match is mandated by federal law for any MPO to receive transportation planning funds. GVMC will manage a six-billion-dollar Metropolitan Transportation Plan (MTP) and an approximately one hundred-million-dollar annual Transportation Improvement Program.

The FAST Act creates a performance-based program and builds on many of the highway, transit, bike, and pedestrian programs and policies established in previous transportation bills since 1991. The cornerstone of the FAST Act highway program is the transition to a performance and outcome-based program to increase accountability and efficiency in the way federal transportation dollars are spent. The intention is that, under this performance-based planning program, states/MPOs will invest resources in projects that help to achieve individual performance targets and collectively will make progress toward national goals. In the FAST Act, the metropolitan transportation planning processes are continued and enhanced to incorporate performance goals, measures, and targets into the process of identifying needed transportation improvements and project selection. Public involvement remains a hallmark of the planning process. Requirements for a long-range plan and a short-term Transportation Improvement Program (TIP) continue, with the long-range plan to incorporate performance plans required by the Act for specific programs. The long-range plan must describe the performance measures and targets used in assessing system performance and progress in achieving the performance targets. The TIP must also be developed to make progress toward established performance targets and include a description of the anticipated achievements.

**Statutory citation(s):** MAP-21, FAST Act §§1106, 1112-1113, 1201-1203; 23 USC 119, 134-135, 148-150

The FY2021 Unified Planning Work Program (UPWP) for Transportation Planning in the Grand Rapids Metropolitan Area incorporates in one document all federally assisted state, regional, and local transportation planning activities proposed to be undertaken in the region from October 1, 2020 through September 30, 2021. The program provides a process for the coordination of transportation planning activities in the area and is required as a basis and condition for all federal funding assistance for transportation planning by the final planning regulations issued February 14, 2007 by the Federal Highway Administration (FHWA) and the Federal Transit Administration.

MAP-21, which became effective October 1, 2012, made some important modifications to the metropolitan planning process, primarily requiring metropolitan planning organizations (MPOs) to establish and use a performance-based approach to transportation decision making and development of transportation plans. The FAST Act, which became effective December 4, 2015, continues with the same planning requirements. This planning work program has been developed to comply with and implement anticipated changes regarding metropolitan planning as called for in the FAST Act. At the time of writing, the FAST Act is scheduled to expire on September 30, 2020. However, it is anticipated this legislation will be extended.

The level of planning effort for the GVMC MPO is driven by the 2045 MTP and operational planning needs of the various transportation operating agencies. The MTP addresses numerous state and federal requirements, among which are the FAST Act, the Americans with Disabilities Act, the 1990 Clean Air Act Amendments, responses to Certification Findings by FHWA, and Michigan Department of Transportation (MDOT) requirements. Staff time and resources are focused to address issues such as intermodal planning, congestion management, pavement management, safety planning, transit planning and concerns, ITS, traffic operations, freight transportation planning, environmental justice, air quality, environmental quality, nonmotorized, and needs of the transportation underserved.

The Metropolitan Planning program under the FAST Act provides funding for the integration of transportation planning processes in the MPOs into a unified metropolitan transportation planning process, culminating in the preparation of a multimodal transportation metropolitan plan for the MPO. Title 23 of the United States Code, section 134(f) (revised in SAFETEA-LU section 6001(h)) describes Federal Planning Factors issued by Congress to emphasize planning factors from a national perspective. Under the FAST Act, the original MAP-21 planning factors remain unchanged, and two new planning factors have been added. The increased focus level and activities regarding these issues is the result to the FAST Act identified ten broad planning factors. The MPO must consider these factors when developing plans and annual programs. The GVMC transportation planning activities and budget are developed to address these factors and other state and federal requirements. The ten planning factors (for both metro and statewide planning) are as follows:

- Support the economic vitality of the metropolitan area, especially by enabling global competitiveness, productivity, and efficiency;
- Increase the safety of the transportation system for motorized and nonmotorized users;
- Increase the security of the transportation system for motorized and nonmotorized users;
- Increase the accessibility and mobility of people and for freight;
- Protect and enhance the environment, promote energy conservation, improve the quality of life, and promote consistency between transportation improvements and State and local planned growth and economic development patterns;
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight;
- Promote efficient system management and operation;
- Emphasize the preservation of the existing transportation system;
- Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation;
- Enhance travel and tourism

