



GRAND VALLEY METROPOLITAN COUNCIL

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POLICY COMMITTEE

Wednesday, May 15, 2019

9:30 AM

**KENT COUNTY ROAD COMMISSION OFFICES
COMMISSIONERS BOARD ROOM
1500 SCRIBNER NW, GRAND RAPIDS**

AGENDA

- I. ROLL CALL AND INTRODUCTIONS**
- II. APPROVAL OF MINUTES—ACTION: Dated March 20, 2019
Please refer to Item II: Attachment A**
- III. OPPORTUNITY FOR PUBLIC COMMENT (GENERAL)**
- IV. FY2017-2020 AND FY2020-2023 TIP AMENDMENTS/MODIFICATIONS—ACTION:
MDOT, The Rapid, and staff are requesting to amend/modify the FY2017-2020 and
FY2020-2023 TIP.
Please refer to Item IV: Attachment A**
- V. OPPORTUNITY FOR PUBLIC COMMENT (FY2020-2023 TIP)**
- VI. APPROVAL OF DRAFT FY2020-2023 TIP—ACTION: Staff is requesting the
Committee's approval of the draft FY2020-2023 TIP before it is presented to the Board
for final approval in June.
Please refer to Item VI: Attachment A**
- VII. ADDITIONS TO THE NON-MOTORIZED PLAN LIST—ACTION: The City of Grandville
is requesting to add four projects to the Non-Motorized Plan project list.
Please refer to Item VII: Attachment A**
- VIII. OPPORTUNITY FOR PUBLIC COMMENT (FY2020 UPWP)**
- IX. PROPOSED FY2020 UNIFIED PLANNING WORK PROGRAM (UPWP) ACTIVITIES
AND BUDGET —ACTION: Staff is requesting the Committee's approval of the
proposed FY2020 UPWP activities and budget before it is presented to the Board for
final approval in June.
Please refer to Item IX: Attachment A**



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- X. AIR QUALITY CONFORMITY RESOLUTION OF SUPPORT—ACTION:** Staff is requesting approval of the resolution of support for the results of the air quality conformity analysis for the new FY2020-2023 TIPs.
Please refer to Item X: Attachment A
- XI. PRESENTATION ON RESULTS OF GVMC’S CERTIFICATION REVIEW—**
INFORMATION: FHWA staff will provide a brief presentation on the results of GVMC’s certification review that took place last summer.
- XII. OTHER BUSINESS**
- XIII. ADJOURNMENT**

MINUTES

**Grand Valley Metropolitan Council
Transportation Division
POLICY COMMITTEE
Wednesday, March 20, 2019
Kent County Road Commission
1500 Scribner NW, Grand Rapids, MI**

Schmalzel, chair of the Policy Committee, called the meeting to order at 9:31 am.

I. ROLL CALL AND INTRODUCTIONS**Voting Members Present**

Darrell Schmalzel, *Chair*

Terry Brod

Mike Burns

Dan Burrill

Andrew Johnson

Dennis Kent

Greg Madura

Jeff McCall

*Proxy for
Josh Naramore*

Casey Ries

Terry Schweitzer

Rick Sprague

*Proxy for
Wayne Harrall*

Dan Strikwersa

*Proxy for
Jim Holtrop*

Cameron Van Wyngarden

Steve Warren

Rod Weersing

Stephen Wooden

City of Walker

Cannon Township

City of Lowell

City of Wyoming

The Rapid

MDOT

Alpine Township

City of Grand Rapids

City of Grand Rapids

GFIAA

City of Kentwood

KCRC

Kent County

City of Hudsonville

City of Hudsonville

Plainfield Township

KCRC

Georgetown Township

Kent County Commission

Staff and Non-Voting Guests Present

Andrea Faber

Art Green

Abed Itani

Laurel Joseph

Terry Martin

Norm Sevensma

Brad Sharlow

Kerri Smit

Rick Sprague

Mike Zonyk

GVMC

GRTSG, MDOT

GVMC

GVMC

Carrier & Gable

RWBC-WMEWAC

MDOT

GVMC

KCRC

GVMC

Voting Members Not Present

Gail Altman

Tim Bradshaw

Terry Brod

Jamie Davies

Jamestown Township

City of Kentwood

Cannon Township

City of Rockford

Michael DeVries
Robert DeWard
Adam Elenbaas
Karyn Ferrick
Betty Gajewski
Rachel Gokey
Kevin Green
Tim Grifhorst
George Haga
Jerry Hale
Bryan Harrison
Jim Holtrop
Jim Holtvluwer
Tom Hooker
Ken Krombeen
Doug LaFave
Brett Laughlin
Jim Miedema
Eric Mullen
Josh Naramore
Tom Noreen
Rob Postema
Sandy Stelma
Julius Suchy
Ben Swayze
Toby VanEss
Mike Womack
Member awaiting appointment

Grand Rapids Charter Township
Gaines Charter Township
Allendale Township
City of Grand Rapids
OCRC
Village of Sand Lake
Algoma Township
Tallmadge Township
Ada Township
Lowell Township
Caledonia Charter Township
City of Hudsonville
Ottawa County
Byron Township
City of Grandville
City of East Grand Rapids
OCRC
OCRC
MDOT
City of Grand Rapids
Nelson Township
City of Wyoming
Village of Caledonia
Village of Sparta
Cascade Charter Township
Tallmadge Township
City of Cedar Springs
Courtland Township

II. **APPROVAL OF MINUTES**

Schmalzel entertained a motion to approve the January 16, 2019 Policy Committee minutes.

MOTION by Burrill, SUPPORT by Sprague, to approve the Policy Committee meeting minutes. MOTION CARRIED UNANIMOUSLY.

III. **OPPORTUNITY FOR PUBLIC COMMENT**

Stevensma asked if there was any information on the proposed gas tax. Schmalzel and Kent advised that it had not been introduced yet.

IV. **FY2017 – 2020 TIP AMENDMENTS/MODIFICATIONS**

Referring to **Item IV: Attachment A**, Joseph explained the requests and added that there were a couple projects added after the Technical Committee Meeting. Most of the projects were approved by the Technical Committee.

MDOT, KCRC, Grand Rapids, and Staff on behalf of Hope Network and ACSET are requesting to amend/modify the FY2017-2020 TIP. The TPSG Subcommittee is also recommending action to program surplus STP-Urban funds. Here are the specific requests:

MDOT is requesting the amendments/modifications to the TIP project list and GPA projects in the attached JobNet summaries. MDOT is also requesting the review and approval of the 2019 Trunkline Road GPA threshold and associated projects.

KCRC is requesting to move a project from the illustrative list into the 2019 TIP that is being funded with rural STP funds they've purchased from Montcalm County. It's not impacting funding from any other project.

City of Grand Rapids is requesting to modify an existing 2019 CMAQ project by adding local participating and non-participating costs. Advised the committee that the memo handed out noted one federal amendment however they only need modifications and will not require a federal amendment.

Staff on behalf of Hope Network is requesting to add a 5310 transit operations project to the 2020 TIP. Adding this job is also triggering a GPA threshold increase, which should be reviewed for approval.

Staff on behalf of ACSET is requesting to add a 5310 bus replacement project to the 2019 TIP. Adding this job is also triggering a GPA threshold increase, which should be reviewed for approval.

Joseph continued to explain the GPA threshold report in JobNet and that team did a rebase lining of GPA's to make sure the accounting is looking at program costs vs obligated cost. In doing that some 2019 projects needed to be reapproved. There is a list of local pending projects that mostly have to do with cases that are made for the FY2020-2023 program. Some years remained the same and some adjustments were made to budgets. Safety projects were also added to FY2020.

Joseph added that the team would be working on a better way to present all the reports.

Schweitzer asked about the recommendation from the TPSG meeting on obligation authority. Joseph answered that it would be addressed later in this meeting. Schweitzer also asked about the Hope Network project on whether or not the services were involved. Joseph advised that she would follow up on it.

MOTION by Schweitzer, SUPPORT by VanWyngarden, to accept the FY2017-2020 TIP AMENDMENTS/MODIFICATIONS. MOTION CARRIED UNANIMOUSLY

The TPSG Subcommittee had an emergency meeting on February 26, 2019 to program \$484,322 in 2019 STP-Urban funds that had not been part of the GVMC allocation at the time the FY17-20 TIP was originally programmed. Their recommendations, which are up for consideration by the Tech Committee are as follows:

- o Allocate \$183,000 to the City of Grand Rapids Hastings Street project (Prospect to College reconstruction), which is currently significantly over- matched. New federal amount would be \$630,450 and the new local participating amount would be \$1,588,499. Total project cost won't change.

- o Allocate the rest (\$301,322) to KCRC for their portion of the approach work on the 100th Street Bridge project.

Initially the TPSG committee suggested that the funds go under the MDOT job. However after discussions with MDOT in Lansing they did not agree with that proposal. Due to the fact that local programs operate on a first come first serve basis. Joseph advised the committee to review the memo from Harrall in regards to just creating a new project.

- o If for some reason the Grand Rapids is unable to make obligation in 2019, the subcommittee recommends flexing the unobligated amount to ITP to go toward the purchase of a bus.

MOTION by Warren, SUPPORT by Johnson, to accept the TPSG Subcommittee's TIP MODIFICATIONS to surplus 2019 STP-Urban funds. MOTION CARRIED UNANIMOUSLY.

V. NONMOTORIZED PROJECT LIST

Referring to **Item V: Attachment A** Zonyk discussed. We are preparing to get the Nonmotorized Subcommittee together to start recommending the pool of projects to go through the MGS process for possible funding with 2021-2023 regional TAP funds. According to GVMC's Policies and Practices document, "all nonmotorized projects requesting federal funds must be endorsed by the MPO to receive federal funds and be included in the TIP." One way to demonstrate this endorsement is by showing the project in GVMC's Nonmotorized Plan project list, which is illustrative in nature, but demonstrates the nonmotorized needs in the region. This is the list the committees use to choose the pool of projects that they recommend should move forward through the MGS application process with the eventual goal of receiving regional TAP funding as conditional commitments are awarded.

When we put out the call for projects for the FY2020-2023 TIP programming we got a few submissions for potential TAP projects that were not already in the NM Plan list, which led staff to send out an additional request for review of the NM Plan project list and submittal of any nonmotorized needs that had not been added since the last update. The list of project additions is attached for your review and action. Reminder, no funding is being committed to any new project at this point.

The goal at this time is to make sure all the needs are represented so that the NM Subcommittee will have everything in front of them when they start their recommendation process. We will do a thorough inventory update in the coming months when we get ready to start the MTP update process.

Zonyk also added that two projects were not on the list at the time of the Technical Committee Meeting, Grand Rapids Township, Crahen Valley Park Trail and Jamestown Township on 32nd Avenue Sidepath.

MOTION by Burrill, SUPPORT by Madura, to approve the on behalf of multiple jurisdictions, is to add several nonmotorized projects to the Nonmotorized Plan project list. MOTION CARRIED UNANIMOUSLY

VI. UPDATED TIP LANGUAGE TO REFLECT PM 2 AND 3

Referring to **Item VI: Attachment A** Joseph explained. As part of the implementation of federal performance-based planning requirements, starting May 20, 2019 any updates or amendments to the TIP or MTP must be developed according to the performance-based provisions of 23 CFR Part 450 and the pavement and bridge condition and system performance and freight performance measure requirements.

This means that the MPO must update the "Performance Measures and Project Selection" chapter of the FY17-20 TIP document to reflect how we incorporated these performance measures into our programming process. Staff has drafted this additional language and is asking the Committee to review and provide comments; the modified chapter is attached and highlighted to show the new changes/additions. Action will be determined at the upcoming meeting.

Joseph added that there were changes made after the Technical Committee Meeting based on their comments. The table with the FY2019 Targets was added. Also, added/changed some language

MOTION by Brod, SUPPORT by Schweitzer, to approve the FY2017-2020 TIP text amendments to incorporate additional performance measure requirements.
MOTION CARRIED UNANIMOUSLY

VII. UPWP AMENDMENT

Referring to **Item VII: Attachment A** Joseph discussed that ITP-The Rapid is requesting to amend the FY2019 Unified Planning Work Program to add a planning project for transit oriented development and multimodal planning on the Silver Line Corridor. This is a discretionary planning grant they were recently selected to receive. Johnson added more information about the project.

If approved by the Policy Committee, the UPWP amendment will move forward to the GVMC Board for their review and action at their next meeting.

MOTION by Strikwersa, SUPPORT by Wooden, to approve the ITP-The Rapids request of an amendment to the FY2019 UPWP. MOTION CARRIED UNANIMOUSLY

VIII. AIR QUALITY CONFORMITY RESOLUTION OF SUPPORT

Referring to **Item VIII: Attachment A** Faber discussed that 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 conducted an air quality conformity analysis of GVMC's 2040 Metropolitan Transportation Plan and 2017-2020 Transportation Improvement Program (TIP) in accordance with 40 CFR 51, and the results demonstrate that the forecasted volatile organic compound (VOC) and nitrogen oxide (NOx) emissions for all analysis years are

below the State Implementation Plan (SIP) budgets (see table below). The complete document is available at www.gvmc.org/air-quality.

Analysis Year	Emissions (tons/day)	
	VOC	NOx
SIP Budget	40.7	97.87
2020	10.02	11.27
2030	6.13	5.20
2040	4.34	3.22

Therefore, we are requesting formal approval of the attached resolution of support for the results of the air quality conformity analysis.

Faber added that there is currently a public comment period and the document is available on the website.

MOTION by Sprague, SUPPORT by Johnson, to approve the resolution of support for the results of the air quality conformity analysis. MOTION CARRIED UNANIMOUSLY

IX. STATE LONG RANGE TRANSPORTATION PLAN UPDATE

Brad Sharlow from MDOT presented on the status of the State's Long Rang Transportation Plan and provided opportunity for comments from the Committee/public. MDOT hopes to finish the first round of public involvement by April.

Ries asked how this plan is different from GVMC's State plan. Discussion ensued.

Faber added that she would be putting together a steering committee to develop the next MTP. Which would be looking at goals and objectives. Looking for around ten to fifteen committee members and the public to attend.

Discussion Ensued.

X. OTHER BUSINESS

Joseph added that the May meeting will be the last meeting to make modifications to the FY2020 projects until October 1st. Including TAP projects. FY2019 changes/modifications can still be made.

Kent advised on Spring Construction.

Itani mentioned his retirement next March.

Green went over the upcoming MDOT projects.

XI. ADJOURNMENT

Schmalzel entertained a motion to adjourn the March 20, 2019 Policy Committee meeting.

MOTION by Burrill, SUPPORT by Wooden, to adjourn the March 20, 2019 Policy Committee meeting at 10:33 am. MOTION CARRIED UNANIMOUSLY.



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MEMORANDUM

DATE: May 8, 2019

TO: Policy Committee

FROM: Laurel Joseph, Transportation Planner

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

MDOT, ITP-The Rapid, and staff on behalf of Kent County Community Action, Senior Neighbors, and United Methodist Community House are requesting to amend/modify the FY2017-2020 TIP. Here are the specific requests:

- MDOT is requesting the amendments/modifications to the TIP project list and GPA projects in the attached memo and JobNet summaries. MDOT is also requesting the review and approval of the 2019 Trunkline Road GPA threshold and associated projects (please see attachments).
- ITP-The Rapid is requesting to amend/modify line items in their FY19 5307 and 5339 projects resulting from revisions to their federal apportionment (see attached memo. Staff on behalf of ITP-The Rapid is also requesting to amend/modify FY19 and FY20 CMAQ jobs in the TIP resulting from technical corrections to the way these projects were programmed in JobNet (see attached pending projects report). Some of these technical corrections have also triggered GPA threshold issues, which should be reviewed for approval (see attached GPA threshold report).
- Staff, on behalf of Kent County Community Action, Senior Neighbors, and United Methodist Community House, is requesting to add FY19 5310 projects to the TIP that were recently selected by MDOT to receive funding (see JobNet pending projects report attached). These projects will be included in the FY19 Transit Capital GPA, the threshold for which also needs to be reviewed for approval (see attached GPA threshold report)

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



GRETCHEN WHITMER
GOVERNOR

STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

PAUL C. AJEGBA
DIRECTOR

DATE: April 29, 2019

TO: Abed Itani, Transportation Director
Grand Valley Metro Council

FROM: Dennis Kent, Region Transportation Planner
MDOT/Grand Region

SUBJECT: **FY 2017-20/2020-23 MDOT TIP Revisions – Update #2**

MDOT is requesting the following Amendments, MPO Adjustments and/or Administrative Modifications to the GVMC FY 2017-20 and/or FY 2020-23 MPO Transportation Improvement Program (TIP) project list and General Program Account (GPA) projects and GPA threshold budgets. Some of these are in the process of being programmed, and therefore not on the JobNet summary.

FY 2018/19/20 – Trunkline Project Changes

FY	JN	Route	Location	Work Description	Phase	Total Cost Est. (\$000)	Change
19	207934	M-46	M-37 to US-131 in northern Kent County	Resurface	PE & Const.	\$2,500	New CPM project
19	207943	M-37 (East Beltline)	Lake Eastbrook Blvd to I-96	Concrete pavement repairs	Const.	\$100	New CPM project
19	207944	M-21	The Grand River to Bennett Street	Concrete Pavement repairs	Const.	\$100	New CPM project
19	N/A	Areawide	Trunkline Road GPA Threshold Budget	Increase Threshold	N/A	\$2,700	Modify GPA Budget
19	202669	US-131	100 th Street Interchange (From west of S. Kent Drive to Division Avenue)	Bridge replacement, ramp reconstruction, turning lanes and non-motorized facilities and related work	Const.	\$10,200	Modify limits, work description and budget
19 & 20	200652	M-37	From N.O. the Patterson Avenue north segment to 60th Street, on SB	Minor widening and lane extensions	PE-'19 Const – '20	\$223-PE \$1,854-CON	New Project

These TIP revisions are the result of Statewide and Region, road and bridge program, cost and revenue modifications. Please amend and/or modify the GVMC FY 2017-2020/20-23 MPO TIP, to include these project revisions as needed. Feel free to contact me at 616/451-3091 if you have any questions.

