



GRAND VALLEY METROPOLITAN COUNCIL

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**TECHNICAL COMMITTEE**

**Wednesday, January 9, 2019**

**9:30 AM**

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

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**AGENDA**

- I. ROLL CALL AND INTRODUCTIONS**
- II. APPROVAL OF MINUTES—ACTION: Dated Nov 7, 2018  
Please refer to Item II: Attachment A**
- III. OPPORTUNITY FOR PUBLIC COMMENT**
- IV. FY2017-2020 TIP AMENDMENTS/MODIFICATIONS—ACTION: MDOT, Grand Rapids, and Jamestown Township are requesting to amend/modify the FY2017-2020 TIP  
Please refer to Item IV: Attachment A**
- V. TIP 2020-2023 DRAFT PROJECT LIST—ACTION: The Committee will be asked to approve the draft 2020-2023 TIP project list so it can move forward with consultation, environmental justice, air quality, and public involvement.  
Please refer to Item V: Attachment A**
- VI. 2019 SAFETY TARGETS— ACTION: GVMC staff is recommending that the Committee approve supporting the state's safety targets for 2019.  
Please refer to Item VI: Attachment A**
- VII. OTHER BUSINESS**
- VIII. ADJOURNMENT**

MINUTES

**Grand Valley Metropolitan Council  
Transportation Division  
TECHNICAL COMMITTEE MEETING  
Wednesday, November 7, 2018  
Kent County Road Commission  
1500 Scribner NW      Grand Rapids, MI**

DeVries, chair of the Technical Committee, called the meeting to order at 9:30 am. Those present introduced themselves to the Committee.

**I. ROLL CALL AND INTRODUCTIONS****Voting Members Present**Rick DeVries (*Chair*)

Sue Becker

Tim Bradshaw

Terry Brod

Mike Burns

Scott Conners

Wayne Harrall

*Proxy for  
KCRC*

Dennis Kent

*Proxy for  
Tom Doyle*

Doug LaFave

Bill LaRosie

Brett Laughlin

Jon Moxey

Jeff Oonk

Liz Schelling

Sandy Stelma

Dan Strikwerda

Rick Sprague

Charlie Sundblad

City of Grand Rapids

Alpine Township

City of Kentwood/Caledonia Twp.

Cannon Township

City of Lowell

City of Walker

Kent County

Grand Rapids Township

MDOT

City of East Grand Rapids

Cedar Springs

Ottawa County Road Commission

Village of Caledonia

City of Wyoming

ITP-The Rapid

Village of Caledonia

City of Hudsonville

Kent County Road Commission

City of Grandville

**Staff and Non-Voting Guests Present**

Kristin Bennett

Michael Brameijer

Andrea Faber

Abed Itani

Laurel Joseph

Tyler Kent

Daniela Khavajian

Norm Sevensma

Kelly Sheeran

Kerri Smit

Mike Zonyk

City of Grand Rapids

GVMC Staff

GVMC Staff

GVMC Staff

GVMC Staff

MDOT

MDOT - Lansing

RWBC/WMEAC

Algoma Township

GVMC

GVMC

**Voting Members Not Present**

Art Green

MDOT/GRTSC

Ken Bergwerff  
 Robyn Britton  
 Mike DeVries  
 David Dewey  
 Bill Dooley  
 Tom Doyle  
 David Ducat  
 Adam Elenbaas  
 Jim Ferro  
 Kevin Green  
 Tim Grifhorst  
 Tim Haagsma  
 Jerry Hale  
 Roy Hawkins  
 Tom Hooker  
 Jim Holtvluwer  
 Robert Maffeo  
 Terry Martin  
 Matt McConnon  
 Tom Noreen  
 Jeff Oonk  
 Steve Peterson  
 Steve Redmond  
 Terry Schweitzer  
 Brad Sherlow  
 Rick Solle  
 Julius Suchy  
 Toby VanEss  
 Conrad Venema  
 Phil Vincent  
 Steve Warren  
 Rod Weersing  
 Todd Wibright  
 Chris Zull