Each of these factors is addressed through various work program tasks selected for FY2021, as shown on page 3:

## FAST ACT PLANNING - UPWP WORK TASK MATRIX

Planning Factor UPWP Task	Economic Vitality	Increase Safety	System Security	Accessibilit y	Protect Environment	Integratio n of System	Efficiency	System Preservatio n	Resiliency & Reliability	Travel and Tourism
Demographic/Economic Pro.	X	X	X	X	X	X	X	X	X	X
Traffic Volume & Physical C.	X	X		X	X	X	X	X	X	
Geographic Info. System	X	X	X	X	X	X	X	X		
Travel Demand Model/AQ	X	X	X	X	X	X	X	X		
Metropolitan Transportation Plan Development/Update	X	X	X	X	X	X	X	X	X	X
Transportation Improvement Program Update	X	X	X	X	X	X	X	X	X	X
Technical Assistance	X	X	X	X	X	X	X	X	X	X
Clean Air Action Program	X	X		X	X		X			
Freight	X	X	X		X	X	X	X	X	
Non-Motorized Planning	X	X		X	X	X	X	X	X	X
Safety Conscious Planning	X	X	X			X	X	X	X	X
Pavement Management Sys.	X			X		X	X	X	X	X
Congestion Management Sys.	X	X	X	X	X	X	X	X	X	
Asset Management	X			X		X	X	X	X	
Rideshare	X			X	X	X	X		X	
ADA Planning/Compliance	X	X	X	X	X	X				
Human Resources Planning	X	X	X	X		X	X			
Administration	X	X	X	X	X	X	X	X		
Land Use and Transportation Coordination	X	X	X	X	X	X	X	X	X	X

In addition to the planning factors under the FAST Act, several federal planning emphasis areas were also considered during the development of the UPWP. These planning areas are described below:

### FY 2021 Michigan Planning Program Emphasis Areas

- (1) **Administration of MPOs**
  - A. Review and update **Title VI and ADA** procedures as needed
- (2) **Performance-Based Planning and Programming**
  - A. **Stay engaged** in Michigan initiatives and national training opportunities
  - B. Incorporate **performance measures** and targets into goals and objectives
  - C. **Document** expected benefit of projects in TIPs, and LRTPs and how they will contribute to accomplishing performance targets
  - D. **Evaluate** the benefits/performance of TIP and LRTP projects to determine progress towards performance targets
  - E. Better align **project selection criteria** for TIPs / MTPs with performance measure targets
- (3) **Long Range Transportation Planning**
  - A. **Meet requirements** of new performance measure and planning regulations
  - B. Improve documentation and consideration of **environmental consultation** with outside environmental agencies including federal, state and local partners (per contact resources developed by MDOT/FHWA in 2018 and training held in 2017)
  - C. Advance **Environmental Justice** analysis, as needed, such as the inclusion of accessibility measures (per training held in 2016)
  - D. Improve upon existing **freight planning** efforts (per training from FHWA in 2018)
- (4) **S/TIP Improvements**
  - A. **Meet requirements** of new performance measure and planning regulations
  - B. Continue working cooperatively towards improving upon **JobNet and streamline STIP/TIP processes**
  - C. Expand the use of **JobNet features** (e.g. mapping capabilities)
  - D. Continued efforts to improvement **public involvement**

Each of these areas is addressed through various work program tasks/subtasks included for FY2021, as shown below:



Planning Emphasis Area/UPWP Planning Task	Performance-Based Planning	Long Range Transportation Planning	TIP Improvements	Administration of MPOs
Demographic & Economic Projections		X		X
Traffic Volumes & Physical Conditions	X	X	X	X
GIS System Maintenance & Update		X		X
Travel Demand/Air Quality Modeling	X	X		X
2045 Metropolitan Transportation Plan	X	X		X
Transportation Improvement Program	X		X	X
Technical Assistance	X	X	X	X
Clean Air Action! Program		X		X
Freight Planning	X	X	X	X
Nonmotorized Planning	X	X	X	X
Safety Conscious Planning	X	X	X	X
Pavement Management System	X	X	X	X
Congestion Management System	X	X	X	X
Asset Management	X	X	X	X
Administration	X	X	X	X
Land Use Monitoring and Coordination		X		X