Thank you for your consideration.

cc GVMC MPO Committees
V. Weerstra, MDOT
L. Joseph/GVMC

E. Mullen, MDOT
T. Doyle, MDOT
A. Faber/GVMC

S. Rozema, MDOT
A. Green, MDOT
B. Loehle



Interurban Transit Partnership

300 Ellsworth Avenue SW Grand Rapids, MI 49503-4005 616.456.7514 • Fax 616.774.1195

March 19, 2019

Ms. Laurel Joseph
Grand Valley Metro Council
678 Front Ave, N.W., Suite 200
Grand Rapids MI 49504-5319

Dear Laurel,

In preparation of the FY 2019 Federal Transit Administration (FTA) grant application, The Rapid is requesting the following modification to the FY 2019 Transportation Improvement Program (TIP). Requested modifications are shown below using the project name along with the original federal budget amounts.

Source	Project	Original Federal Budget	Modified Federal Request
5307	Replacement CNG Buses	2,896,000	2,934,722
5307	Passenger Shelters	8,000	0
5339	Replacement CNG Buses	1,200,000	1,100,200

If you have any questions or require additional information please call me at 774-1164.

Sincerely,
Liz Schelling
Grants Officer



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2019, 2020

Date: 05/06/2019

Page: 1 of 3

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	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	MPO/Rural Approval Date	FHWA Approval Date	FTA Approval Date	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	Federal Amendment Type	Comments	S/TIP Status	
Local Road																																
2020	Local	130580	Grand Valley Metropolitan Council (GVMC)	Kent	Kent County	Fruit Ridge Avenue	6 Mile Road to 10 Mile Road	4.000	Road Rehabilitation	Full depth resurface			CON	Programmed	17-20	\$877,000	\$0	\$323,000	\$1,200,000	STL	1,200,000	01/16/2019		N/A	10/01/2019		12/06/2019		GPA over 24%, Scope Constructi on Length Change, Scope Work Sub Category Change		Pending	
GPA Type Subtotals:			Local Road														\$877,000	\$0	\$323,000	\$1,200,000												
S/TIP Line items																																
2019	Local	130545	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Ellsworth Ave	Areawide	0.001	Planning, Research & Design	Free rides on Clean Air Action Days			EPE	Abandoned	17-20	\$80,000	\$0	\$20,000	\$100,000	CM		04/05/2019		N/A	02/04/2019		02/06/2019		Phase Abandone d		Pending	
2019	Local	130548	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Ellsworth Ave	Areawide	0.001	Railroad	1 Replacement Go Bus			EPE	Abandoned	17-20	\$80,000	\$20,000	\$0	\$100,000	CM		04/05/2019		N/A	10/26/2018		02/15/2019		Phase Abandone d		Pending	
2020	Local	130555	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Ellsworth Ave	Areawide	0.001	Planning, Research & Design	Free rides on Clean Air Action Days			EPE	Abandoned	17-20	\$40,000	\$10,000	\$0	\$50,000	CM		04/17/2019		N/A	10/01/2019		12/06/2019		Phase Abandone d		Pending	
2020	Trunkline	202386	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	At the Rockford Rest Area	0.000	Roadside Facilities - Preserve	Rehabilitate sanitary drain field			CON	Programmed	17-20	\$223,946	\$49,659	\$0	\$273,605	ST	309,293	06/27/2018	06/27/2018	N/A	05/15/2020		07/10/2020				Pending	
2019	Trunkline	203017	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Grand Region longitudinal pavement markings	Grand Rapids Area	1.089	Traffic Safety	Application of longitudinal pavement markings			PE	Abandoned	17-20	\$1,350	\$150	\$0	\$1,500	HSIP	2,570,793			N/A	11/01/2018		03/01/2019	03/15/2019	Phase Abandone d		Pending	
2019	Trunkline	203018	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Grand Region special pavement markings	Grand Rapids Area	1.863	Traffic Safety	Application of special pavement markings			PE	Abandoned	17-20	\$90	\$10	\$0	\$100	HSIP	513,824			N/A	01/18/2019		03/01/2019	03/15/2019	Phase Abandone d		Pending	
2020	Multi-Modal	207776	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1702-ozone action	FY20 CMAQ - Free Rides on Clean Air Action Days			NI	Programmed	17-20	\$40,000	\$10,000	\$0	\$50,000	CM	50,000	04/05/2019		N/A	09/30/2020						Pending	
GPA Type Subtotals:			S/TIP Line items														\$465,386	\$89,819	\$20,000	\$575,205												
Transit Capital																																
2019	Multi-Modal	203289	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY19 Section 5339 Bus CNG Replacement (3)			NI	Programmed	17-20	\$1,100,200	\$275,050	\$0	\$1,375,250	5339	1,375,250	05/30/2018	N/A	05/31/2018	09/30/2019				GPA over 24%		Pending	
2019	Multi-Modal	204808	Grand Valley Metropolitan Council (GVMC)	Kent	Hope Network, Inc.	36th St SE	Areawide/Kent County	0.000	P000-Capital	Purchases buses and SUV's.			NI	Programmed	17-20	\$449,300	\$112,325	\$0	\$561,625	5310	561,625			N/A		09/30/2019				GPA over 24%		Pending
2019	Multi-Modal	204811	Grand Valley Metropolitan Council (GVMC)	Kent	Hope Network, Inc.	36th St SE	Areawide/Kent	0.000	P000-Capital	Purchases buses.			NI	Programmed	17-20	\$40,775	\$10,194	\$0	\$50,969	5310	50,969			N/A		09/30/2019				GPA over 24%		Pending
2019	Multi-Modal	207756	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2019 CMAQ Transit Capital Improvements			NI	Programmed	17-20	\$720,000	\$180,000	\$0	\$900,000	CM	900,000			N/A	09/30/2019						Pending	
2019	Multi-Modal	207766	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY2019 CMAQ - Transit Capital Improvement			NI	Programmed	17-20	\$80,000	\$20,000	\$0	\$100,000	CM	100,000			N/A	09/30/2019						Pending	
2019	Multi-Modal	208011	Grand Valley Metropolitan Council (GVMC)	Kent	Area Community Service Employment and Training	Transit Capital	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY19 Section 5310 Three (3) less-than 30 foot medium small buses			NI	Programmed	17-20	\$271,826	\$67,957	\$0	\$339,783	5310	339,783			N/A		09/30/2019				GPA over 24%		Pending
2019	Multi-Modal	208013	Grand Valley Metropolitan Council (GVMC)	Kent	Senior Neighbors	Transit Capital	Areawide	0.000	SP1101-<30 foot replacement bus with or without lift	FY19 Section 5310 Up to Three (3) Small Buses			NI	Programmed	17-20	\$187,603	\$46,901	\$0	\$234,504	5310	234,504			N/A		09/30/2019				GPA over 24%		Pending
2019	Multi-Modal	208014	Grand Valley Metropolitan Council (GVMC)	Kent	United Methodist Community House	Transit Capital	Areawide	0.000	SP1111-sedan/car (revenue) replacement	FY19 Section 5310 One (1) SUV			NI	Programmed	17-20	\$38,800	\$9,700	\$0	\$48,500	5310	48,500			N/A		09/30/2019				GPA over 24%		Pending
GPA Type Subtotals:			Transit Capital														\$2,888,504	\$722,127	\$0	\$3,610,631												
Transit Operating																																
2020	Multi-Modal	207757	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY20 CMAQ - Rideshare Program			NI	Programmed	17-20	\$165,454	\$0	\$0	\$165,454	CMG	165,454			N/A	09/30/2020						Pending	



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2019, 2020

Date: 05/06/2019

Page: 2 of 3

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	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	MPO/Rural Approval Date	FHWA Approval Date	FTA Approval Date	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	Federal Amendment Type	Comments	S/TIP Status				
2019	Multi-Modal	207759	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Operating	Areawide	0.000	SP1701-rideshare	FY2019 CMAQ - Transit Operating - Rideshare			NI	Programmed	17-20	\$157,575	\$0	\$0	\$157,575	CMG	157,575				N/A	09/30/2019					Pending				
2019	Multi-Modal	207762	Grand Valley Metropolitan Council (GVMC)	Kent	Interurban Transit Partnership	Transit Capital	Areawide	0.000	SP1702-ozone action	FY2019 CMAQ - Transit Operating - Clean Air Action Days			NI	Programmed	17-20	\$80,000	\$20,000	\$0	\$100,000	CM	100,000				N/A	09/30/2019					Pending				
GPA Type Subtotals:			Transit Operating													\$403,029	\$20,000	\$0	\$423,029																
Trunkline Road																																			
2019	Trunkline	207934	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-46	M-37 east to US-131	9.466	Road Capital Preventive Maintenance	Milling & One Course Asphalt Overlay			CON	Programmed	17-20	\$2,042,158	\$452,843	\$0	\$2,495,000	ST	2,500,000				N/A	07/12/2019	09/06/2019		GPA over 24%		Pending				
2019	Trunkline	207943	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37	Lake Eastbrook Boulevard north to I-96	3.821	Road Capital Preventive Maintenance	Partial Depth Concrete Pavement Repair with Hot Mastic			CON	Programmed	17-20	\$81,851	\$18,151	\$0	\$100,000	NH	100,000				N/A	06/03/2019			GPA over 24%		Pending				
2019	Trunkline	207944	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-21	The Grand River east to Bennett Street	0.751	Road Capital Preventive Maintenance	Partial Depth Concrete Pavement Repair with Hot Mastic			CON	Programmed	17-20	\$81,851	\$18,151	\$0	\$100,000	ST	100,000				N/A	06/03/2019			GPA over 24%		Pending				
GPA Type Subtotals:			Trunkline Road													\$2,205,860	\$489,145	\$0	\$2,695,000																
Trunkline Roadside Infrastructure Improvement																																			
2020	Trunkline	128768	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	I-96: M-37 east to M-44; I-196 @ M-11 Interchange	2.775	Operation Improvements	Upgrade to LED			PE	Abandoned	17-20	\$5,458	\$530	\$76	\$6,064	IM		10/03/2016	10/03/2016		N/A	10/01/2019					Pending				
GPA Type Subtotals:			Trunkline Roadside Infrastructure Improvement													\$5,458	\$530	\$76	\$6,064																
Trunkline Scoping, Studies, and Training																																			
2020	Trunkline	48564	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96 EB	I196:US131-I96;Leonard-Cascade;M44:M21-Knapp	10.829	Planning, Research & Design	Corridor Study and EA			CON	Research	17-20	\$999,643,706	\$97,706,560	\$13,364,963	\$1,007,947,350	IM	1,826,604	03/20/2019			N/A	07/30/2020			Phase Added		Pending				
GPA Type Subtotals:			Trunkline Scoping, Studies, and Training													\$999,643,706	\$97,706,560	\$13,364,963	\$1,007,947,350																
Trunkline Traffic Operations And Safety																																			
2019	Trunkline	200652	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37 SB	60th Street to Patterson Avenue (N Junction)	0.666	Minor Widening	Extend 3rd lane from 60th St north to Patterson Ave (N Jct)			PE	Programmed	17-20	\$182,526	\$38,654	\$1,821	\$223,000	NH	2,077,000				N/A	06/28/2019	09/04/2020		GPA over 24%		Pending				
2020	Trunkline	200652	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-37 SB	60th Street to Patterson Avenue (N Junction)	0.666	Minor Widening	Extend 3rd lane from 60th St north to Patterson Ave (N Jct)			CON	Programmed	17-20	\$1,517,499	\$321,359	\$15,142	\$1,854,000	NH	2,077,000				N/A	07/10/2020	09/04/2020		GPA over 24%		Pending				
GPA Type Subtotals:			Trunkline Traffic Operations And Safety													\$1,700,025	\$360,013	\$16,963	\$2,077,000																
Grand Total:																																			
																1,008,188,968	\$99,388,194	\$13,725,003	\$1,018,534,279																

Total Jobs Reported: 26

Preferences:

Report Format: Standard

FISCAL Year(s): 2019, 2020

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

County: ALL

Prosperity Region: ALL

MDOT Region: ALL

STIP Cycle: ALL



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2019, 2020

Date: 05/06/2019

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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	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost	MPO/Rural Approval Date	FHWA Approval Date	FTA Approval Date	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	Federal Amendment Type	Comments	S/TIP Status
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STIP Status: Pending
(A - Approved, P - Pending)

Job Type: Trunkline, Local, Multi-Modal

Phase Type: ALL

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

Amendment Type: ALL

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

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



GENERAL PROGRAM ACCOUNT (GPA) TARGET REPORT

Date: May 06, 2019

Page: 1 of 1

Fiscal Year	MPO	Job Type	GPA	Status	Threshold Amount	Usage Amount	Proposed Amount	Change Amount	Remaining Amount	MPO Approval Date	Fed Approval Date
2019	GVMC	Local	Local Bridge	Local Approved	\$3,270,500	\$3,270,500	\$0	\$0	\$0	03/18/2019	
2019	GVMC	Local	Local Livability and Sustainability	Local Approved	\$4,503,639	\$3,446,064	\$0	\$0	\$1,057,575	04/10/2019	
2019	GVMC	Local	Local Road	Local Approved	\$13,845,855	\$13,845,855	\$0	\$0	\$0	04/22/2019	
2019	GVMC	Local	Local Traffic Operations And Safety	Federal Approved	\$2,346,014	\$2,346,014	\$0	\$0	\$0	03/21/2019	03/26/2019
2019	GVMC	Multi-Modal	Transit Capital	Proposed	\$1,886,457	\$3,672,588	\$1,587,600	\$0	\$0		
2019	GVMC	Multi-Modal	Transit Operating	Proposed	\$0	\$257,575	\$257,575	\$0	\$0		
2019	GVMC	Trunkline	Trunkline Bridge	Federal Approved	\$400,051	\$400,051	\$0	\$0	\$0	11/15/2018	11/20/2018
2019	GVMC	Trunkline	Trunkline Road	MDOT Submitted	\$3,414,004	\$6,109,009	\$2,695,005	\$0	\$0		
2019	GVMC	Trunkline	Trunkline Traffic Operations And Safety	Proposed	\$3,929,461	\$4,140,962	\$211,501	\$0	\$0		
2020	GVMC	Local	Local Livability and Sustainability	Local Approved	\$4,914,034	\$3,286,080	\$0	\$0	\$1,627,954	02/27/2019	
2020	GVMC	Local	Local Road	Local Approved	\$10,452,784	\$10,443,750	\$0	\$0	\$643,619	04/15/2019	
2020	GVMC	Local	Local Traffic Operations And Safety	Local Approved	\$4,205,333	\$4,205,333	\$0	\$0	\$0	03/29/2019	
2020	GVMC	Multi-Modal	Transit Capital	Federal Approved	\$14,782,950	\$2,670,524	\$0	\$13011985	\$12,112,426	11/09/2018	12/21/2018
2020	GVMC	Multi-Modal	Transit Operating	Proposed	\$383,000	\$548,454	\$165,454	\$0	\$0		
2020	GVMC	Trunkline	Trunkline Bridge	Federal Approved	\$3,649,753	\$3,649,753	\$0	\$0	\$0	11/15/2018	11/20/2018
2020	GVMC	Trunkline	Trunkline Road	Federal Approved	\$639,001	\$575,001	\$0	\$0	\$64,000	11/15/2018	11/20/2018
2020	GVMC	Trunkline	Trunkline Traffic Operations And Safety	Proposed	\$4,694,615	\$6,548,615	\$1,854,000	\$0	\$0		
Grand Total:					\$77,317,451	\$69,416,128	\$6,771,135	\$13,011,985.00	\$15,505,574		

Number of Records: 17

Preferences:

Years : 2019, 2020

MPO : Grand Valley Metropolitan Council (GVMC)



GRAND VALLEY METROPOLITAN COUNCIL

ADA TOWNSHIP • ALGOMA TOWNSHIP • ALLENDALE TOWNSHIP • ALPINE TOWNSHIP • BELDING • BYRON TOWNSHIP • 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 • OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD
SAND LAKE • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

MEMORANDUM

DATE: May 8, 2019

TO: Policy Committee

FROM: Laurel Joseph, Transportation Planner

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

On behalf of all jurisdictions with projects programmed in the FY2020-2023 TIP, staff is requesting the recommendation for approval of the FY2020-2023 Transportation Improvement Program (TIP) document by the Policy Committee in order to move forward with all necessary approvals by the GVMC Board, the Michigan Department of Transportation (MDOT), the Federal Highway Administration (FHWA), and the Federal Transit Administration (FTA). The Technical Committee recommended approval at their May 1 meeting. The document is located on GVMC's website at this address:

https://static1.squarespace.com/static/59dce13bb1ffb65b4d405588/t/5cc9cb3bc83025e89944be66/1556728648830/1_DRAFT_FY2020-2023TIP_DocOnly.pdf

The process to develop this document began in October 2018. Upon completion of the deficiencies analysis and call for projects the Transportation Programming Study Group (TPSG) and Rural Subcommittees met in December 2018 and began programming projects for the FY2020-2023 TIP. The result of that programming effort is reflected in the attached preliminarily approved FY2020-2023 TIP list of projects – which includes local, MDOT, and transit projects – as well as an Illustrative list of projects.