Jamestown Township  
 Nelson Township  
 Grand Rapids Township  
 Village of Sand Lake  
 City of Wyoming  
 MDOT  
 City of Cedar Springs  
 Allendale Township  
 Ada Township  
 Algoma Township  
 Tallmadge Township  
 Gaines Charter Township  
 Lowell Township  
 GRIAA  
 Byron Township  
 Ottawa County  
 MDOT  
 Carrier & Gable  
 Courtland Township  
 Nelson Township  
 City of Wyoming  
 Cascade Charter Township  
 MDOT  
 City of Kentwood  
 MDOT  
 Plainfield Township  
 Village of Sparta  
 Tallmadge Township  
 ITP – The Rapid  
 City of Rockford  
 Kent County Road Commission  
 Georgetown Township  
 City of Grandville  
 City of Grand Rapids

## **II. APPROVAL OF MINUTES**

DeVries entertained a motion to approve the September 5, 2018 Technical Committee minutes.

**MOTION by Laughlin, SUPPORT by Harrall, to approve the September 5, 2018 Technical Committee meeting minutes. MOTION CARRIED UNANIMOUSLY.**

## **III. OPPORTUNITY FOR PUBLIC COMMENT**

No Comment.

## **IV. FY2017-2020 TIP AMENDMENTS/MODIFICATIONS**

Referring to **Item IV: Attachment A**, Joseph went over the requests to amend the FY2017-2020

TIP. Requests from MDOT, City of Wyoming, Kent County Road Commission and Staff on behalf of KCRC/Nelson County to formally add some TAP projects that previously went through the committee process and recently received conditional commitments through the Michigan Grant System. Will also go over some reports from JobNet.

Kent discussed the MDOT projects and added that the internal funding for the Fuller to I-96 project was approved. Just questioning the air quality guidelines.

<b>FY</b>	<b>JN</b>	<b>Route</b>	<b>Location</b>	<b>Work Description</b>	<b>Phase</b>	<b>Total Cost Est. (\$000)</b>	<b>Change</b>
19	45790	<b>I-196 &amp; I-96</b>	Fuller Avenue to I-96 Junction; and on I-96, from Leonard Ave. to M-44/M-37	Reconstruct EB/WB freeway, add WB lane, realign ramps to M-44 (East Beltline), and add reconstruction of connecting I-96 segments and ramps between Leonard Ave. and M-44/M-37	Const.	\$34,000 (Amendment to existing TIP project)	<b>Cost Increase to include additional elements associated with the new ramps to M-44 and I-96 connection</b>
19	45790 (or a new JN)	<b>I-196EB</b>	Fuller Avenue to I-96 Junction	Add 3 <sup>rd</sup> lane to connect Fuller Avenue with new EB M-44/M-37 off-ramp	Const.	\$4,800 pending approval of new funding	<b>Add Project to TIP (Currently in the approved MTP)</b>

Itani added that currently the TIP can be amended; however, by February 16, 2019, there needs to be an air quality analysis on the TIP approved. He stated that the MDOT project would move forward because it was before the February 16 deadline. Itani also added that no projects will be amended after November due to the air quality analysis that needs to be complete and approved.

Kent asked that it be noted that the amount went up due to the air quality analysis and by the cost of adding the reconstruction of I-96. New bridges that have been discussed can be built as the projects are working together.

Kent also discussed the Pavement Marking Projects that are in the amendment cycle. There are region wide pavement marking contracts but because they cover more than one MPO they need to be listed separately. They are covering all trunk lines.

Joseph began to explain that the City of Wyoming had everything ready for their FY2018 TAP project; however, obligation authority ran out. They are requesting it now be moved to the FY2019. It will not affect funding on any other FY2019 TAP project. Kent County is also moving a project from FY2018 to FY2019. Harrall discussed each of the projects.

<b>2019</b>							
<b>Jurisdiction</b>	<b>Project Name</b>	<b>Project Scope</b>	<b>Facility Type</b>	<b>Cost Total</b>	<b>Local</b>	<b>Federal</b>	<b>Notes</b>
Nelson Township	17 Mile Rd	East of Cedar Springs to Ritchie Ave; Ritchie Ave from 17 Mile S to S of Becker St	Sidepath	\$330,000	\$99,000	\$231,000	CC 9/14/18, needs to be added to TIP
City of Grand Rapids	3 Mile Rd	Fuller Ave to East City Limits	Paved Shoulder	\$140,000	\$42,000	\$98,000	CC August 3, needs to be added to TIP
City of Wyoming	Frog Hollow/M-6 Trail Connection	Frog Hollow park to the M-6 Trail	Shared Use Path	\$82,000	\$24,600	\$57,400	CC 10/3/18, needs to be added to TIP
<b>2020</b>							
<b>Jurisdiction</b>	<b>Project Name</b>	<b>Project Scope</b>	<b>Facility Type</b>	<b>Cost Total</b>	<b>Local</b>	<b>Federal</b>	<b>Notes</b>
City of Grand Rapids	Plainfield Ave	I-96 to 390' N of Salemo Dr	Sidewalk	\$275,000	\$82,500	\$192,500	CC 9/14/18, needs to be added to TIP