In order to meet FAST Act requirements, the transportation annual budget contains funding for the following six work tasks:

**DATABASE MANAGEMENT**- Listing the work tasks needed to monitor and analyze area travel characteristics and factors affecting travel such as socio-economic and land use data, transportation system data, and environmental issues and concerns. Priorities include data collection and analysis, monitoring, and GIS capabilities development and update.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
\$35,400	\$129,568	\$0.00	\$0.00	\$0.00	\$36,581	\$201,549

**LONG RANGE PLANNING** - Identifying transportation system planning tasks related to the development of a sustainable multimodal transportation system. Priorities include the development/update of the Metropolitan Transportation Plan (MTP), identification of long range needs, developing multimodal investment strategies and project prioritization processes, air quality conformity, environmental justice, environmental mitigation, consultation, and updating and maintaining of the travel demand model.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
\$0.00	\$200,572	\$0.00	\$0.00	\$0.00	\$44,476	\$245,048

**SHORT RANGE PLANNING** - Identifying transportation system planning tasks related to short range transportation systems planning. Priorities include the development/update of the Transportation Improvement Program (TIP), providing technical assistance to MPO members, Intelligent Transportation System (ITS) planning, Management and Operations, Freight planning, Safety planning, Security, nonmotorized planning, public participation, and managing the Clean Air Action Program.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
\$0.00	\$348,348	\$ 80,000	\$0.00	\$0.00	\$97,245	\$525,593

**TRANSPORTATION MANAGEMENT SYSTEMS** - Listing the work tasks needed to monitor area travel characteristics and factors affecting congestion and pavement conditions. Priorities include collecting transportation system data and analysis, coordination with MDOT and local transportation providers, development of congestion and pavement investment plans, maintenance of the congestion management process, development of an asset management system, and implementation and monitoring of ITS solutions as a part of operation and management requirements. GVMC, in cooperation with MDOT, FHWA, FTA, and ITP, will work toward identifying data needs for developing performance indicators and measures for assessing/monitoring and reporting the condition of the multimodal transportation system as required by the FAST Act.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
\$114,590	\$245,252	\$0.00	\$24,000	\$0.00	\$79,794	\$463,636

**PROGRAM COORDINATION** - Describing task functions required to manage the transportation planning process on a continual basis, including program administration, development, review, and reporting. Priorities include the UPWP, public involvement, environmental justice, environmental mitigation, Title IV and ADA Policy, timely submittal of documents, MPO scheduled meetings, and coordination with all MPO member units. This task will also provide a platform to encourage and support regional cooperation and consolidation of regional transportation services.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
\$0.00	\$ 223,529	\$0.00	\$0.00	\$0.00	\$ 49,567	\$273,096

**LAND USE MONITORING AND TRANSPORTATION COORDINATION** - Linking land use decision-making and transportation planning throughout the region in a more effective way. Priorities include monitoring the development of local land use and transportation plans and coordinating with regional partners; updating land use related socio-economic data for use in the travel demand model (TDM); ongoing meetings with GVMC membership to coordinate local plans and policies related to land use and transportation with the intention of bringing about region-wide consensus for sustainable development and providing support for the basic elements of livability, environmental protection/enhancement, economic viability and performance measures; updating socio-economic (SE) land use data for use in the travel demand model; scenario planning; other long- and short-range planning needs studies in compliance with the Planning and Environmental Linkages (PEL) process; and collaborating with REGIS to contribute to the maintenance of the regional zoning and future land use geodatabases.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
\$0.00	\$ 42,979	\$0.00	\$0.00	\$0.00	\$ 9,530	\$52,509