This list of preliminarily approved projects was used to for consultation, public involvement, environmental justice review, and air quality conformity analysis. The details of these processes and their outcomes are documented in the TIP document.

Based on work type and other guidelines, projects were either placed in a General Program Account (GPA) grouping (e.g. road resurfacing, bridge, transit capital, etc.) or included as an individual line item (e.g. reconstruction projects, major widening, etc.). The resulting 2020-2023 GPA thresholds are also included in this packet for review.

GVMC will take comments on the entire FY2020-2023 TIP document through June 6, 2019.

GVMC is the designated Metropolitan Planning Organization (MPO) for the Grand Rapids metro area and is responsible for the development of the TIP, which is required by both FTA and FHWA.

It is the finding by GVMC that the transportation planning process implemented to develop the Metropolitan Transportation Plan (MTP) and the TIP is certified in accordance with the requirements of US Code 23 CFR 450 and that the FY2020-2023 TIP is consistent with the Grand Rapids Area 2040 MTP and conforms to the State Implementation Plan (SIP) for air quality.

The current FY2017-2020 TIP remains in effect until the FY 2020-2023 TIP is approved by MDOT and the Governor, and has been found to conform to the SIP by FHWA and FTA.

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

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2020	Local	Kent	Grand Rapids	Plainfield Ave NE	Plainfield Ave from I-96 to 390' N or Salerno Dr	0.225	5ft Sidewalk both sides			CON	\$192,499	\$0	\$304,400	\$496,899	TAU	496,899
2020	Local	Kent	Grand Rapids	Hall St	Division Avenue to Jefferson Avenue	0.174	Rotomill and Resurface			CON	\$100,000	\$0	\$25,000	\$125,000	STU	125,000
2020	Local	Kent	Grand Rapids	Walker Ave	Walker Avenue/Seventh Street - Stocking Avenue to Leonard Street	1.072	Rotomill and Resurface			CON	\$580,000	\$0	\$145,000	\$725,000	STU	725,000
2020	Local	Kent	Grand Rapids	Madison Ave	28th Street to Alger Street	0.507	Rotomill and Resurface			CON	\$284,000	\$0	\$71,000	\$355,000	STU	355,000
2020	Local	Kent	Grand Rapids	Alger St	Madison Avenue to Eastern Avenue	0.501	Reconstruction/rotomill/resurface			CON	\$532,000	\$0	\$133,000	\$665,000	STU	665,000
2020	Local	Kent	Grand Rapids	Ottawa Ave	Fulton Street to Michigan Street	0.532	Rotomill and Resurface			CON	\$284,000	\$0	\$71,000	\$355,000	STU	355,000
2020	Local	Kent	Grand Rapids	Eastern Ave	Ardmore Street to Oakdale Street	0.626	Rotomill and Resurface			CON	\$500,000	\$0	\$125,000	\$625,000	STU	625,000
2020	Local	Kent	Grand Rapids	Lake Dr SE	Lake Drive - Atlas Ave to ECL	0.273	Rotomill and Resurface			CON	\$400,000	\$0	\$100,000	\$500,000	STU	500,000
2020	Local	Kent	Grand Rapids	Market Ave	various locations	0.001	Signal detection install/upgrades var locations			CON	\$142,000	\$0	\$58,000	\$200,000	CM	200,000
2020	Local	Kent	Grand Rapids	Market Ave	Various	0.001	Signal optimization @ up to 120 Fed aid locations			CON	\$213,000	\$0	\$87,000	\$300,000	CM	300,000
2020	Local	Kent	Grand Rapids	Market Ave	Areawide	0.001	Regional Signal System TMS Operations			EPE	\$528,000	\$0	\$132,000	\$660,000	CM	660,000
2020	Local	Kent	Grand Rapids	East Paris Avenue SE	East Paris Avenue SE at Burton Street SE, city of Grand Rapids	0.052	Traffic signal modernization			CON	\$162,400	\$0	\$40,600	\$203,000	HSIP	203,000
2020	Local	Kent	Grand Rapids	Fuller Avenue NE	Fuller Ave at Malta, Short, Bradford, and Sweet St. city of Grand Rapids	0.068	Traffic signal modernization, pedestrian hybrid beacon			CON	\$331,155	\$0	\$36,795	\$367,950	HSIP	367,950
2020	Local	Kent	Grand Rapids	Fuller Avenue NE	Fuller Ave at Leonard, Knapp, Averdeen, and 3 Mile Rd, city of Grand Rapids	0.114	Traffic signal modernization			CON	\$476,203	\$0	\$52,912	\$529,115	HSIP	529,115
2020	Local	Kent	Grand Rapids	Leonard St NW	Leonard Street at Scriber Avenue, city of Grand Rapids	0.029	Traffic signal modernization			CON	\$219,600	\$0	\$24,400	\$244,000	HSIP	244,000
2020	Local	Kent	Grand Rapids	Hall St	Fuller Avenue to Colorado Avenue	0.298	Reconstruction			CON	\$400,000	\$0	\$100,000	\$500,000	STU	500,000
2020	Local	Kent	Grand Rapids	Hall St	Kalamazoo Avenue to Fuller Avenue	0.289	Reconstruction			CON	\$400,000	\$0	\$100,000	\$500,000	STU	500,000
2020	Local	Kent	Grand Rapids	Division Ave	Wealthy Street to Cherry Street	0.248	Reconstruction	ACC	2020	CON	\$127,709			\$127,709	STU	3,080,892
2020	Local	Kent	Grand Rapids	Alger St	Eastern Avenue to Kalamazoo Avenue	0.732	Reconstruction			CON	\$981,250	\$0	\$268,750	\$1,250,000	STU	1,250,000
2020	Local	Kent	GVMC	Front Ave	Areawide	0.001	Clean Air Action Days			CON	\$80,000	\$0	\$20,000	\$100,000	CM	100,000
2020	Local	Kent	GVMC	Areawide	Areawide	0.000	Planning Studies			EPE	\$150,000	\$0	\$37,500	\$187,500	STU	187,500
2020	Multi-Modal	Kent	Hope Network, Inc.	Transit Operations	Areawide	0.000	Enhanced Mobility of Seniors and individuals with disabilities			NI	\$306,400	\$76,600	\$0	\$383,000	5310	383,000
2020	Local	Ottawa	Hudsonville	New Holland St	New Holland Street North Side of street, City of Hudsonville	0.274	10' wide Non-motorized Pathway N of New Holland St, E of Buttermilk Creek			CON	\$151,200	\$0	\$125,146	\$276,346	TAU	276,346
2020	Local	Ottawa	Hudsonville	32nd Ave	I-196 Bridge to Corporate Grove Drive	0.245	Left Turn Lane			CON	\$280,000	\$0	\$70,000	\$350,000	STU	350,000
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1803-planning/studies			NI	\$400,000	\$100,000	\$0	\$500,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting			NI	\$720,000	\$180,000	\$0	\$900,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1801-preventative maintenance			NI	\$960,000	\$240,000	\$0	\$1,200,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1303-bus shelter purchase			NI	\$8,160	\$2,040	\$0	\$10,200	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)			NI	\$16,000	\$4,000	\$0	\$20,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)			NI	\$40,800	\$10,200	\$0	\$51,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1409-administrative vehicle			NI	\$61,200	\$15,300	\$0	\$76,500	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)			NI	\$76,000	\$19,000	\$0	\$95,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1207-architect and engineer			NI	\$81,600	\$20,400	\$0	\$102,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1805-contingency			NI	\$81,600	\$20,400	\$0	\$102,000	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1302-bus shelter improvements			NI	\$41,052	\$10,263	\$0	\$51,315	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities			NI	\$139,830	\$34,957	\$0	\$174,787	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1807-traffic signals (prioritization, upgrades, etc.)			NI	\$259,147	\$64,787	\$0	\$323,934	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1402-fare collection			NI	\$382,035	\$95,509	\$0	\$477,544	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift			NI	\$389,524	\$97,381	\$0	\$486,905	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)			NI	\$1,019,586	\$254,897	\$0	\$1,274,483	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)			NI	\$1,264,744	\$316,186	\$0	\$1,580,930	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements			NI	\$1,309,998	\$327,500	\$0	\$1,637,498	5307	12,793,079
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$2,983,186	\$745,797	\$0	\$3,728,983	5307	12,793,079

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1702-ozone action			NI	\$40,000	\$10,000	\$0	\$50,000	CM	50,000
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$966,419	\$241,605	\$0	\$1,208,024	5339	1,208,024
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$1,070,000	\$267,500	\$0	\$1,337,500	CM	1,337,500
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift			NI	\$100,000	\$25,000	\$0	\$125,000	CM	125,000
2020	Multi-Modal	Kent	ITP-The Rapid	Transit Operating	Areawide	0.000	SP1701-rideshare			NI	\$165,454	\$0	\$0	\$165,454	CMG	165,454
2020	Local	Kent	Kent County	Burton St SE	Burton St from Patterson Avenue to Highridge Hills Lane (Pvt.), Cascade Twp	0.364	Burton Street Trail from Patterson Avenue to Highridge Hills Lane (Pvt.)			CON	\$1,286,669	\$0	\$692,821	\$1,979,490	TA	1,979,490
2020	Local	Kent	Kent County	Fruit Ridge Avenue	6 Mile Road to 10 Mile Road	4.000	Full depth resurface			CON	\$877,000	\$0	\$323,000	\$1,200,000	STL	1,200,000
2020	Local	Kent	Kent County	68th St SW	Byron Center Avenue to Burlingame Avenue	1.032	Resurface			CON	\$646,500	\$0	\$253,500	\$900,000	EDCF	900,000
2020	Local	Kent	Kent County	Segwun Ave SE	South of Segwun Avenue to Grand River Drive	0.347	Widen to 3 Lanes			CON	\$0	\$713,014	\$178,254	\$891,268	EDC	891,268
2020	Local	Kent	Kent County	84th St	Division Avenue to Eastern Avenue	0.975	Reconstruct to 3 lane			CON	\$0	\$1,040,261	\$260,065	\$1,300,326	EDC	1,300,326
2020	Local	Kent	Kent County	84th St	Kalamazoo Avenue to Breton Avenue	1.004	Reconstruction			CON	\$1,120,000	\$0	\$280,000	\$1,400,000	STU	1,400,000
2020	Local	Kent	Kent County	68th St SW	From Burlingame Avenue to Clyde Park Avenue	1.004	Widening from 2 to 3 Lanes			CON	\$566,500	\$0	\$233,500	\$800,000	EDCF	800,000
2020	Local	Kent	Kentwood	44th St SE	Breton Avenue to Shaffer Avenue	1.002	Mill and Resurface			CON	\$500,000	\$0	\$125,000	\$625,000	STU	853,750
2020	Local	Kent	Kentwood	44th St SE	Breton Avenue to Shaffer Avenue	1.002	Mill and Resurface			CON	\$183,000	\$0	\$45,750	\$228,750	NH	853,750
2020	Local	Kent	Kentwood	Burton St	Burton/East Paris Intersection	0.001	Add right turn lanes on NE and NW quads			CON	\$184,600	\$0	\$75,400	\$260,000	CM	260,000
2020	Trunkline	Ottawa	MDOT	I-196 (EB)	West of 32nd Avenue east to East of the Ottawa/Kent County Line	5.303	Reconstruction			CON	\$19,800,000	\$2,200,000	\$0	\$22,000,000	IM	22,000,000
2020	Trunkline	Ottawa	MDOT	I-196	I-196 from 32nd Ave to 44th St.	4.839	Traffic Surveillance Cameras			CON	\$409,250	\$90,750	\$0	\$500,000	ST	500,000
2020	Trunkline	Kent	MDOT	M-37	Lake Eastbrook Boulevard north to I-96	3.665	Full Depth Concrete Pavement Repairs, ADA Ramps			CON	\$1,327,198	\$294,302	\$0	\$1,621,500	NH,HIPU	1,711,500
2020	Trunkline	Kent	MDOT	M-37	44th Street north to 32nd Street	1.771	Milling and One Course Asphalt Overlay, ADA Ramps			CON	\$713,732	\$140,463	\$17,805	\$872,000	NH	932,000
2020	Trunkline	Kent	MDOT	Regionwide	I196 EB OFF RAMP @ 44TH ST I-196 WB OFF-RAMP @ 44TH ST I196BS (CHICAGO DR) @ BURLINGAME (Sue survey ordered) US131 NB OFF RAMP @ PEARL,SCRIBNER	0.000	Traffic Signal Modernizations; connected vehicle installations.			CON	\$784,944	\$0	\$0	\$784,944	STG	2,108,084
2020	Trunkline	Kent	MDOT	I-196	The Grand River east to Lane Avenue	2.501	Concrete Joint Repairs and High Friction Surface Treatment			CON	\$3,870,000	\$430,000	\$0	\$4,300,000	IM	4,475,000
2020	Trunkline	Ottawa	MDOT	M-45	96th Ave to 68th Ave	6.095	Milling & One Course Asphalt Overlay			CON	\$660,920	\$145,080	\$0	\$806,000	NH	1,560,000
2020	Trunkline	Kent	MDOT	US-131	At the Rockford Rest Area	0.000	Rehabilitate sanitary drain field			CON	\$223,946	\$49,659	\$0	\$273,605	ST	309,293
2020	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.332	Longitudinal pavement marking application in Grand Region			PE	\$1,653	\$184	\$0	\$1,837	HSIP	2,692,500
2020	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.332	Longitudinal pavement marking application in Grand Region			CON	\$592,043	\$65,783	\$0	\$657,825	HSIP	2,692,500
2020	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	3.634	Special marking application on trunkline routes in Grand Region			PE	\$1,653	\$184	\$0	\$1,837	HSIP	742,500
2020	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	3.634	Special marking application on trunkline routes in Grand Region			CON	\$162,068	\$18,008	\$0	\$180,075	HSIP	742,500
2020	Trunkline	Kent	MDOT	Grand Regionwide Pvmt Mrkg Retro Readings	All of GVMC MPO	2.113	Pvmt mrkg retroreflectivity readings on trunklines in Grand Region			CON	\$3,749	\$417	\$0	\$4,165	HSIP	17,000
2020	Trunkline	Kent	MDOT	M-37 N	M37 (Alpine) @ 7 Mile Rd. M37 (Alpine) @ N Center Dr, Old Orchard M37 (ALPINE) @ CENTER DR,K MART DR M21 (FULTON) @ SPAULDING US-131 SB OFF RAMP @ 68TH ST US-131 SB OFF-RAMP @ MARKET AVE / CHERRY ST US131 NB OFF RAMP @ 68TH ST I96 EB OFF RAMP @ LEONA	0.000	Traffic Signal Modernization; connected vehicle installations			ROW	\$5,000	\$0	\$0	\$5,000	STG	2,709,872