Joseph discussed that in preparation of the FY2020 Federal Transit Administration (FTA) grant application, the Rapid needs to amend their FY2019 and FY2020 project lists. She went over the memos and noted the items that needed to be added and amended below:

### **FY2020**

#### **New items to be added to the TIP:**

Source	Description	Federal	Total
CTF	Specialized Services	0	463,289
5307	EAM Software	200,000	250,000
5307	New Passenger Shelters	8,160	10,200
5307	Transit Enhancement	41,052	51,315
5307	Transit Signal Priority Upgrade Project	259,147	323,934
5339	Replacement CNG Buses	966,419	1,208,024

#### **Amendments:**

### **Section 5307**

<b>TIP Line Request</b>	<b>Project</b>	<b>Original Federal Budget</b>	<b>Amended Federal</b>
104	A&E	93,386	81,600
105	Assoc Capital Maintenance	817,597	680,000

DRAFT

DRAFT  
Item II: Attachment A

106	Bus Stop Signs	9,338	0
107	Bus Tire Lease	384,751	339,587
108	Capital Cost of Contracting	711,790	720,000
109	Computer Hardware	127,345	562,000
110	Computer Software	84,897	502,744
111	Accounting Software	297,138	0
112	Facility Equipment	93,386	60,000
113	Information Displays	8,490	0
114	ITS/Fare Collection Equipment	12,734	382,035
115	Misc. Contingencies	48,094	81,600
116	Misc. Support Equipment	63,673	16,000
117	Office Furniture/Equipment	38,203	40,800
118	Paratransit Replace/Buses	701,282	389,524
119	Passenger Shelters/Benches	50,938	0
120	Planning Funds (UPWP)	382,035	400,000
121	Preventive Maintenance	1,273,457	960,000
122	Rehab Admin Maint Facility	288,929	1,309,998
123	Replacement CNG Buses	4,701,930	2,983,186
124	Service Vehicles	63,673	61,200
125	Shop Equipment	63,673	16,000
126	Storage/Shelving Units	8,490	0
127	Surveillance/Security	84,358	139,830

## CMAQ

TIP Line Request	Project	Original Federal Budget	Amended Federal
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332	Clean Air Action Days	80,000	Same
333	Replacement Vanpool Van	100,000	Same
331	Rideshare Program	165,454	Same
334	Replacement CNG Buses	1,070,000	Same

## Section 5339

TIP Line Request	Project	Original Federal Budget	Amended Federal
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129	CNG Bus Facility	1,416,722	0
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## FY2019

New items to be added to the TIP:

Source	Description	Federal	Total
CTF	Specialized Services	0	463,289

5307	ADA Vehicle Equipment	17,600	22,000
5307	EAM Software	200,000	250,000
5307	New Passenger Shelters	8,000	10,000
5307	Transit Enhancements	40,247	50,309

Amendments:

**Section 5307**

<b>TIP Line Request</b>	<b>Project</b>	<b>Original Federal Budget</b>	<b>Amended Federal</b>
75	A&E	91,555	80,000
76	Assoc Capital Maintenance	714,000	922,677
77	Bus Stop Signs	10,470	0
78	Bus Tire Lease	332,928	Same
79	Capital Cost of Contracting	734,400	560,000
80	Computer Hardware	235,416	451,817
81	Computer Software	98,769	346,233
83	Facility Equipment	87,753	60,000
84	Information Displays	8,160	0
85	ITS/Fare Collection Equipment	374,544	Same
86	Misc. Contingencies	54,101	80,000
87	Misc. Support Equipment	8,160	16,000
88	Office Furniture/Equipment	89,760	40,800
89	Paratransit Replace/Buses	687,532	443,615
90	Passenger Shelters/Benches	45,778	0
91	Planning Funds (UPWP)	414,814	657,560
92	Preventive Maintenance	800,000	1,200,000
93	Rehab Admin Maint Facility	163,608	800,000
94	Replacement CNG Buses	4,659,170	2,896,000
95	Service Vehicles	61,200	60,000
96	Shop Equipment	62,179	16,000
97	Storage/Shelving Units	8,323	0
98	Surveillance/Security	137,088	137,088
99	Transit Signal Priority Project	259,559	100,000