**GVMC FY2021 Unified Work Program Activities**

- Travel Demand Model Update/Calibration/Validation/Air Quality (MOVES)**  
 GVMC staff will ensure the travel demand model is up to date with current and future socioeconomic and network conditions. Staff will also keep working to improve the travel demand model and integrate travel time reliability performance measures into the model. As part of routine model maintenance, staff will use revised Census data to refine trip purposes, generation rates and trip lengths; perform speed studies to verify model speeds and input into the Air Quality model if it's necessary; and produce summaries of the results and validation report. Staff will also participate in/conduct MITC-IAWG meetings, as needed, for the maintenance area and support MDOT's air quality modeling efforts..
- Safety Conscious Planning and Monitoring**  
 Each MPO is to develop a safety profile for integrating safety planning into the metropolitan planning process. GVMC will update the safety plan to identify the region's key safety needs and guide investment decisions to reduce fatalities and serious injuries (including pedestrian and bicyclist) on the region's highway network. The next phase is to identify the best method for area-wide integration.

Staff will continue to work with FHWA, MDOT and other member agencies to identify goals and performance targets. Staff will also continue to develop and refine the process for integrating safety considerations into the project identification and selection process, prepare regional safety data to provide to members to assist them in taking action on federally-required safety performance targets, and develop a performance report and submit it to MDOT in a timely manner. Furthermore, Staff will expand safety efforts by developing an outreach campaign to educate all users of our transportation system. This outreach campaign may include lunch and learns with a safety theme, school talks, promotional giveaways, and resource materials.

- **Transportation Geographic Information System**

This task will provide staff training to utilize the REGIS and GIS+/TransCad platforms. This activity will enable the transportation department to migrate fully to a platform that is compatible with the state Framework and REGIS. Staff will update the regional transportation database and will input all data in GIS format. Staff will utilize the GIS system to develop performance indicators and analyze the impact of performance measures and targets on the transportation system.

- **Freight Planning and Monitoring**

MPO staff will work closely with the Grand Rapids Chamber of Commerce transportation (“freight”) committee, GVMC’s Freight Committee, MDOT, local officials, and other interest groups in order to improve upon our existing freight planning efforts and to develop a regional freight plan. As part of this effort, GVMC staff will inventory and monitor freight routes and intermodal facilities within the metropolitan area and seek input from freight stakeholders to address freight needs. Staff will monitor regional freight movement and reliability to comply with FAST Act requirements and in support of performance-based planning requirements. Staff will also determine ways to provide freight data and information to members during the project selection process.

- **Clean Air Action! Program**

This task will continue the effort of the Council to educate and raise the awareness of the general public with regard to ground level ozone and PM 2.5 and their negative health impacts.

- **Congestion Management Process (CMP) and Monitoring**

To comply with this federal requirement in the FAST Act, the transportation department will continue to expand and improve the Congestion Management Process which allows us to monitor and evaluate congestion and its causes. GVMC staff will collect traffic and travel data by mode, when possible, to analyze recurring and non-recurring congestion. GVMC staff will analyze traffic accident data to identify high accident locations for future improvements. This task will enable GVMC to mitigate non-recurring congestion, reduce recurring congestion, improve day-to-day traffic operations, and improve global connectivity by enhancing freight management and operations.

- **Pavement Management System (PaMS) and Monitoring**

To assure compliance with the FAST Act, the transportation department will continue to improve the Pavement Management System which allows us to monitor pavement conditions in the most productive way and efficient fashion. GVMC will again collect pavement condition data within the MPO study area for 1,600 miles of federal aid. Staff will work with MDOT to determine the performance indicators, measures, and targets for the National Highway System.

- **Asset Management Data Collection**

Staff will continue to collect data on behalf of the Asset Management Council within the MPO

study area.