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2020	Trunkline	Kent	MDOT	I-196	I-196 EB over M-45 WB ramp	0.000	Shallow ovrlly, beam rprs			CON	\$1,530,000	\$170,000	\$0	\$1,700,000	IM	1,924,700
2020	Trunkline	Kent	MDOT	I-196 EB	I-196 EB over M-45	0.000	Shallow ovrlly, substr repr			CON	\$1,530,000	\$170,001	\$0	\$1,700,000	IM	1,923,352
2020	Trunkline	Ottawa	MDOT	I-196 EB	over 32nd Avenue	0.000	Deck patch, epoxy overlay			CON	\$224,777	\$24,975	\$0	\$249,752	IM	249,752
2020	Trunkline	Kent	MDOT	Regionwide	Grand Region	0.000	Overband Crack Fill (FPVS)			CON	\$470,638	\$104,363	\$0	\$575,000	NH	595,000
2020	Trunkline	Kent	MDOT	I-96 WB	At M-21	0.001	I-96 WB Weave-Merge lane and add M-21 WB off ramp			CON	\$1,526,503	\$338,498	\$0	\$1,865,000	CM	2,849,000
2020	Trunkline	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	2020 WMTOC Control Room Operations			EPE	\$662,985	\$147,015	\$0	\$810,000	CM	810,000
2020	Trunkline	Kent	MDOT	Front Ave NW	Various locations in Grand Region	0.000	2020 ITS maintenance & operations in Grand Region			EPE	\$806,223	\$178,778	\$0	\$985,000	CM	985,000
2020	Trunkline	Kent	MDOT	Regionwide	Regionwide	0.000	Road Weather information Systems			EPE	\$193,149	\$42,830	\$0	\$235,979	ST	4,704,006
2020	Trunkline	Kent	MDOT	Regionwide	Regionwide	0.000	Road Weather information Systems			PE	\$463,557	\$102,793	\$0	\$566,350	ST	4,704,006
2020	Trunkline	Kent	MDOT	M-6	M-6 WB and US-131 SB	0.000	Electrical service for six (6) existing VDS			CON	\$50,798	\$11,264	\$0	\$62,062	NH	62,062
2020	Trunkline	Kent	MDOT	US-131	7 locations in Kent County	4.977	ITS camera and VDS installation			PE	\$139,327	\$30,895	\$0	\$170,222	NH	1,342,860
2020	Local	Ottawa	Ottawa County	12th Ave	10th Ave/Golfside to 12th Avenue, Georgetown Twp	1.608	Grand River Greenway Trail Phase III (Cottonwood Drive to Bend Area)			CON	\$260,007	\$0	\$173,338	\$433,345	TA	433,345
2020	Local	Ottawa	Ottawa County	Adams Street	48th Avenue to 24th Avenue	3.022	Asphalt Overlay and shoulder widening			CON	\$0	\$73,179	\$0	\$73,179	EDD	1,450,000
2020	Local	Ottawa	Ottawa County	Adams Street	48th Avenue to 24th Avenue	3.022	Asphalt Overlay and shoulder widening			CON	\$1,107,867	\$0	\$268,954	\$1,376,821	STL	1,450,000
2020	Local	Ottawa	Ottawa County	Port Sheldon St	44th Street to Main Street	2.493	Resurface			CON	\$620,000	\$0	\$450,000	\$1,070,000	STU	1,070,000
2020	Local	Ottawa	Ottawa County	44th St	Chicago Drive to 8th Avenue	1.685	Resurface			CON	\$400,000	\$0	\$440,000	\$840,000	STU	840,000
2020	Local	Kent	Rockford	Courtland St NE	Courtland/Northland from Monroe to Wolverine	0.887	Resurface			CON	\$396,000	\$0	\$99,000	\$495,000	STU	495,000
2020	Local	Kent	Walker	Sunset Hills Ave NW	Lake Michigan Drive to Jason Ridge Lane	0.604	Resurface			CON	\$320,000	\$0	\$80,000	\$400,000	STU	400,000
2020	Local	Kent	Walker	Three Mile Road	Walker Avenue at 3 Mile Road	0.001	Add dual lefts from EB 3 Mile Road to NB Walker	ACC	2020	CON	\$320,000			\$320,000	CM	867,811
2020	Local	Kent	Wyoming	Byron Center Ave	South City Limit to 44th Street	2.028	Rotomill and Resurface			CON	\$520,000	\$0	\$130,000	\$650,000	NH	1,340,000
2020	Local	Kent	Wyoming	Byron Center Ave	South City Limit to 44th Street	2.028	Rotomill and Resurface			CON	\$550,000	\$0	\$140,000	\$690,000	STU	1,340,000
2020	Local	Kent	Wyoming	Byron Center Ave	At 44th Street	0.001	Add NB RT Only Lane			CON	\$142,000	\$0	\$58,000	\$200,000	CM	200,000
2021	Local	Kent	Caledonia	Kinsey Ave SE	Main Street to Maple Street	0.341	Asphalt Reconstruct with sidewalk			CON	\$283,111	\$0	\$91,889	\$375,000	STU	375,000
2021	Local	Kent	Cedar Springs	N Main St NE	N Main Street over Cedar Creek, Str# 5185, City of Cedar Springs	0.000	Bridge Replacement			CON	\$1,171,200	\$219,600	\$73,200	\$1,464,000	BRT	1,464,000
2021	Local	Kent	East Grand Rapids	Hall St SE	Wilshire Drive to Lake Drive	1.051	Cold Mill HMA Surface and HMA Resurface			CON	\$641,718	\$0	\$208,282	\$850,000	STU	850,000
2021	Local	Kent	Grand Rapids	Madison Ave SE	Alger Street to Burton Street	0.499	Milling and Asphalt Overlay			CON	\$254,800	\$0	\$82,700	\$337,500	STU	337,500
2021	Local	Kent	Grand Rapids	Hall St SE	Sylvan Avenue to 1,275' East of Plymouth Avenue	0.505	Milling and two course asphalt resurfacing			CON	\$245,363	\$0	\$79,637	\$325,000	STU	325,000
2021	Local	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Signal optimization at up to 120 fed aid locations			CON	\$240,000	\$0	\$60,000	\$300,000	CM	300,000
2021	Local	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	Regional Signal System TMS Operations			OPS	\$264,000	\$0	\$396,000	\$660,000	CM	660,000
2021	Local	Kent	Grand Rapids	E Fulton St	Arthur to Wallinwood	0.402	Reconstruction			CON	\$537,910	\$0	\$174,590	\$712,500	STU	712,500
2021	Local	Kent	Grand Rapids	Godfrey Ave SW	Liberty Street to Oxford Street	0.501	Reconstruction			CON	\$358,607	\$0	\$116,393	\$475,000	STU	475,000
2021	Local	Kent	Grand Rapids	Godfrey Ave SW	Oxford Street to Market Avenue	0.553	Asphalt Reconstruct			CON	\$358,607	\$0	\$116,393	\$475,000	STU	475,000
2021	Local	Kent	Grand Rapids	Hall St SE	Colorado Avenue to Sylvan Avenue	0.181	Asphalt Reconstruct			CON	\$377,481	\$0	\$122,519	\$500,000	STU	500,000
2021	Local	Kent	Grand Rapids	Lake Eastbrook Blvd SE	East Beltline to 28th Street	0.799	Asphalt Reconstruct			CON	\$594,532	\$0	\$192,968	\$787,500	STU	787,500
2021	Local	Kent	Grand Rapids	Valley Ave NW	4th Street to Walker Avenue	0.520	Asphalt Reconstruction			CON	\$481,288	\$0	\$156,212	\$637,500	STU	637,500
2021	Local	Kent	Grand Rapids	Franklin St SE	Division to East City Limits	1.915	Resurface	AC	2022	CON	\$0	\$0	\$119,343	\$119,343	EDCF	1,670,000
2021	Local	Kent	Grand Rapids	Franklin St SE	Division to East City Limits	1.915	Resurface			CON	\$672,630	\$0	\$400,657	\$1,073,287	HIPU	1,670,000
2021	Local	Kent	GVMC	Front Ave NW	GVMC Planning Area	0.000	Planning Studies			NI	\$150,000	\$0	\$37,500	\$187,500	STU	187,500
2021	Local	Kent	GVMC	Front Ave NW	GVMC MPO Area Kent County	0.000	FY2021 Clean Air Program			NI	\$80,000	\$0	\$20,000	\$100,000	CM	100,000
2021	Local	Kent	Grandville	Wilson Ave SW	Rivertown Parkway to South City Limits	0.642	Milling and Asphalt Resurface			CON	\$218,939	\$0	\$71,061	\$290,000	STU	290,000
2021	Local	Ottawa	Hudsonville	Van Buren St	36th Avenue to City Limits	0.506	Milling and Asphalt Resurface			CON	\$296,700	\$0	\$96,300	\$393,000	STU	393,000
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1803-planning/studies			NI	\$400,000	\$100,000	\$0	\$500,000	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting			NI	\$720,000	\$180,000	\$0	\$900,000	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1801-preventative maintenance			NI	\$960,000	\$240,000	\$0	\$1,200,000	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1303-bus shelter purchase			NI	\$8,323	\$2,081	\$0	\$10,404	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)			NI	\$16,000	\$4,000	\$0	\$20,000	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)			NI	\$40,800	\$10,200	\$0	\$51,000	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)			NI	\$76,000	\$19,000	\$0	\$95,000	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1302-bus shelter improvements			NI	\$41,873	\$10,468	\$0	\$52,341	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1409-administrative vehicle			NI	\$62,424	\$15,606	\$0	\$78,030	5307	13,703,119

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1207-architect and engineer			NI	\$83,232	\$20,808	\$0	\$104,040	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1805-contingency			NI	\$83,232	\$20,808	\$0	\$104,040	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities			NI	\$142,626	\$35,657	\$0	\$178,283	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1807-traffic signals (prioritization, upgrades, etc.)			NI	\$174,160	\$43,540	\$0	\$217,700	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1402-fare collection			NI	\$389,675	\$97,419	\$0	\$487,094	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements			NI	\$844,386	\$211,096	\$0	\$1,055,482	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)			NI	\$1,026,378	\$256,595	\$0	\$1,282,973	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)			NI	\$1,266,759	\$316,690	\$0	\$1,583,449	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$4,626,626	\$1,156,657	\$0	\$5,783,283	5307	13,703,119
2021	Multi-Modal	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$980,916	\$245,229	\$0	\$1,226,145	5339	1,226,145
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$240,000	\$60,000	\$0	\$300,000	CM	300,000
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift			NI	\$100,000	\$25,000	\$0	\$125,000	CM	125,000
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Operating	Areawide	0.000	SP1701-rideshare			NI	\$206,207	\$0	\$0	\$206,207	CMG	206,207
2021	Multi-Modal	Kent	ITP-The Rapid	Transit Operating	Areawide	0.000	SP1702-ozone action			NI	\$60,000	\$15,000	\$0	\$75,000	CM	75,000
2021	Local	Kent	Kent County	20 Mile Rd NW	20 Mile Rd NW over Walter Creek, Str# 5037, Kent County	0.000	Miscellaneous Bridge Rehabilitation			CON	\$348,800	\$65,400	\$21,800	\$436,000	BO	436,000
2021	Local	Kent	Kent County	68th St SE	Hanna Lake Avenue to Kraft Avenue	2.931	Milling and Resurfacing			CON	\$849,332	\$0	\$275,668	\$1,125,000	STU	1,125,000
2021	Local	Kent	Kent County	Whitneyville Ave SE	I-96 to Cascade Road	0.957	Crush & Shape Asphalt Resurfacing			CON	\$188,740	\$0	\$61,260	\$250,000	STU	250,000
2021	Local	Kent	Kent County	13 Mile Rd NE	Grange Avenue to Edgerton Avenue	2.284	Crush and Shape Resurfacing			CON	\$770,000	\$0	\$230,000	\$1,000,000	EDCF	1,000,000
2021	Local	Kent	Kent County	7 Mile Rd NW	Alpine Avenue to Pine Island Drive	1.816	Crush and Shape Resurfacing			CON	\$462,000	\$0	\$138,000	\$600,000	EDCF	600,000
2021	Local	Kent	Kent County	S Division Ave	76th Street to 68th Street	1.005	Milling and Asphalt Resurfacing			CON	\$717,000	\$0	\$183,000	\$900,000	NH	900,000
2021	Local	Kent	Kent County	84th St SE	Breton Avenue to Hanna Lake Avenue	0.989	Asphalt Reconstruct			CON	\$981,450	\$0	\$318,550	\$1,300,000	STU	1,300,000
2021	Local	Kent	Kent County	100th St SE	Kalamzao Avenue to East 1 Mile	1.403	Reconstruct			CON	\$895,000	\$0	\$305,000	\$1,200,000	STL	1,200,000
2021	Local	Kent	Kentwood	32nd St SE	Breton Avenue to Shaffer Avenue	1.000	Widen and Reconstruct adding Center Turn Lanes			CON	\$0	\$1,200,000	\$1,400,000	\$2,600,000	EDC	2,600,000
2021	Trunkline	Kent	MDOT	I-196	I-196 WB over Plymouth Avenue	0.000	Bridge replacement, widen, approach replacement			CON	\$2,025,869	\$225,097	\$0	\$2,250,966	IM	450,000
2021	Trunkline	Kent	MDOT	I 96 EB	At M-21	0.001	I-96 EB Weave-Merge lane and add M-21 EB On Ramp			CON	\$1,649,278	\$365,723	\$0	\$2,015,000	CM	2,665,000
2021	Trunkline	Kent	MDOT	M-57	Farland Ave East to Ramsdell Dr	2.010	Passing Relief Lanes			CON	\$3,827,700	\$425,300	\$0	\$4,253,000	HSIP	4,603,000
2021	Trunkline	Kent	MDOT	I-96	Thornapple River Drive east to West of Whitneyville Avenue	7.649	Concrete Inlay			CON	\$10,350,000	\$1,150,000	\$0	\$11,500,000	IM	12,995,000
2021	Trunkline	Kent	MDOT	I-196	over The Grand River	0.000	Deck Repl			CON	\$4,843,130	\$538,125	\$0	\$5,381,255	IM,IPD	6,083,158
2021	Trunkline	Kent	MDOT	I-96 E/W Cascade Ramp	I-96 from Kent Co Line to US-131	25.713	Freeway Signing Upgrade Project			CON	\$1,000,000	\$0	\$0	\$1,000,000	IMG	1,250,000
2021	Trunkline	Kent	MDOT	US-131 N	US-131 Kent County	43.162	Freeway Signing Update			CON	\$4,000,000	\$0	\$0	\$4,000,000	NHG	4,860,000
2021	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.691	Longitudinal pavement marking application on trunklines in Grand Region			PE	\$2,205	\$245	\$0	\$2,450	HSIP	2,960,000
2021	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.691	Longitudinal pavement marking application on trunklines in Grand Region			CON	\$650,475	\$72,275	\$0	\$722,750	HSIP	2,960,000
2021	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.066	Longitudinal pavement marking application on trunklines in Grand Region			PE	\$2,205	\$245	\$0	\$2,450	HSIP	500,000
2021	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.066	Longitudinal pavement marking application on trunklines in Grand Region			CON	\$108,045	\$12,005	\$0	\$120,050	HSIP	500,000
2021	Trunkline	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of GVMC MPO	3.729	Pavement marking retroreflectivity readings on trunklines in Grand Region			CON	\$3,528	\$392	\$0	\$3,920	HSIP	16,000
2021	Trunkline	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	2021 WMTOC Control Room Operations			EPE	\$662,985	\$147,015	\$0	\$810,000	CM	810,000
2021	Trunkline	Kent	MDOT	Regionwide	various locations in Grand Region	0.000	2021 ITS maintenance & operations in Grand Region			EPE	\$806,223	\$178,778	\$0	\$985,000	CM	985,000
2021	Trunkline	Kent	MDOT	US-131	US-131 NB and SB	4.104	Queue management system			PE	\$203,400	\$22,600	\$0	\$226,000	HSIP	1,579,003

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2021	Trunkline	Kent	MDOT	US-131	US-131 from North Park St. to 10 Mile Rd.	7.878	ITS devices and infrastructure			CON	\$2,439,348	\$540,918	\$0	\$2,980,266	NH	3,412,885
2021	Trunkline	Kent	MDOT	Regionwide	Regionwide	0.000	Road Weather information Systems			CON	\$3,193,523	\$708,154	\$0	\$3,901,677	ST	4,704,006
2021	Trunkline	Kent	MDOT	US-131	7 locations in Kent County	4.977	ITS camera and VDS installation			CON	\$959,804	\$212,834	\$0	\$1,172,638	NH	1,342,860
2021	Local	Ottawa	Ottawa County	48th Ave	Bauer Road to Pierce Street	2.499	Resurface 30 foot width			CON	\$839,895	\$0	\$272,605	\$1,112,500	STU	1,112,500
2021	Local	Ottawa	Ottawa County	8th Ave	Jackson Street to Port Sheldon Street	2.286	Resurface 42 Foot Width			CON	\$694,565	\$0	\$225,435	\$920,000	STU	920,000
2021	Local	Kent	Sparta	N Union St NW	N Union St NW over Nash Creek, Str# 5233, Village of Sparta	0.000	Miscellaneous Bridge Rehabilitation			CON	\$356,000	\$66,750	\$22,250	\$445,000	BHT	445,000
2021	Local	Kent	Walker	Kinney Ave	Three Mile to Waldorf	0.510	Reconstruct			CON	\$754,962	\$0	\$245,038	\$1,000,000	STU	1,000,000
2021	Local	Kent	Wyoming	Wilson Ave SW	South City Limits to North City Limits	2.979	Resurfacing			CON	\$0	\$984,000	\$246,000	\$1,230,000	EDC	1,230,000
2022	Local	Kent	Grand Rapids	29th St SE	Bretton to East City Limits	0.484	Road Rehabilitation			CON	\$243,536	\$0	\$81,464	\$325,000	STU	325,000
2022	Local	Kent	Grand Rapids	Butterworth St SW	O'Brien to Marion	0.694	road rehabilitation			CON	\$234,170	\$0	\$78,330	\$312,500	STU	312,500
2022	Local	Kent	Grand Rapids	Collindale Ave NW	Lake Michigan Drive to Leonard Street	1.003	road rehabilitation			CON	\$327,838	\$0	\$109,662	\$437,500	STU	437,500
2022	Local	Kent	Grand Rapids	S Division Ave	Quigley Street to Cottage Grove Street	0.500	road rehabilitation			CON	\$187,336	\$0	\$62,664	\$250,000	STU	250,000
2022	Local	Kent	Grand Rapids	Eastern Ave SE	400' North of 44th Street to 36th Street	0.877	road rehabilitation			CON	\$899,211	\$0	\$300,789	\$1,200,000	STU	1,200,000
2022	Local	Kent	Grand Rapids	Division Ave NE	Fountain Street to Michigan Street	0.117	Road Rehabilitation			CON	\$187,336	\$0	\$62,664	\$250,000	STU	250,000
2022	Local	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Signal Optimization			CON	\$240,000	\$0	\$60,000	\$300,000	CM	300,000
2022	Local	Kent	Grand Rapids	Market Ave SW	Market Ave.	0.080	Regional Signal System TMS Operations			OPS	\$264,000	\$0	\$396,000	\$660,000	CM	660,000
2022	Local	Kent	Grand Rapids	College Ave NE	Leonard to Sweet	0.500	reconstruction			CON	\$725,926	\$0	\$242,824	\$968,750	STU	968,750
2022	Local	Kent	Grand Rapids	Eastern Ave SE	36th Street to 28th Street	1.000	Rehab/Reconstruct			CON	\$913,262	\$0	\$305,488	\$1,218,750	STU	1,218,750
2022	Local	Kent	Grand Rapids	Franklin St SE	Division to East City Limits	1.915	Resurface	ACC	2022	CON	\$477,370			\$477,370	EDCF	1,670,000
2022	Local	Kent	GVMC	Front Ave NW	GVMC Planning Area	0.000	Planning Studies			NI	\$150,000	\$0	\$37,500	\$187,500	STU	187,500
2022	Local	Kent	GVMC	Front Ave NW	GVMC area--Kent and Eastern Ottawa County	0.000	Educational campaign for Clean Air Action program			NI	\$80,000	\$0	\$20,000	\$100,000	CM	100,000
2022	Local	Kent	Grandville	Chicago Dr SW	Wilson to east city limits	1.801	Resurface			CON	\$334,630	\$0	\$132,370	\$467,000	EDCF	467,000
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1803-planning/studies			NI	\$400,000	\$100,000	\$0	\$500,000	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting			NI	\$720,000	\$180,000	\$0	\$900,000	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1801-preventative maintenance			NI	\$960,000	\$240,000	\$0	\$1,200,000	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1303-bus shelter purchase			NI	\$8,490	\$2,122	\$0	\$10,612	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)			NI	\$16,000	\$4,000	\$0	\$20,000	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)			NI	\$40,800	\$10,200	\$0	\$51,000	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)			NI	\$76,000	\$19,000	\$0	\$95,000	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1302-bus shelter improvements			NI	\$42,710	\$10,678	\$0	\$53,388	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1409-administrative vehicle			NI	\$63,673	\$15,918	\$0	\$79,591	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1207-architect and engineer			NI	\$84,897	\$21,224	\$0	\$106,121	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1805-contingency			NI	\$84,897	\$21,224	\$0	\$106,121	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift			NI	\$100,478	\$25,120	\$0	\$125,598	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities			NI	\$145,478	\$36,370	\$0	\$181,848	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift			NI	\$154,998	\$38,749	\$0	\$193,747	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1402-fare collection			NI	\$397,469	\$99,367	\$0	\$496,836	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)			NI	\$1,033,306	\$258,326	\$0	\$1,291,632	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)			NI	\$1,068,814	\$267,204	\$0	\$1,336,018	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements			NI	\$1,853,393	\$463,348	\$0	\$2,316,741	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$3,914,524	\$978,631	\$0	\$4,893,155	5307	13,957,408
2022	Multi-Modal	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$995,630	\$248,907	\$0	\$1,244,537	5339	1,244,537
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$240,000	\$60,000	\$0	\$300,000	CM	300,000
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift			NI	\$100,000	\$25,000	\$0	\$125,000	CM	125,000

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Operating	Areawide	0.000	SP1702-ozone action			NI	\$80,000	\$20,000	\$0	\$100,000	CM	100,000
2022	Multi-Modal	Kent	ITP-The Rapid	Transit Operating	Areawide	0.000	SP1701-rideshare			NI	\$150,000	\$0	\$0	\$150,000	CMG	150,000
2022	Local	Kent	Kent County	13 Mile Rd NE	Sparta Village Line to Grange	3.480	resurface			CON	\$899,210	\$0	\$300,790	\$1,200,000	STU	1,200,000
2022	Local	Kent	Kent County	6 Mile Rd NW	Alpine to Pine Island	1.821	resurface			CON	\$749,343	\$0	\$250,657	\$1,000,000	STU	1,000,000
2022	Local	Kent	Kent County	4 Mile Rd NE	Coit to Plainfield	1.093	Resurface			CON	\$450,000	\$0	\$150,000	\$600,000	EDCF	600,000
2022	Local	Kent	Kent County	Kalamazoo Ave SE	68th to 60th	0.944	resurface			CON	\$731,000	\$0	\$182,750	\$913,750	NH	913,750
2022	Local	Kent	Kent County	84th St SE	Hanna Lake to East Paris	1.008	Reconstruct			CON	\$974,146	\$0	\$325,854	\$1,300,000	STU	1,300,000
2022	Local	Kent	Kent County	68th St SE	Plaster Creek to Hanna Lake Avenue	0.593	Widening			CON	\$0	\$1,200,000	\$300,000	\$1,500,000	EDC	1,500,000
2022	Local	Kent	Kent County	100th St SE	1 Mile East of Kalamazoo Avenue to Hanna Lake	0.607	Reconstruct			CON	\$913,000	\$0	\$337,000	\$1,250,000	STL	1,250,000
2022	Local	Kent	Kent County	Cascade Rd SE	36th to Whitneyville Avenue	0.813	Widening			CON	\$0	\$1,120,000	\$280,000	\$1,400,000	EDC	1,400,000
2022	Local	Kent	Kentwood	East Paris Avenue SE	28th Street to 36th Street	1.001	Mill and Resurface			CON	\$936,679	\$0	\$313,321	\$1,250,000	STU	1,250,000
2022	Local	Kent	Kentwood	East Paris Ave SE	East Paris Ave. at 28th St.	0.133	Add right turn lane			CON	\$128,000	\$0	\$32,000	\$160,000	CM	160,000
2022	Trunkline	Kent	MDOT	I-196 (WB)	M-11 East 0.74 Miles	0.733	Extend Off Ramp			CON	\$2,250,875	\$499,125	\$0	\$2,750,000	CM	2,950,000
2022	Trunkline	Kent	MDOT	regionwide	Various locations in Grand Region	0.000	2022 WMTOC Control Room Operations			EPE	\$695,725	\$154,275	\$0	\$850,000	CM	850,000
2022	Trunkline	Kent	MDOT	regionwide	Various routes in Grand Region	0.000	2022 ITS maintenance & operations in Grand Region			EPE	\$818,500	\$181,500	\$0	\$1,000,000	CM	1,000,000
2022	Trunkline	Ottawa	MDOT	I-196	48th Avenue to 32nd Avenue	6.874	Shoulder Widening and Median Crossovers for Maintenance of Traffic			CON	\$453,600	\$50,400	\$0	\$504,000	IM	2,200,000
2022	Trunkline	Kent	MDOT	I-296 SB	I-96 EB connector to I-296 SB over West River Drive and CSX RR	0.000	Deep overlay with barrier replacement.			CON	\$1,769,541	\$196,616	\$0	\$1,966,156	IM	2,239,708
2022	Trunkline	Kent	MDOT	M-44 E	Kent and Ottawa	0.000	Install traffic signal dilemma zone systems			PE	\$55,450	\$6,161	\$0	\$61,611	HSIP	722,541
2022	Trunkline	Ottawa	MDOT	I-96	I-96 in Ottawa and Kent	34.885	Rural Freeway Traffic Management systems			EPE	\$23,801	\$5,225	\$0	\$29,025	NH	3,514,626
2022	Trunkline	Ottawa	MDOT	I-96	I-96 in Ottawa and Kent	34.885	Rural Freeway Traffic Management systems			PE	\$57,121	\$12,539	\$0	\$69,660	NH	3,514,626
2022	Trunkline	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of GVMC MPO	2.557	Pavement marking retroreflectivity readings on trunklines in Grand Region			CON	\$3,528	\$392	\$0	\$3,920	HSIP	16,000
2022	Trunkline	Kent	MDOT	M-37 N	M37 (Alpine) @ 7 Mile Rd. M37 (Alpine) @ N Center Dr, Old Orchard M37 (ALPINE) @ CENTER DR,K MART DR M21 (FULTON) @ SPAULDING US-131 SB OFF RAMP @ 68TH ST US-131 SB OFF-RAMP @ MARKET AVE / CHERRY ST US131 NB OFF RAMP @ 68TH ST I96 EB OFF RAMP @ LEON,	0.000	Traffic Signal Modernization; connected vehicle installations			CON	\$1,955,630	\$0	\$0	\$1,955,630	STG	2,709,872
2022	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.486	Longitudinal pavement marking application on trunklines in Grand Region			PE	\$2,205	\$245	\$0	\$2,450	HSIP	3,010,000
2022	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.486	Longitudinal pavement marking application on trunklines in Grand Region			CON	\$661,500	\$73,500	\$0	\$735,000	HSIP	3,010,000
2022	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Special pavement marking application on trunklines in Grand Region			PE	\$2,205	\$245	\$0	\$2,450	HSIP	850,000
2022	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Special pavement marking application on trunklines in Grand Region			CON	\$185,220	\$20,580	\$0	\$205,800	HSIP	850,000
2022	Trunkline	Kent	MDOT	I-96	Burton Street over I-96	0.000	Deep overlay			CON	\$990,504	\$110,056	\$0	\$1,100,560	BOI	1,275,560
2022	Trunkline	Kent	MDOT	US-131 SB	US-131 SB Over The Grand River & Fulton Street	0.000	Railing Replacement			CON	\$439,309	\$97,416	\$0	\$536,725	NH	636,725
2022	Trunkline	Kent	MDOT	M-11	Church Street east to US-131	4.203	Two Course Asphalt Resurfacing			CON	\$3,274,000	\$665,470	\$60,530	\$4,000,000	NH	4,173,000
2022	Trunkline	Kent	MDOT	Regionwide	Regionwide freeways	0.000	Freeway Enhanced Delineation			PE	\$44,751	\$4,972	\$0	\$49,723	HSIP	596,674
2022	Local	Ottawa	Ottawa County	Fillmore St	48th Avenue to Taylor Street	4.450	Resurface/Preservation			CON	\$1,300,000	\$0	\$658,000	\$1,958,000	STU	1,958,000
2022	Local	Ottawa	Ottawa County	Leonard St	Leonard St from 68th Ave to 48th Ave	2.650	Asphalt overlay 1-1.5 inches to include HMA resurfacing			CON	\$0	\$73,179	\$0	\$73,179	EDD	1,047,600
2022	Local	Ottawa	Ottawa County	Leonard St	Leonard St from 68th Ave to 48th Ave	2.650	Asphalt overlay 1-1.5 inches to include HMA resurfacing			CON	\$703,000	\$0	\$271,421	\$974,421	STL	1,047,600
2022	Local	Kent	Wyoming	36th St SW	Burlingame Avenue to Clyde Park Avenue	1.001	resurface			CON	\$562,007	\$0	\$187,993	\$750,000	STU	750,000
2023	Local	Kent	Cedar Springs	S Main St NE	Church Street to 18 Mile Road	0.737	Milling and Two Course Asphalt Resurfacing			CON	\$380,553	\$0	\$103,197	\$483,750	STU	483,750
2023	Local	Kent	Grand Rapids	Ball Ave NE	Leonard Street to Knapp Street	1.002	Milling an Asphalt Overlay (1.5 Inches)			CON	\$427,753	\$0	\$115,997	\$543,750	STU	543,750
2023	Local	Kent	Grand Rapids	Ball Ave NE	Michigan Street to Plymouth Avenue	0.543	Milling and Two Course Asphalt Resurfacing			CON	\$275,335	\$0	\$74,665	\$350,000	STU	350,000

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2023	Local	Kent	Grand Rapids	Fuller Ave NE	Knapp Street to 3 Mile Road	0.989	Milling and Asphalt Overlay (1.5 Inches)			CON	\$427,753	\$0	\$115,997	\$543,750	STU	543,750
2023	Local	Kent	Grand Rapids	Turner Ave NW	6th Street to US-131 SB On Ramp and US-131 SB Off Ramp to Richmond Street	0.813	Milling and Asphalt Overlay (1.5 inches)			CON	\$344,169	\$0	\$93,331	\$437,500	STU	437,500
2023	Local	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Signal Optimization			CON	\$240,000	\$0	\$60,000	\$300,000	CM	300,000
2023	Local	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	Regional Signal System TMS Operations			OPS	\$264,000	\$0	\$396,000	\$660,000	CM	660,000
2023	Local	Kent	Grand Rapids	Fuller Ave SE	Ramona Street to Adams Street	0.177	Asphalt Reconstruct			CON	\$344,169	\$0	\$93,331	\$437,500	STU	437,500
2023	Local	Kent	Grand Rapids	Ottawa Ave NW	Fairbanks Street to Mason Street and Walbridge Street to Monroe Avenue	0.371	Asphalt Reconstruct			CON	\$712,922	\$0	\$193,328	\$906,250	STU	906,250
2023	Local	Kent	Grand Rapids	Wealthy St SE	Ethel Avenue to East City Limit	0.159	Concrete Reconstruction (and Brick)			CON	\$786,672	\$0	\$213,328	\$1,000,000	STU	1,000,000
2023	Local	Kent	Grand Rapids	Robinson Rd SE	Youell Avenue to Plymouth Avenue	0.407	Reconstruct/Preventative Maintenance			CON	\$344,169	\$0	\$93,331	\$437,500	STU	437,500
2023	Local	Kent	GVMC	Front Ave NW	GVMC Planning Area	0.000	Planning Studies			NI	\$150,000	\$0	\$37,500	\$187,500	STU	187,500
2023	Local	Kent	GVMC	Front Ave NW	GVMC--Kent and Eastern Ottawa County	0.000	Clean Air Action educational campaign			NI	\$80,000	\$0	\$20,000	\$100,000	CM	100,000
2023	Local	Kent	Grandville	Ivanrest Ave SW	Parie Street to 28th Street	0.501	Milling and Asphalt Resurface			CON	\$220,268	\$0	\$59,732	\$280,000	STU	280,000
2023	Local	Ottawa	Hudsonville	32nd Ave	32nd Avenue	0.209	Left Turn Lane			CON	\$160,000	\$0	\$40,000	\$200,000	CM	200,000
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1803-planning/studies			NI	\$400,000	\$100,000	\$0	\$500,000	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting			NI	\$720,000	\$180,000	\$0	\$900,000	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1801-preventative maintenance			NI	\$960,000	\$240,000	\$0	\$1,200,000	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1303-bus shelter purchase			NI	\$8,659	\$2,165	\$0	\$10,824	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)			NI	\$16,000	\$4,000	\$0	\$20,000	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1302-bus shelter improvements			NI	\$43,565	\$10,891	\$0	\$54,456	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)			NI	\$49,810	\$12,452	\$0	\$62,262	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1409-administrative vehicle			NI	\$66,245	\$16,561	\$0	\$82,806	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)			NI	\$77,046	\$19,262	\$0	\$96,308	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1207-architect and engineer			NI	\$86,594	\$21,649	\$0	\$108,243	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1805-contingency			NI	\$86,594	\$21,649	\$0	\$108,243	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift			NI	\$120,382	\$30,095	\$0	\$150,477	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities			NI	\$148,388	\$37,097	\$0	\$185,485	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift			NI	\$209,716	\$52,429	\$0	\$262,145	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1402-fare collection			NI	\$405,418	\$101,355	\$0	\$506,773	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)			NI	\$1,040,372	\$260,093	\$0	\$1,300,465	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)			NI	\$1,070,910	\$267,728	\$0	\$1,338,638	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1203-admin/maintenance facility improvements			NI	\$1,587,265	\$396,816	\$0	\$1,984,081	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$3,248,266	\$812,066	\$0	\$4,060,332	5307	12,931,538
2023	Multi-Modal	Kent	ITP-The Rapid	Transit capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$1,010,564	\$252,641	\$0	\$1,263,205	5339	1,263,205
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift			NI	\$240,000	\$60,000	\$0	\$300,000	CM	300,000
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Operating	Areawide	0.000	SP1701-rideshare			NI	\$186,207	\$0	\$0	\$186,207	CMG	186,207
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1105-van replacement, any size with or without lift			NI	\$100,000	\$25,000	\$0	\$125,000	CM	125,000
2023	Multi-Modal	Kent	ITP-The Rapid	Transit Operating	Areawide	0.000	SP1702-ozone action			NI	\$80,000	\$20,000	\$0	\$100,000	CM	100,000
2023	Local	Kent	Kent County	Buttrick Ave SE	Thornapple River Drive to Grand River Drive	0.476	Crush and Shape Resurfacing			CON	\$236,002	\$0	\$63,998	\$300,000	STU	300,000
2023	Local	Kent	Kent County	Northland Dr NE	13 Mile Road to 14 Mile Road	1.224	Mill, Fill, and Resurface			CON	\$0	\$936,614	\$240,000	\$1,176,614	EDC	1,176,614
2023	Local	Kent	Kent County	Northland Dr NE	12 Mile Road to 13 Mile Road	1.004	Mill and Fill Resurface			CON	\$0	\$720,000	\$180,000	\$900,000	EDC	900,000
2023	Local	Kent	Kent County	84th St SE	Patterson Avenue to East Paris Avenue	0.999	Asphalt Reconstruct			CON	\$1,062,008	\$0	\$287,992	\$1,350,000	STU	1,350,000
2023	Local	Kent	Kent County	100th St SE	Hannah Lake to East Paris Avenue	1.002	Reconstruct			CON	\$931,000	\$0	\$319,000	\$1,250,000	STL	1,250,000
2023	Local	Kent	Kentwood	52nd St SE	Kalamazoo Avenue to Breton Avenue	1.502	3.5" Milling and Resurface			CON	\$1,455,344	\$0	\$394,656	\$1,850,000	STU	1,850,000
2023	Trunkline	Ottawa	MDOT	I-196	48th Avenue to 32nd Avenue	6.674	Reconstruction			CON	\$10,206,000	\$1,134,000	\$0	\$11,340,000	IM	43,800,000
2023	Trunkline	Kent	MDOT	I-196BS E	3 Bridges on I-196 Ramp Corridor from I-196 to Chicago Drive	0.000	Deep Overlay			CON	\$1,341,802	\$297,541	\$0	\$1,639,343	NH	1,867,426