- **Transportation/Land Use Regional Coordination**  
This activity will continue our coordination with land use planning departments within the MPO study area. Staff will continue to develop and update the social economic data for use in the travel demand forecasting model and transportation mobility access and corridor studies.
- **2045 Metropolitan Transportation Plan (MTP) Development**  
Staff will work toward making positive progress on the recommendations identified in the 2045 MTP document, along with appropriate committees, stakeholders, and the public, by following the action steps identified in the document. Using the 2045 MTP and its findings as a guide, GVMC staff will place additional efforts on outreach to local shippers to bolster our freight planning efforts and develop outreach strategies and promotional materials that support safety initiatives. Staff will participate in/conduct MITC-IAWG meetings, if needed, to ensure any amendments to the MTP are air quality compliant. MPO staff will improve upon our environmental justice (EJ) and accessibility study efforts, review and update (if necessary) our Title VI and LEP plans, investigate new ways to improve outreach to underserved communities and the public at large, and continue to expand and improve upon the consultation process—including the maintenance of our new consultation plan. Staff will continue to meet performance-based planning requirements and update the System Performance Report, located in an appendix of the 2045 MTP. Staff will also continue to participate in the development of the State Long Range Transportation Plan.
- **2020-2023 Transportation Improvement Program (TIP) Update & Monitoring**  
Staff will maintain and update, as needed, the FY2020-2023 Transportation Improvement Program (TIP) as required by the FAST Act in cooperation with ITP, MDOT, FHWA, and FTA.
- **Intelligent Transportation System (ITS) Implementation**  
In coordination with MDOT, staff will review and update Intelligent Highway System (ITS) solutions/projects according to the ITS deployment plan developed for the region and evaluate ITS implementation strategies in the region.
- **Non-Motorized Plan**  
Staff will continue to work on updating the Nonmotorized Plan and amending any changes to the Metropolitan Transportation Plan.
- **Environmental Justice Process**  
Staff will continue to address EJ as part of the MTP and the TIP throughout the MPO study area.
- **Environmental Mitigation Process**  
Staff, in coordination with MDOT, FHWA, FTA, EGLE, and ITP, will continue to assess environmental impacts resulting from the MTP and TIP projects.
- **Transportation Accessibility Process**  
Staff, in coordination with MDOT, FHWA, FTA, and ITP, will continue to evaluate mobility accessibility within the MPO study area as required by the FAST Act.
- **Consultation Process**  
Staff, in coordination with MDOT, FHWA, FTA, and ITP, will continue to implement and update the consultation process adopted by the MPO for the development of the MTP and TIP and develop a consultation plan. The process provides feedback from the public, transportation interest groups,

and state and federal agencies.

- **Visualization Process**  
Staff, in coordination with MDOT, FHWA, FTA, and ITP, will continue to apply the visualization process throughout the MPO process as required by the FAST Act.
- **Transit Planning & Coordination**  
Staff will continue to coordinate with ITP, FTA, FHWA and MDOT on all transit-related needs, such as the transit model, MTP, TIP, and transit studies.
- **State and Federal Coordination and Cooperation**  
Staff will continue to meet on a regular basis with FHWA, FTA, MDOT, and EGLE to address transportation needs and issues.
- **Public Involvement/Information**  
Staff will continue to improve public involvement in the transportation process as required by the FAST Act.
- **Technical Assistance**  
Staff will continue to provide technical assistance on various projects as requested from the MPO members.

## Funding Sources for FY2020-2021 Planning Activities

All work, including MPO staff time and consultant studies, listed in the UPWP are funded by one or more of the following funding sources.

### FHWA Planning grant funds (also known as “PL” or metropolitan planning funds)

Federal planning funds can be used for up to 81.85 percent of a project, with a required 18.15 percent match typically provided by local governments.

### FHWA State Planning and Research (SPR) grant funds

SPR funds are federal dollars from the State Planning & Research Program administered by the Michigan Department of Transportation. Some SPR funds may be allocated to the MPO to help with planning studies. A 20 percent match is required that is provided by MDOT.

### FTA Section 5303 and 5307 grant funds

Section 5303 funds are federal funds designated for transit planning and research activities. FTA permits the use of Section 5307 funds not designated for operating assistance to supplement other funding in support of planning activities. Up to 80 percent of federal funds can be used for a project. Section 5303 and 5307 funds must be matched with a 20 percent non-federal share.

### FHWA Surface Transportation Program (STP) funds

Federal STP funds can be used for up to 81.85 percent of a project, with a required 18.15 percent match typically provided by local governments.

### FHWA Congestion Mitigation/Air Quality Program (CMAQ) funds

Federal CMAQ funds can be used for up to 80 percent of a project, with a required 20 percent match typically provided by local governments.

### Local matching funds

All federal grant funds require at least an 18.15 percent non-federal match. The MPO receives funding from member jurisdictions on a proportionate fair share basis using population distributions published by the most recent decennial census and lane miles as defined by the national highway functional classification network approved by MDOT and FHWA.