Fiscal Year	Job Type	County	Responsible Agency	Project Name	Limits	Length	Project Description	AC/ACC	ACC Year(s)	Phase	Fed Estimated Amount	State Estimated	Local Estimated Amount	Total Estimated Amount	Fund Source	Total Job Cost
2023	Trunkline	Kent	MDOT	M-44 E	Kent and Ottawa	0.000	Install traffic signal dilemma zone systems			CON	\$345,020	\$38,336	\$0	\$383,355	HSIP	722,541
2023	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.845	Longitudinal pavement marking application on trunklines in Grand Region			PE	\$2,205	\$245	\$0	\$2,450	HSIP	3,010,000
2023	Trunkline	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.845	Longitudinal pavement marking application on trunklines in Grand Region			CON	\$661,500	\$73,500	\$0	\$735,000	HSIP	3,010,000
2023	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Special pavement marking application on trunklines in Grand Region			PE	\$2,205	\$245	\$0	\$2,450	HSIP	550,000
2023	Trunkline	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Special pavement marking application on trunklines in Grand Region			CON	\$119,070	\$13,230	\$0	\$132,300	HSIP	550,000
2023	Trunkline	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of GVMC MPO	2.971	Pavement marking retroreflectivity readings on trunklines in Grand Region			CON	\$3,528	\$392	\$0	\$3,920	HSIP	16,000
2023	Trunkline	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Deep Overlay			CON	\$1,337,063	\$148,563	\$0	\$1,485,626	IM	1,692,322
2023	Trunkline	Kent	MDOT	I-96	Cascade Road east to M-11	3.025	Two Course Asphalt Resurfacing			CON	\$4,230,000	\$470,000	\$0	\$4,700,000	IM	4,775,000
2023	Trunkline	Kent	MDOT	Regionwide	Regionwide	0.000	2023 WMTOC Control Room Operations			OPS	\$736,650	\$163,350	\$0	\$900,000	CM	900,000
2023	Trunkline	Kent	MDOT	Regionwide	Regionwide	0.000	2023 ITS maintenance and operations in Grand Region			OPS	\$900,350	\$199,650	\$0	\$1,100,000	CM	1,100,000
2023	Trunkline	Kent	MDOT	US-131	US-131 NB and SB	4.104	Queue management system			CON	\$1,195,203	\$132,800	\$0	\$1,328,003	HSIP	1,579,003
2023	Trunkline	Kent	MDOT	Regionwide	Regionwide freeways	0.000	Freeway Enhanced Delineation			CON	\$492,256	\$54,695	\$0	\$546,951	HSIP	596,674
2023	Trunkline	Ottawa	MDOT	M-6	Grand Rapids/South Beltline W	0.000	Cold milling and one course asphalt overlay.			CON	\$65,481	\$14,521	\$0	\$80,000	ST	85,000
2023	Local	Ottawa	Ottawa County	18th Ave	Chicago Drive to Bauer Road	2.313	Asphalt Resurface			CON	\$767,005	\$0	\$207,995	\$975,000	STU	975,000
2023	Local	Ottawa	Ottawa County	Riley St	32nd Avenue to 24th Avenue	1.004	Resurface with 3' Paved Shoulders			CON	\$373,669	\$0	\$101,331	\$475,000	STU	475,000
2023	Local	Kent	Walker	Alpine Ave NW	Ann Street to Hillside Drive	0.503	Milling and Resurface			CON	\$629,338	\$0	\$170,662	\$800,000	STU	800,000
2023	Local	Kent	Wyoming	Gezon Pkwy SW	Byron Center Avenue to Clyde Park Avenue	2.170	Resurface			CON	\$1,280,000	\$0	\$320,000	\$1,600,000	EDCF	1,725,000
2023	Local	Kent	Wyoming	Gezon Pkwy SW	Byron Center Avenue to Clyde Park Avenue	2.170	Resurface			CON	\$98,334	\$0	\$26,666	\$125,000	STU	1,725,000
2023	Local	Kent	Wyoming	54th St SW	Clyde Park Avenue to Division Avenue	1.005	Resurface			CON	\$746,000	\$0	\$204,000	\$950,000	NH	1,510,000
2023	Local	Kent	Wyoming	54th St SW	Clyde Park Avenue to Division Avenue	1.005	Resurface			CON	\$440,536	\$0	\$119,464	\$560,000	STU	1,510,000

Illustrative Candidate Projects for FY2020-2023 TIP

STP-Rural Pool of Projects Unfunded

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE		NON-FED		TOTAL
Northland Drive	Cedar Springs Limits to County Line	Mill & Fill	KCRC	4.50	\$	880,000	\$	220,000	\$ 1,100,000
Grand River Drive	Snow to Bewell	Crush & Shape	KCRC	2.50	\$	640,000	\$	160,000	\$ 800,000
Grand River Drive	Bewell to Segwun	Crush & Shape	KCRC	2.00	\$	520,000	\$	130,000	\$ 650,000
Lincoln Lake Avenue	McPhearson to 5 Mile	Crush & Shape	KCRC	4.00	\$	960,000	\$	240,000	\$ 1,200,000
Myers Lake Avenue	12 Mile to 13 Mile	Allseason	KCRC	1.00	\$	1,000,000	\$	250,000	\$ 1,250,000
Myers Lake Avenue	13 to 14 Mile	Allseason	KCRC	1.00	\$	1,000,000	\$	250,000	\$ 1,250,000

STP-Urban Pool of Projects Unfunded

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE		NON-FED		TOTAL
1st Street	Lincoln Avenue to Lane Avenue	Rotomill/resurface	City of GR	0.20	\$	110,000	\$	27,500	\$ 137,500
2nd Street	Valley Avenue to Stocking Avenue	Rotomill/resurface	City of GR	0.39	\$	190,000	\$	47,500	\$ 237,500
3 Mile Road	Monroe Avenue to Coit Avenue	Rotomill/resurface	City of GR	0.90	\$	430,000	\$	107,500	\$ 537,500
3rd Street	Davis Avenue to Seward Avenue McReynolds Avenue to Davis Avenue and Broadway Avenue to Scribner Avenue	Rotomill/resurface	City of GR	0.09	\$	40,000	\$	10,000	\$ 50,000
6th Street		Rotomill/resurface	City of GR	0.20	\$	140,000	\$	35,000	\$ 175,000
7th Street	Collindale Avenue to Covell Avenue	Rotomill/resurface	City of GR	1.01	\$	610,000	\$	152,500	\$ 762,500
Aberdeen Street	Fuller Avenue to ECL	Rotomill/resurface	City of GR	1.00	\$	470,000	\$	117,500	\$ 587,500
Alger Street	Division Avenue to Madison Avenue	Reconstruction	City of GR	0.45	\$	1,050,000	\$	262,500	\$ 1,312,500
Alpine Avenue	Leonard Street to Crosby Street	Rotomill/resurface	City of GR	0.13	\$	60,000	\$	15,000	\$ 75,000
Ann Street	Turner Avenue to Monroe Avenue	Rotomill/resurface	City of GR	0.40	\$	180,000	\$	45,000	\$ 225,000
Ann Street	Nason Avenue to Turner Avenue	Rotomill/resurface	City of GR	0.60	\$	350,000	\$	87,500	\$ 437,500
Ann Street	Monroe Avenue to Plainfield Avenue	Reconstruction	City of GR	0.55	\$	1,500,000	\$	375,000	\$ 1,875,000
Ball Avenue	Mason Street to Cedar Avenue	Rotomill/resurface	City of GR	0.16	\$	70,000	\$	17,500	\$ 87,500
Boston Street	Plymouth Avenue to ECL	Rotomill/resurface	City of GR	0.25	\$	130,000	\$	32,500	\$ 162,500
Boston Street	Fuller Avenue to Plymouth Avenue	Rotomill/resurface	City of GR	0.59	\$	360,000	\$	90,000	\$ 450,000
Breton Avenue	Burton Street to NCL	Rotomill/resurface	City of GR	0.79	\$	460,000	\$	115,000	\$ 575,000
Bridge Street	Valley Avenue to Broadway Avenue	Rotomill/resurface	City of GR	0.96	\$	440,000	\$	110,000	\$ 550,000
Bridge Street	Scott Avenue to Valley Avenue	Reconstruction	City of GR	0.18	\$	530,000	\$	132,500	\$ 662,500
Bristol Avenue	Richmond Street to NCL	Rotomill/resurface	City of GR	0.33	\$	150,000	\$	37,500	\$ 187,500
Buchanan Avenue	Burton Street to Stewart Street	Rotomill/resurface	City of GR	0.11	\$	70,000	\$	17,500	\$ 87,500
Buchanan Avenue	Corrine Street to Hall Street	Reconstruction	City of GR	0.53	\$	1,130,000	\$	282,500	\$ 1,412,500
Buchanan Avenue	Stewart Street to Corrine Street	Reconstruction	City of GR	0.28	\$	590,000	\$	147,500	\$ 737,500

Illustrative Candidate Projects for FY2020-2023 TIP

Burton Street	Division Avenue to Eastern Avenue	Rotomill/resurface	City of GR	0.95	\$	590,000	\$	147,500	\$	737,500
Burton Street	Eastern Avenue to Kalamazoo Avenue	Rotomill/resurface	City of GR	0.68	\$	420,000	\$	105,000	\$	525,000
Burton Street	Kalamazoo Avenue to Plymouth Avenue	Rotomill/resurface	City of GR	0.50	\$	310,000	\$	77,500	\$	387,500
Burton Street	St. Charles Avenue to Division Avenue	Rotomill/resurface	City of GR	0.64	\$	390,000	\$	97,500	\$	487,500
Butterworth Avenue	Hogaone Avenue to 150' East of Gold Avenue	Reconstruction	City of GR	0.31	\$	800,000	\$	200,000	\$	1,000,000
Butterworth Avenue	Lane Avenue to Hogaone Avenue	Reconstruction	City of GR	0.11	\$	300,000	\$	75,000	\$	375,000
Butterworth Avenue	Marion Avenue to Lane Avenue	Reconstruction	City of GR	0.13	\$	340,000	\$	85,000	\$	425,000
Coit Avenue	3 Mile Road to Kendalwood Drive	Rotomill/resurface	City of GR	0.48	\$	280,000	\$	70,000	\$	350,000
College Avenue	Cherry Street to Fulton Street	Rotomill/resurface	City of GR	0.25	\$	120,000	\$	30,000	\$	150,000
Covell Avenue	Bridge Street to Leonard Street	Rotomill/resurface	City of GR	0.96	\$	440,000	\$	110,000	\$	550,000
Dean Lake Avenue	Knapp Street to NCL	Rotomill/resurface	City of GR	0.50	\$	300,000	\$	75,000	\$	375,000
Diamond Avenue	Eleanor Street to Aberdeen Street	Rotomill/resurface	City of GR	0.25	\$	130,000	\$	32,500	\$	162,500
Diamond Avenue	Heritage Street to Fulton Street and Fountain Street to Crescent Street	Rotomill/resurface	City of GR	0.40	\$	220,000	\$	55,000	\$	275,000
Diamond Avenue	Michigan Street Alley to Mid Michigan RR	Rotomill/resurface	City of GR	0.14	\$	80,000	\$	20,000	\$	100,000
Diamond Avenue	Wealthy Street to Cherry Street	Rotomill/resurface	City of GR	0.28	\$	150,000	\$	37,500	\$	187,500
Division Avenue	28th Street to Alger Street	Rotomill/resurface	City of GR	0.43	\$	230,000	\$	57,500	\$	287,500
Division Avenue	Colrain Street to 28th Street	Rotomill/resurface	City of GR	0.14	\$	70,000	\$	17,500	\$	87,500
Division Avenue	Delaware Street to Buckley Street	Rotomill/resurface	City of GR	0.49	\$	220,000	\$	55,000	\$	275,000
Division Avenue	Detroit Street to Quigley Street	Rotomill/resurface	City of GR	0.50	\$	230,000	\$	57,500	\$	287,500
Division Avenue	Franklin Street to Wealthy Street	Rotomill/resurface	City of GR	0.50	\$	460,000	\$	115,000	\$	575,000
Fountain Street	Eastern Avenue to Diamond Avenue	Rotomill/resurface	City of GR	0.25	\$	130,000	\$	32,500	\$	162,500
Fountain Street	Grand Avenue to Eastern Avenue	Rotomill/resurface	City of GR	0.14	\$	70,000	\$	17,500	\$	87,500
Fountain Street	Ottawa Avenue to Winchester Place	Rotomill/resurface	City of GR	0.15	\$	70,000	\$	17,500	\$	87,500
Fountain Street	Winchester Place to Prospect Avenue	Rotomill/resurface	City of GR	0.36	\$	210,000	\$	52,500	\$	262,500
Franklin Street	Division Avenue to Fuller Avenue	Rotomill/resurface	City of GR	1.42	\$	650,000	\$	162,500	\$	812,500
Fuller Avenue	Evangeline Street to Michigan Street	Rotomill/resurface	City of GR	0.43	\$	230,000	\$	57,500	\$	287,500
Fuller Avenue	Hollis Drive to Plainfield Avenue	Rotomill/resurface	City of GR	0.24	\$	110,000	\$	27,500	\$	137,500
Fuller Avenue	Malta Street to Leonard Street	Rotomill/resurface	City of GR	0.56	\$	300,000	\$	75,000	\$	375,000
Fuller Avenue	Leonard Street to Knapp Street	Rotomill/resurface	City of GR	1.00	\$	460,000	\$	115,000	\$	575,000
Fuller Avenue	Wealthy Street to Lake Drive	Rotomill/resurface	City of GR	0.21	\$	90,000	\$	22,500	\$	112,500
Fulton Street	Diamond Avenue to Arthur Avenue	Rotomill/resurface	City of GR	0.35	\$	160,000	\$	40,000	\$	200,000
Fulton Street	Jefferson Avenue to Union Avenue	Rotomill/resurface	City of GR	0.47	\$	210,000	\$	52,500	\$	262,500
Fulton Street	Sunnybrook Avenue to Worcester Drive	Rotomill/resurface	City of GR	0.35	\$	160,000	\$	40,000	\$	200,000
Fulton Street	Wallinwood Avenue to Woodward Lane	Rotomill/resurface	City of GR	0.32	\$	150,000	\$	37,500	\$	187,500
Fulton Street	Worcester Drive to Maryland Avenue	Rotomill/resurface	City of GR	0.25	\$	110,000	\$	27,500	\$	137,500
Grandville Avenue	Beacon Street to Franklin Street	Reconstruction	City of GR	0.27	\$	760,000	\$	190,000	\$	950,000
Grandville Avenue	Clyde Park Avenue to Stolpe Street	Reconstruction	City of GR	0.22	\$	640,000	\$	160,000	\$	800,000