<u>GVMC FY2020-2021 MPO Revenue</u>	
<u>Estimates</u>	
STP-U	\$150,000
CMAQ	\$80,000
SECTION-5303	\$0.00
PL-112	\$1,190,246
SPR	\$0
State Asset Management	\$24,000
Local Match Required	\$317,194
<b>TOTAL</b>	<b>\$1,761,430</b>

## **Staffing**

Work load and federal funding is available to support six full-time and one part-time staff positions. The proposed staffing model is as follows:

Transportation Director  
Senior Transportation Planner (1)  
Transportation Planner (4)  
Part time Interns (1)

**Director of Transportation Planning:** Responsible for administration of the transportation planning program, development of the Council's transportation Unified Planning Work Program and policies, the Transportation Improvement Program, the Metropolitan Transportation Plan, establishment of project budgets, management of the transportation staff, management of the transportation department budget, staff coordinator of GVMC Transportation Committees, and coordinates with state and federal agencies.

**Senior Transportation Planner:** Duties will include travel demand modeling, traffic impact studies, updating the Transportation Management Systems (CMS, PMS and SMS), air quality conformity analysis for the TIP and the Metropolitan Transportation Plan, involvement in the ITS program, performance measures monitoring and reporting, coordinating efforts with MDOT and FHWA regarding safety issues.

**Transportation Planner:** Duties will include managing the Transportation Improvement Program including TAP and CMAQ projects, GIS data development and updates, assisting in the development of SMS and updating of the PaMS, environmental justice and mitigation analyses, performance measures monitoring and reporting.

**Transportation Planner:** Duties will include managing Clean Air Action Program activities, managing the development of the freight plan, managing the Metropolitan Transportation Plan, managing public participation outreach efforts and the consultation process, environmental justice activities, work on developing a regional safety plan as a part of the MTP, performance measures monitoring and reporting.

**Transportation Planner:** Duties will include collecting traffic data, HPMS updates, providing technical assistance to local units of government, updates and management of the regional nonmotorized plan, participation in early transit route planning and services with the transit providers, and land use activities, performance measures monitoring and reporting.

**Transportation Planner:** Duties will include assistance in preparing agendas for the Transportation Programming Study Group, Technical and Policy Committee meetings, updating traffic and demographic data files, assisting with the TIP and MTP, GIS data updates, and coordination with MDOT, FHWA, transit providers and local units of government, performance measures monitoring and reporting.

It is assumed that all staff time will be charged to MPO transportation-related activities.



**Staff Responsibilities**

	<b>Activity</b>	<b>Duration</b>
<b>George Yang</b>	Travel Demand Modeling	Year Long
	Safety Planning and Monitoring	Year Long
	Congestion Management Process	Year Long
	Air Quality Analysis	As Needed
	Technical Assistance	Year Long
	Congestion Performance Monitoring	Year Long
	Safety Performance Monitoring	Year Long
	Performance Measures Reporting	Year Long

	<b>Activity</b>	<b>Duration</b>
<b>Michael Zonyk</b>	TIP Management	Year Long
	Asset Management	6 Months
	GIS Transportation Data	Year Long
	Technical Assistance	Year Long
	Performance Measures Reporting	Year Long
	Environmental Justice and Environmental Mitigation Analysis	Year Long

	<b>Activity</b>	<b>Duration</b>
<b>Andrea Faber</b>	Clean Air Action Program	Year Long
	Freight Planning	Year Long
	Public Involvement/Consultation	Year Long
	Transportation Plan updates	Year Long
	Technical Assistance	Year Long
	MTP Performance Measures Reporting	3 Months
	Environmental Justice/Accessibility	Year Long
	Safety Planning	Year Long

	<b>Activity</b>	<b>Duration</b>
<b>Bradley Doane</b>	Transit Planning/Coordination	Year Long
	Asset Management	6 Months
	Performance Measures Reporting	6 Months
	HPMS	3 Months
	Technical Assistance	Year Long
	Traffic Counts	Year Long
	Nonmotorized Planning	Year Long
	Clean Air Action Program	4 Months
	Land Use/Transportation Coordination	Year Long