Illustrative Candidate Projects for FY2020-2023 TIP

Grandville Avenue	Hall Street to Beacon Street	Reconstruction	City of GR	0.28	\$	790,000	\$	197,500	\$	987,500
Grandville Avenue	Stolpe Street to Hall Street	Reconstruction	City of GR	0.22	\$	640,000	\$	160,000	\$	800,000
Hall Street	Buchanan Avenue to Division Avenue	Rotomill/resurface	City of GR	0.25	\$	140,000	\$	35,000	\$	175,000
Hall Street	Grandville Avenue to US-131	Rotomill/resurface	City of GR	0.16	\$	90,000	\$	22,500	\$	112,500
Hall Street	Madison Avenue to Eastern Avenue	Rotomill/resurface	City of GR	0.50	\$	230,000	\$	57,500	\$	287,500
Hall Street	Jefferson Avenue to Madison Avenue	Rotomill/resurface	City of GR	0.25	\$	110,000	\$	27,500	\$	137,500
Hall Street	Union Avenue to Eastern Avenue	Rotomill/resurface	City of GR	0.25	\$	110,000	\$	27,500	\$	137,500
Hall Street	VanHaaften Place to Butler Avenue	Rotomill/resurface	City of GR	0.17	\$	80,000	\$	20,000	\$	100,000
Ionia Avenue	Franklin Street to Logan Street	Rotomill/resurface	City of GR	0.37	\$	140,000	\$	35,000	\$	175,000
Jefferson Avenue	Franklin Street to Logan Street	Reconstruction	City of GR	0.19	\$	130,000	\$	32,500	\$	162,500
Jefferson Avenue	Wealthy Street to Cherry Street	Rotomill/resurface	City of GR	0.19	\$	130,000	\$	32,500	\$	162,500
Kalamazoo Avenue	42nd Street to Stilesgate Street	Rotomill/resurface	City of GR	0.58	\$	270,000	\$	67,500	\$	337,500
Kalamazoo Avenue	44th Street to 42nd Street	Rotomill/resurface	City of GR	0.27	\$	120,000	\$	30,000	\$	150,000
Kalamazoo Avenue	Alger Street to Burton Street	Rotomill/resurface	City of GR	0.50	\$	270,000	\$	67,500	\$	337,500
Kalamazoo Avenue	Stilesgate Street to 32nd Street and Berkshire Drive to Shangrai La Drive	Rotomill/resurface	City of GR	0.78	\$	360,000	\$	90,000	\$	450,000
Knapp Street	Diamond Avenue to Fuller Avenue	Reconstruction	City of GR	0.25	\$	620,000	\$	155,000	\$	775,000
Knapp Street	Eastern Avenue to Diamond Avenue	Reconstruction	City of GR	0.25	\$	620,000	\$	155,000	\$	775,000
Knapp Street	Fuller Avenue to Wyndham Hill Drive	Rotomill/resurface	City of GR	0.81	\$	440,000	\$	110,000	\$	550,000
Knapp Street	Plainfield Avenue to Eastern Avenue	Reconstruction	City of GR	0.34	\$	850,000	\$	212,500	\$	1,062,500
Knapp Street	Wyndham Hill Drive to ECL	Rotomill/resurface	City of GR	0.69	\$	310,000	\$	77,500	\$	387,500
Lafayette Avenue	Fountain Street to Michigan Street	Reconstruction	City of GR	0.34	\$	730,000	\$	182,500	\$	912,500
Lafayette Avenue	Fulton Street to Fountain Street	Reconstruction	City of GR	0.16	\$	330,000	\$	82,500	\$	412,500
Lake Drive	1,250' West of EBL to ECL	Rotomill/resurface	City of GR	0.49	\$	220,000	\$	55,000	\$	275,000
Lake Drive	Union Avenue to E. of Carlton Avenue	Rotomill/resurface	City of GR	1.06	\$	480,000	\$	120,000	\$	600,000
Lake Michigan Drive	Valley Avenue to Garfield Avenue	Rotomill/resurface	City of GR	0.07	\$	60,000	\$	15,000	\$	75,000
Lexington Avenue and Seward Avenue	Butterworth Avenue to Watson Street and Watson Street to Fulton Street	Rotomill/resurface	City of GR	0.24	\$	130,000	\$	32,500	\$	162,500
Leffingwell Avenue	Leonard Street to NCL	Rotomill/resurface	City of GR	0.50	\$	270,000	\$	67,500	\$	337,500
Leonard Street	Alpine Avenue to Turner Avenue	Rotomill/resurface	City of GR	0.53	\$	240,000	\$	60,000	\$	300,000
Leonard Street	Ball Avenue to EBL	Rotomill/resurface	City of GR	1.79	\$	830,000	\$	207,500	\$	1,037,500
Leonard Street	Collindale Avenue to Oakleigh Avenue	Rotomill/resurface	City of GR	0.51	\$	230,000	\$	57,500	\$	287,500
Leonard Street	Oakleigh Avenue to Powers Avenue	Rotomill/resurface	City of GR	1.60	\$	740,000	\$	185,000	\$	925,000
Leonard Street	Remembrance Road to Hillburn Avenue	Rotomill/resurface	City of GR	0.43	\$	200,000	\$	50,000	\$	250,000
Madison Avenue	Adams Street to Franklin Street	Rotomill/resurface	City of GR	0.71	\$	380,000	\$	95,000	\$	475,000
Maryland Avenue	Michigan Street to Leonard Street	Rotomill/resurface	City of GR	1.00	\$	460,000	\$	115,000	\$	575,000
Michigan Street	College Avenue to Fuller Avenue	Rotomill/resurface	City of GR	0.87	\$	460,000	\$	115,000	\$	575,000
Michigan Street	Fuller Avenue to Plymouth Avenue	Rotomill/resurface	City of GR	0.74	\$	460,000	\$	115,000	\$	575,000
Michigan Street	Maryland Avenue to Leffingwell Avenue	Rotomill/resurface	City of GR	0.44	\$	280,000	\$	70,000	\$	350,000

Illustrative Candidate Projects for FY2020-2023 TIP

Monroe Avenue	Newberry/6th Street to Ottawa Avenue/Coldbrook Street	Rotomill/resurface	City of GR	0.39	\$	190,000	\$	47,500	\$	237,500
Monroe Avenue	Ottawa Avenue/Coldbrook Street to Ann Street	Rotomill/resurface	City of GR	0.90	\$	440,000	\$	110,000	\$	550,000
O'Brien Road	Covell Avenue to Butterworth Avenue	Rotomill/resurface	City of GR	0.52	\$	270,000	\$	67,500	\$	337,500
Ottawa Avenue	Hastings Street to Fairbanks Street	Rotomill/resurface	City of GR	0.18	\$	110,000	\$	27,500	\$	137,500
Plainfield Avenue	3 Mile Road to Fuller Avenue	Rotomill/resurface	City of GR	0.50	\$	230,000	\$	57,500	\$	287,500
Plymouth Avenue	Boston Street to Hall Street	Rotomill/resurface	City of GR	0.46	\$	180,000	\$	45,000	\$	225,000
Plymouth Avenue	Michigan Street to Leonard Street	Rotomill/resurface	City of GR	1.00	\$	460,000	\$	115,000	\$	575,000
Richmond Street	Oakleigh Avenue to Walker Avenue	Rotomill/resurface	City of GR	0.59	\$	620,000	\$	155,000	\$	775,000
Richmond Street	Bristol Avenue to Valley Avenue	Rotomill/resurface	City of GR	0.38	\$	140,000	\$	35,000	\$	175,000
Richmond Street	Tamarack Avenue to Alpine Avenue	Rotomill/resurface	City of GR	0.25	\$	100,000	\$	25,000	\$	125,000
Richmond Street	WCL to Elmridge Avenue and Acacia Drive to Oakleigh Avenue	Rotomill/resurface	City of GR	0.59	\$	230,000	\$	57,500	\$	287,500
Seward Avenue	Fulton Street to 6th Street	Rotomill/resurface	City of GR	0.94	\$	550,000	\$	137,500	\$	687,500
State Street	Lafayette Avenue to Madison Avenue	Reconstruction	City of GR	0.14	\$	610,000	\$	152,500	\$	762,500
Sweet Street	Plainfield Avenue to College Avenue	Rotomill/resurface	City of GR	0.25	\$	110,000	\$	27,500	\$	137,500
Turner Avenue	Richmond Street to Ann Street	Rotomill/resurface	City of GR	0.26	\$	130,000	\$	32,500	\$	162,500
Union Avenue	Fountain Street to Lyon Street	Rotomill/resurface	City of GR	0.15	\$	90,000	\$	22,500	\$	112,500
Valley Avenue	Fulton Street to Bridge Street	Reconstruction	City of GR	0.47	\$	1,090,000	\$	272,500	\$	1,362,500
Valley Avenue	Bridge Street to 4th Street	Rotomill/resurface	City of GR	0.38	\$	190,000	\$	47,500	\$	237,500
Walker Avenue	Leonard Street to NCL	Rotomill/resurface	City of GR	1.21	\$	610,000	\$	152,500	\$	762,500
Wealthy Street	Benjamin Avenue to Richards Terrace	Reconstruction	City of GR	0.12	\$	380,000	\$	95,000	\$	475,000
Wealthy Street	Fuller Avenue to Benjamin Avenue	Reconstruction	City of GR	0.11	\$	370,000	\$	92,500	\$	462,500
Wealthy Street	Richards Terrace to Ethel Avenue	Reconstruction	City of GR	0.11	\$	350,000	\$	87,500	\$	437,500
68th Street	Division to Kalamazoo	Mill & Fill	KCRC	2.00	\$	1,280,000	\$	320,000	\$	1,600,000
Knapp Street	Pettis to Honey Creek	Crush & Shape	KCRC	2.75	\$	800,000	\$	200,000	\$	1,000,000
N. Division Avenue	6 Mile to 7 Mile	Crush & Shape	KCRC	1.00	\$	320,000	\$	80,000	\$	400,000
Pine Island Drive	13 Mile to Fonger	Crush & Shape	KCRC	1.50	\$	480,000	\$	120,000	\$	600,000
100th Street	Patterson to Kraft	Crush & Shape	KCRC	1.00	\$	320,000	\$	80,000	\$	400,000
Kraft Avenue	100th to 76th	Crush & Shape	KCRC	3.00	\$	880,000	\$	220,000	\$	1,100,000
Hanna Lake	68th to 60th	Crush & Shape	KCRC	1.00	\$	320,000	\$	80,000	\$	400,000
60th Street	Eastern to Wing	Mill & Fill	KCRC	3.00	\$	2,000,000	\$	500,000	\$	2,500,000
60th Street	Broadmoor to Thornapple River Dr	Crush & Shape	KCRC	2.50	\$	800,000	\$	200,000	\$	1,000,000
Thornapple River Dr	60th to 48th	Crush & Shape	KCRC	1.50	\$	480,000	\$	120,000	\$	600,000
84th Street	Kenowa to Wilson	Mill & Fill	KCRC	1.00	\$	400,000	\$	100,000	\$	500,000
84th Street	Burlingame to Clyde Park	Mill & Fill	KCRC	1.00	\$	720,000	\$	180,000	\$	900,000
6 Mile Road	Kenowa to Fruit Ridge	Crush & Shape	KCRC	1.00	\$	320,000	\$	80,000	\$	400,000
Grand River Drive	Buttrick to Snow	Crush & Shape	KCRC	3.00	\$	880,000	\$	220,000	\$	1,100,000
Thornapple River Dr	Cascade to Buttrick	Crush & Shape	KCRC	3.00	\$	880,000	\$	220,000	\$	1,100,000

Illustrative Candidate Projects for FY2020-2023 TIP

Buttrick Avenue	Thornapple River to Grand River	Crush & Shape	KCRC	0.75	\$	240,000	\$	60,000	\$	300,000
Pine Island Drive	West River to 7 Mile	Crush & Shape	KCRC	1.50	\$	480,000	\$	120,000	\$	600,000
4 Mile Road	Cordes to Alpine	Mill & Fill	KCRC	1.00	\$	720,000	\$	180,000	\$	900,000
68th Street	Kraft to Cherry Valley	Allseason	KCRC	1.00	\$	1,200,000	\$	300,000	\$	1,500,000
Leffingwell Avenue	City limits to Knapp	Mill & Fill	KCRC	0.50	\$	200,000	\$	50,000	\$	250,000
3 Mile Road	East Beltline to Grand River	Crush & Shape	KCRC	2.50	\$	800,000	\$	200,000	\$	1,000,000
Rogue River Road	West River to Belmont	Crush & Shape	KCRC	1.25	\$	400,000	\$	100,000	\$	500,000
Rogue River Road	Belmont to Wolverine	Crush & Shape	KCRC	1.25	\$	400,000	\$	100,000	\$	500,000
Cascade Road	Whitneyville to Snow	Crush & Shape	KCRC	2.25	\$	720,000	\$	180,000	\$	900,000
Burton Street	Kraft to Cascade	Crush & Shape	KCRC	1.25	\$	400,000	\$	100,000	\$	500,000
76th Street	Clyde Park to Division	Mill & Fill	KCRC	1.00	\$	720,000	\$	180,000	\$	900,000
Wolverine Blvd.	10 Mile to 11 Mile	Mill & Fill	KCRC	1.00	\$	800,000	\$	200,000	\$	1,000,000
Northland Drive	11 Mile to 12 Mile	Crush & Shape	KCRC	1.00	\$	720,000	\$	180,000	\$	900,000
Fruit Ridge	4 Mile to 6 Mile	Crush & Shape	KCRC	2.00	\$	640,000	\$	160,000	\$	800,000
Leonard Street	Kinney to Remembrance	Mill pavement and Resurface	Walker	5100'	\$	1,000,000	\$	250,000	\$	1,250,000
Center Drive	Weatherford to Weatherford	Edge mill and resurface C&G section Reconstruct with C&G, sidewalk and drainage	Walker	5800'	\$	680,000	\$	170,000	\$	680,000
Kinney Avenue	Lake Michigan Drive to Leonard		Walker	5200'	\$	2,240,000	\$	560,000	\$	2,240,000
Fruit Ridge Overpass of I-96	Three Mile to Dykstra Drive	Reconfigure ramps and widen bridge	MDOT/Walker	2650'	\$	12,800,000	\$	3,200,000	\$	12,800,000
Three Mile Road	Remembrance (M-11) East	Add center turn lane at M-11	MDOT/Walker	1000'	\$	240,000	\$	60,000	\$	240,000
Bristol Bridge	Coopersville/Marne Railroad	Add second lane for through traffic	Walker	500'	\$	1,920,000	\$	480,000	\$	1,920,000
Burlingame	28th St to Burton	Burlingame Ave Resurfacing, 28th St to Burton	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000
Burlingame	36th St to 28th St	Burlingame Ave Resurfacing, 36th St to 28th St	Wyoming	1	\$	679,500	\$	220,500	\$	900,000
Burlingame	44th St to 36th St	Burlingame Ave Resurfacing, 44th St to 36th St	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000
Burlingame	52nd St to 44th St	Burlingame Ave Resurfacing, 52nd St to 44th St	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000
Burlingame	52nd St to 60th St	Burlingame Ave Resurfacing, 52nd St to 60th St	Wyoming	0.80	\$	480,000	\$	120,000	\$	600,000
Prairie Parkway	Byron Center to Burlingame	Prairie Pkwy, Byron Cener to Burlingame	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000
Prairie Parkway	Burlingame to Michael	Prairie Pkwy, Burlingame to Michael	Wyoming	0.50	\$	320,000	\$	80,000	\$	400,000
Prairie Parkway	West City Limit to Byron Center	Prairie Pkwy, West City Limit to Byron Center	Wyoming	0.50	\$	320,000	\$	80,000	\$	400,000
Kenowa Ave	South City Limit to North City Limit	Kenowa Ave Resurfacing	Wyoming	1.50	\$	640,000	\$	160,000	\$	800,000
Madison	32nd St to 28th St	Madison Ave, 32nd St to 28th St	Wyoming	0.50	\$	320,000	\$	80,000	\$	400,000
Buchanan Ave	Alger to 28th St	Buchanan Ave, Alger to 28th St	Wyoming	0.50	\$	320,000	\$	80,000	\$	400,000
Burton St	Burlingame to Clyde Park	Burton St, Burlingame to Clyde Park	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000
32nd St	Michael to US-131	32nd St, Michael to US-131	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000

Illustrative Candidate Projects for FY2020-2023 TIP

36th St	Clyde Park Ave to Division Ave	36th St, Clyde Park Ave to Division Ave	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000
36th St	Division Ave to East City Limit	36th St, Division Ave to East City Limit	Wyoming	1.00	\$	640,000	\$	160,000	\$	800,000
Ivanrest Avenue	South City Limit to North City Limit	Ivanrest Avenue Resurfacing	Wyoming	1.50	\$	560,000	\$	140,000	\$	700,000
40th Ave	Chicago Dr to Grant St	Mill full depth and resurface	Hudsonville	2,100'	\$	243,200	\$	60,800	\$	304,000
40th Ave	Grant St to Van Buren St	Mill full depth and resurface	Hudsonville	1,800'	\$	216,800	\$	54,200	\$	271,000
40th Ave	Van Buren St to N city limits	Mill full depth and resurface	Hudsonville	1,600'	\$	201,600	\$	50,400	\$	252,000
40th Ave	New Holland St to Chicago Dr	Mill full depth and resurface	Hudsonville	1,150'	\$	108,800	\$	27,200	\$	136,000
Balsam Dr	Chicago Dr to N city limits	Mill full depth and resurface. 4,000'	Hudsonville	4,000'	\$	657,600	\$	164,400	\$	822,000
Monroe St	Fremont to Avery	is 4 lanes and 1,800' is 3 lanes Reconstruction	City of Lowell	0.5	\$	375,000	\$	93,750	\$	468,750
W. Division	M-37 to State St	Resurface Mill & Fill	Sparta/KCRC	0.75	\$	360,000	\$	90,000	\$	450,000
S. and N. State St	12 Mile to N. Village of Sparta Limit	Resurface Mill & Fill	Sparta/KCRC	1.50	\$	720,000	\$	180,000	\$	900,000
52nd Street	Baileys Grove to East Paris	Mill and Fill	City of Kentwood	0.42	\$	403,200	\$	100,800	\$	504,000
Burton Street	Patterson Ave to East Paris Ave	Mill and Fill	City of Kentwood	1.21	\$	1,161,600	\$	290,400	\$	1,452,000
Acquest Drive/29th Street	28th St to East Paris Ave	Mill and Fill	City of Kentwood	0.63	\$	604,800	\$	151,200	\$	756,000
Eastern Avenue	48th St to 52nd St	Crush, Shape, Repave	City of Kentwood	0.5	\$	720,000	\$	180,000	\$	900,000
40th Street	Brockton Dr to Patterson Ave	Mill and Fill	City of Kentwood	0.68	\$	326,400	\$	81,600	\$	408,000
29th Street	East Paris Ave to Lake Eastbrook Blvd	Mill and Fill	City of Kentwood	0.34	\$	326,400	\$	81,600	\$	408,000
29th Street	Lake Eastbrook to M-37	Mill and Fill	City of Kentwood	0.42	\$	403,200	\$	100,800	\$	504,000
48th Street	Division to Eastern	Mill and Fill	City of Kentwood	0.97	\$	744,960	\$	186,240	\$	931,200
52nd Street	M-37 to Patterson	Mill and Fill	City of Kentwood	0.36	\$	345,600	\$	86,400	\$	432,000
Shaffer Avenue	North of 36th St to 44th St	Mill and Fill	City of Kentwood	1	\$	960,000	\$	240,000	\$	1,200,000
Eastern Avenue	52nd St to 60th St	Crush, Shape, Repave	City of Kentwood	1	\$	1,440,000	\$	360,000	\$	1,800,000
Eastern Avenue	44th St to 48th St	Crush, Shape, Repave	City of Kentwood	0.5	\$	720,000	\$	180,000	\$	900,000
48th Street	Division Ave to Marlette Ave	Add CTL and Reconstruct	City of Kentwood	0.38	\$	800,000	\$	200,000	\$	1,000,000



GENERAL PROGRAM ACCOUNT (GPA) TARGET REPORT

Date: April 24, 2019

Page: 1 of 2

Fiscal Year	MPO	Job Type	GPA	Status	Threshold Amount	Usage Amount	Proposed Amount	Change Amount	Remaining Amount	MPO Approval Date	Fed Approval Date
2020	GVMC	Local	Local Livability and Sustainability	Local Approved	\$4,914,034	\$3,286,080	\$0	\$0	\$1,627,954	02/27/2019	
2020	GVMC	Local	Local Road	Local Approved	\$10,452,784	\$10,443,750	\$0	\$0	\$643,619	04/15/2019	
2020	GVMC	Local	Local Traffic Operations And Safety	Local Approved	\$4,205,333	\$4,205,333	\$0	\$0	\$0	03/29/2019	
2020	GVMC	Multi-Modal	Transit Capital	Federal Approved	\$14,782,950	\$2,670,524	\$0	\$13011985	\$12,112,426	11/09/2018	12/21/2018
2020	GVMC	Multi-Modal	Transit Operating	Proposed	\$383,000	\$548,454	\$165,454	\$0	\$0		
2020	GVMC	Trunkline	Trunkline Bridge	Federal Approved	\$3,649,753	\$3,649,753	\$0	\$0	\$0	11/15/2018	11/20/2018
2020	GVMC	Trunkline	Trunkline Road	Federal Approved	\$639,001	\$575,001	\$0	\$0	\$64,000	11/15/2018	11/20/2018
2020	GVMC	Trunkline	Trunkline Traffic Operations And Safety	Federal Approved	\$4,694,615	\$4,694,615	\$0	\$0	\$0	01/17/2019	02/04/2019
2021	GVMC	Local	Local Bridge	Proposed	\$0	\$881,000	\$881,000	\$0	\$0		
2021	GVMC	Local	Local Livability and Sustainability	Proposed	\$0	\$0	\$0	\$0	\$0		
2021	GVMC	Local	Local Road	Proposed	\$0	\$9,333,000	\$9,333,000	\$0	\$0		
2021	GVMC	Local	Local Traffic Operations And Safety	Proposed	\$0	\$960,000	\$960,000	\$0	\$0		
2021	GVMC	Multi-Modal	Transit Capital	Proposed	\$0	\$1,651,145	\$1,651,145	\$0	\$0		
2021	GVMC	Multi-Modal	Transit Operating	Proposed	\$0	\$281,207	\$281,207	\$0	\$0		
2021	GVMC	Trunkline	Trunkline Traffic Operations And Safety	Proposed	\$0	\$10,075,582	\$10,075,582	\$0	\$0		
2022	GVMC	Local	Local Livability and Sustainability	Proposed	\$0	\$187,500	\$187,500	\$0	\$0		
2022	GVMC	Local	Local Road	Proposed	\$0	\$11,961,350	\$11,961,350	\$0	\$0		
2022	GVMC	Local	Local Traffic Operations And Safety	Proposed	\$0	\$1,120,000	\$1,120,000	\$0	\$0		
2022	GVMC	Multi-Modal	Transit Capital	Proposed	\$0	\$1,769,537	\$1,769,537	\$0	\$0		
2022	GVMC	Multi-Modal	Transit Operating	Proposed	\$0	\$150,000	\$150,000	\$0	\$0		
2022	GVMC	Trunkline	Trunkline Bridge	MDOT Submitted	\$0	\$1,637,285	\$1,637,285	\$0	\$0		
2022	GVMC	Trunkline	Trunkline Road	Proposed	\$0	\$4,000,000	\$4,000,000	\$0	\$0		
2022	GVMC	Trunkline	Trunkline Traffic Operations And Safety	MDOT Submitted	\$0	\$49,723	\$49,723	\$0	\$0		
2023	GVMC	Local	Local Livability and Sustainability	Proposed	\$0	\$187,500	\$187,500	\$0	\$0		
2023	GVMC	Local	Local Road	Proposed	\$0	\$12,350,364	\$12,350,364	\$0	\$0		
2023	GVMC	Local	Local Traffic Operations And Safety	Proposed	\$0	\$1,160,000	\$1,160,000	\$0	\$0		



GENERAL PROGRAM ACCOUNT (GPA) TARGET REPORT

Fiscal Year	MPO	Job Type	GPA	Status	Threshold Amount	Usage Amount	Proposed Amount	Change Amount	Remaining Amount	MPO Approval Date	Fed Approval Date
2023	GVMC	Multi-Modal	Transit Capital	Proposed	\$0	\$1,974,412	\$1,974,412	\$0	\$0		
2023	GVMC	Trunkline	Trunkline Bridge	MDOT Submitted	\$0	\$1,485,626	\$1,485,626	\$0	\$0		
2023	GVMC	Trunkline	Trunkline Road	MDOT Submitted	\$0	\$4,700,000	\$4,700,000	\$0	\$0		
2023	GVMC	Trunkline	Trunkline Traffic Operations And Safety	Proposed	\$0	\$3,954,956	\$3,954,956	\$0	\$0		
Grand Total:					\$43,721,470	\$99,943,697	\$70,035,641	\$13,011,985.00	\$14,447,999		

Number of Records: 30

Preferences:

Years : 2020, 2021, 2022, 2023
MPO : Grand Valley Metropolitan Council (GVMC)



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HUDSONVILLE • IONIA • JAMESTOWN TOWNSHIP • KENT COUNTY • KENTWOOD • LOWELL • LOWELL TOWNSHIP • MIDDLEVILLE • OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD
SAND LAKE • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

MEMORANDUM

DATE: May 8, 2019

TO: Policy Committee

FROM: Michael Zonyk, Transportation Planner

RE: **Grandville - NM Plan List Additions**

Grandville is requesting to Add 4 projects to the NM Plan List:

- 28th St - Wilson Ave to Sanford Ave – Sidewalk, .8 Miles, \$165K
- 28th St - Chicago Dr Overpass to Ivanrest Ave – Sidewalk, .22 Miles, \$50K
- Chicago Dr - Ivanrest Ave to Porter St – Sidewalk, .44 Miles, \$90K
- Rivertown Dr - Canal Ave to Wilson Ave – Sidepath, .53 Miles, \$125K

These projects have no funding associated with them, but in order for them to become candidates for future funding they need to be approved through the committees to be on our NM Plan Project List.

ACTION for Approval to amend the list is needed.

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



GRAND VALLEY METROPOLITAN COUNCIL

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OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD • SAND LAKE • SPARTA • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

MEMORANDUM

TO: GVMC Policy Committee Members

FROM: Andrea Faber, Transportation Planner

DATE: Wednesday, May 8, 2019

RE: Proposed FY2020 Unified Planning Work Program Activities and Budget

The FY2020 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. The 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 FY2020 UPWP transportation tasks related to the GVMC Transportation Department and associated budget to complete these tasks. Also included is the dues structure (local match) proposed for the fiscal year 2020. The GVMC Transportation Program receives its local match through dues assessed to the participating member agencies.

If you have any questions please call me at 776-7603.

Recommendation: Approval of the Proposed FY2020 UPWP.

Grand Valley Metropolitan Council

Fiscal Year (FY) 2019-2020 Unified 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 severely restricted and 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 in order for any MPO to receive transportation planning funds. GVMC will manage a five billion dollar Metropolitan Transportation Plan (MTP) and an approximately sixty 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 in an effort 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 FY2020 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, 2019 through September 30, 2020. 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.

The level of planning effort for the GVMC MPO is driven by the 2040 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, non-motorized, and needs of the transportation disadvantaged.

The Metropolitan Planning program under 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 non-motorized users;
- Increase the security of the transportation system for motorized and non-motorized 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

And the new factors:

- 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 FY2020, as shown on page 3:

FAST ACT PLANNING - UPWP WORK TASK MATRIX

Planning Factor UPWP Task	Economic Vitality	Increase Safety	System Security	Accessibility	Protect Environment	Integration of System	Efficiency	System Preservation	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 2020 Michigan Planning Program Emphasis Areas

- (1) 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
- (2) 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)
- (3) 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 improve **public involvement**

Each of these areas is addressed through various work program tasks/subtasks included for FY2020, as shown below:

Planning Emphasis Area/UPWP Planning Task	Performance-Based Planning	Long Range Transportation Planning	TIP Improvements
Demographic & Economic Projections		X	
Traffic Volumes & Physical Conditions	X	X	X
GIS System Maintenance & Update		X	
Travel Demand/Air Quality Modeling	X	X	
2045 Metropolitan Transportation Plan	X	X	
Transportation Improvement Program	X		X
Technical Assistance	X	X	X
Clean Air Action! Program		X	
Freight Planning	X	X	X
Nonmotorized Planning	X	X	X
Safety Conscious Planning	X	X	X
Pavement Management System	X	X	X
Congestion Management System	X	X	X
Asset Management	X	X	X
Administration	X	X	X
Land Use Monitoring and Coordination		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	\$137,231	\$0.00	\$0.00	\$0.00	\$38,281	\$210,912

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. Staff will also develop the 2045 MTP in alignment with performance-based planning and programming, as required by the FAST Act.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
\$0.00	\$211,237	\$0.00	\$0.00	\$0.00	\$46,841	\$258,078

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, non-motorized 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	\$ 222,844	\$ 80,000	\$0.00	\$0.00	\$69,415	\$372,259

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 is also involved in a statewide effort to develop, collect data, and implement Michigan's Asset Management System. 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
\$114,590.00	\$126,906	\$0.00	\$25,000	\$0.00	\$135,551	\$402,047

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, 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	\$ 306,720	\$0.00	\$0.00	\$0.00	\$ 68,014	\$374,734

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	\$ 46,401	\$0.00	\$0.00	\$0.00	\$ 10,289	\$56,690

GVMC FY2020 Unified Work Program Activities

- Travel Demand Model Update/Calibration/Validation/Air Quality (MOVES)**
 GVMC will continue its responsibility to upgrade and maintain the travel demand model. This task will include maintaining up-to-date traffic information that covers the federal aid system. GVMC will also provide MDOT with output data from the travel demand model, including vehicle miles of travel (VMT), vehicle hours of travel (VHT), and speeds by road classification, for use in the MOVES2014b model for necessary air quality analyses. Staff will also run a travel demand model deficiencies analysis and perform travel demand forecasting for analysis of impacts of existing and future development on congestion and air quality.

- **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.

- **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 local officials, interest groups, state, and federal transportation partners to further integrate freight planning into the transportation planning process based on FAST Act requirements and develop a freight plan. MPO staff will work with stakeholders to inventory and monitor freight routes and intermodal facilities within the metropolitan area. MPO staff will also monitor freight-related issues and seek input from freight stakeholders on how to best integrate freight planning into the existing transportation 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 NHS 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 continue to monitor and update the 2040 MTP. Staff will be working with the MPO communities to update/amend the MTP during this fiscal year. Staff will be working with elected officials as well as Policy and Technical Committee members to meet regional goals and objectives in order to improve mobility and reduce congestion and vehicle emissions. Staff will continue to work with MDOT and FHWA to address FAST Act performance-based planning and programming requirements. Staff will also develop the 2045 MTP.
- **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**
The transportation department will continue its effort to complete the ITS deployment activities as recommended by the ITS study.
- **Non-Motorized Plan**
Staff will continue to work on updating the Non-Motorized 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, MDEQ, 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 MDEQ 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 FY2019-2020 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. Up to 80 percent of federal funds can be used for a project. The remaining 20 percent match is typically provided by local governments.

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 FY2019-2020 MPO Revenue</u>	
<u>Estimates</u>	
STP-U	\$150,000
CMAQ	\$80,000
SECTION-5303	\$0.00
PL-112	\$1,144,793
SPR	\$0
State Asset Management	\$25,000
Local Match Required	\$301,274
TOTAL	\$1,701,067

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 (2)
Transportation Planner (3)
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, GIS data development and updates, updating the Transportation Management Systems (CMS, PMS and SMS), air quality conformity analysis for the TIP and the Metropolitan Transportation Plan, updating the 2040 Metropolitan Transportation Plan and developing the 2045 Metropolitan Transportation Plan.

Senior Transportation Planner: Duties will include managing the Transportation Improvement Program, TAP and CMAQ projects, development and management of a regional non-motorized plan, developing non-motorized projects for future funding and inclusion in the TIP, participation in early transit route planning and services with the transit providers, and land use activities.

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 in Clean Air Action Program activities, coordinating with the transit agency, involvement in the development of the freight plan, managing the Metropolitan Transportation Plan, managing public participation outreach efforts and the consultation process, preparing annual reports, and other administrative tasks.

Transportation Planner: Duties will include work on developing a regional safety plan as a part of the Metropolitan Transportation Plan, involvement in the ITS program, assisting in the development of SMS and updating of the PaMS, collecting traffic data, coordinating efforts with MDOT and FHWA regarding safety issues, and providing technical assistance to local units of government.

Transportation Planner: Duties will include work on developing the Transportation Improvement Program, traffic count program, HPMS updates, collecting traffic data, GIS data updates, and coordination with MDOT, FHWA, transit providers and local units of government.

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

Staff Responsibilities

George Yang	Activity	Duration
	Travel Demand Modeling	Year Long
	Safety Planning and Monitoring	Year Long
	Congestion Management Process	Year Long
	Air Quality Analysis	During MTP and TIP Development
	Technical Assistance	Year Long
	Congestion Performance Monitoring	Year Long
	Safety Performance Monitoring	Year Long
	Performance Measures Reporting	Year Long

Michael Zonyk	Activity	Duration
	Traffic Count Program	Year Long
	Asset Management	6 Months
	GIS Transportation Data	Year Long
	Technical Assistance	Year Long
	Performance Measures Reporting	Year Long
	Environmental Justice	Year Long

Andrea Faber	Activity	Duration
	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
	Financial Estimates	Year Long

Michael Brameijer	Activity	Duration
	GVMC/Transportation IT	Year Long
	Asset Management	Year Long
	Performance Measures Reporting	6 Months
	HPMS	3 Months
	Technical Assistance	Year Long
	Traffic Counts	Year Long
	Public Involvement/Website	Year Long
	Asset Management	6 Months

Laurel Joseph	Activity	Duration
	Freight Planning	Year Long
	Transit Planning/Coordination	Year Long
	MTP Performance Measures Development/Reporting	6 Months
	Transit Modeling	3 Months

	Technical Assistance	Year Long
	Land Use/SE Data	Year Long
	Non-Motorized Plan	Year Long
	TIP Development/Management	Year Long
	TAP Management	Year Long



GRAND VALLEY METROPOLITAN COUNCIL

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MEMORANDUM

DATE: May 8, 2019

TO: Policy Committee

FROM: Andrea Faber, Transportation Planner

RE: **Air Quality Conformity Resolution of Support**

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.

In March of 2019, MDOT conducted an air quality conformity analysis for the Grand Rapids Conformity Area which consists of Kent and Ottawa Counties for the new FY2020-2023 TIPs. (Projects in the 2040 LRTPs have not changed since the previous air quality conformity analysis conducted in January 2019 and are included in the modeling but not in the current project list.) The results demonstrate that the forecasted volatile organic compound (VOC) and nitrogen oxide (NOx) emissions for all analysis years are below the State Implementation Plan (SIP) budgets (see table below). The complete document is available at www.gvmc.org/air-quality.

The public comment period for the document was from March 25 - May 8, 2019. No comments were received.

Analysis Year	Emissions (tons/day)	
	VOC	NOx
SIP Budget	40.7	97.87
2020	10.01	11.27
2030	6.13	5.20
2040	4.34	3.22

Therefore, we are requesting formal approval of the attached resolution of support for the results of the air quality conformity analysis.

If you have any questions, please feel free to contact me at 616.776.7603.

Resolution to Accept the 1997 Ozone NAAQS Transportation Conformity Analysis for Kent County and the *Ottawa County part of the 2040 Metropolitan Transportation Plan and 2020- 2023 Transportation Improvement Program* for the Grand Valley Metropolitan Council (GVMC)

WHEREAS, per the court decision in South Coast II, beginning February 16, 2019, transportation conformity determinations for the 1997 ozone national ambient air quality standards (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 NAAQS; and

WHEREAS, the United States Environmental Protection Agency designated Kent County and Ottawa County, (hereafter referred to as Grand Rapids, MI Conformity Area) as a maintenance area in May 2007; and

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

WHEREAS, the conformity of the GVMC 2040 Metropolitan Transportation Plan and 2020-2023 Transportation Improvement Program (TIP) will be pending approval by the Federal Highway Administration after local action on the conformity analysis document by the GVMC Policy Committee; and

WHEREAS, the GVMC 2040 Metropolitan Transportation Plan and 2020-2023 Transportation Improvement Program (TIP) were analyzed in accordance with 40 CFR 51 for air quality conformity and the results of the conformity analysis conducted by the Michigan Department of Transportation demonstrates that the forecasted volatile organic compound (VOC) and nitrogen oxide (NOx) emissions for all analysis years are below the State Implementation Plan (SIP) budgets;

NOW THEREFORE BE IT RESOLVED, that the Policy Committee of the Grand Valley Metropolitan Council accepts the results of the 1997 ozone transportation conformity analysis for the Grand Rapids, MI Conformity Area for the GVMC 2040 Metropolitan Transportation Plan and 2020-2023 Transportation Improvement Program in Kent and Ottawa County; and

BE IT FURTHER RESOLVED, that the 1997 Ozone Transportation Conformity Analysis for the Grand Rapids MI Conformity Area demonstrates conformity with the SIP for air quality as required by provisions of Title 40 CFR 51.390 and 93, and Title 23 CFR 450 and the South Coast II decision.

ATTEST: _____
Darrel Schmalzel, Chair
Grand Valley Metropolitan Council Policy Committee

Date: May 15, 2019