**CMAQ**

<b>TIP Line Request</b>	<b>Project</b>	<b>Original Federal Budget</b>	<b>Amended Federal</b>
263	Clean Air Action Days	80,000	Same
264	Replacement Paratransit Bus	80,000	Same
266	Rideshare Program	157,575	Same
267	Replacement CNG Buses	720,000	Same

**Section 5339**

<b>TIP Line Request</b>	<b>Project</b>	<b>Original Federal Budget</b>	<b>Amended Federal</b>
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102	Replacement CNG Buses	945,636	1,200,000
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Joseph explained she was working with MDOT, office of passenger transport and FTA to figure out JobNet clarifications.

Joseph explained the JobNet reports and the reasons given in the federal amendment type column. A majority of them are a result of GPA threshold issues and some are actual and some are JobNet. Also, asking approval of the GPA Target Report thresholds in the GPA proposed amounts. Specifically looking at GPAs that don't have an MPO approval date. Joseph explained that some of the TAP projects were bumped out of the GPA when they transitioned from the old spreadsheet file to the new online data base "JobNet." Some of those were able to be moved back in. The new GPA target report reflects the bigger threshold proposed amount for the local livability and sustainability GPA. The new threshold numbers are 2.3 million in FY2019 and the proposed new additional amount will be almost 1.9 million. FY2020 the new proposed amount will be 2.25 million. Discussion ensued.

**MOTION by Bennett, SUPPORT by Conners, to approve the FY2017-FY2020 TIP AMENDMENTS/MODIFICATIONS. MOTION CARRIED UNANIMOUSLY.**

#### **V. PUBLIC PARTICIPATION PLAN**

Referring to **Item V: Attachment A**, Faber stated that in September, staff brought the draft Public Participation Plan to the Technical Committee for consideration. The Plan concludes its required 45-day public comment period today. Five comments have been received during the comment period, and one comment was received in 2014, which was considered as we revised the document. None of the comments have resulted in changes in the content of the draft document. Faber asked the Committee to recommend approval of the final Public Participation Plan to the Policy Committee, and noted that if any comments are received later today, that they will be brought directly to the Policy Committee.

**MOTION by Harrall, SUPPORT by Bradshaw, to recommend approval the 2018 Public Participation Plan to the Policy Committee. MOTION CARRIED UNANIMOUSLY.**

#### **VI. TIP 2020 – 2023 DEFICIENCY LIST**

Please refer to **Item VI: Attachment A**, Zonyk discussed that his item was added to the agenda to piggyback on the recent project for the FY2020-FY2023 TIP that Joseph sent out a few weeks ago with an attached deficiencies list. An example of Draft Deficiency List and Field Definitions were provided. One of the changes in defining the deficiencies was using peak hour instead of daily deficiencies. We're able to mark time of day, volumes and capacities which gives a more microscopic view on where the congestion is occurring. Zonyk used maps that were set up to explain. Condition is same as before, using PASER. There is additional IRI data provided on the NHS system on the Deficiency list that is being passed on as supplemental data. Safety, a new deficiency, using state targets for serious injuries and fatalities for 100 million vehicles traveled. Using as characteristics to flag whether a segment is deficient.



**VII. OTHER BUSINESS**

Joseph advised the committee, based on the Doodle poll, that the upcoming TPSG meetings will be held on December 3 and 4.

Itani added that the state is showing a 6.5 million dollar surplus and that it is unknown where it is coming from. Needed to confirm that it is not a mistake.

Itani also explained the new process for the FY2017-2020 TIP and Transportation Plan going through the air quality conformity analysis.

Harrall advised to have projects in the TIP by October 1, 2019 to avoid delays in projects. Beginning FY2020 verification will be required for planning projects.

DeVries asked if communities that submit projects for the illustrative list, will include air quality conformity. Itani cannot include illustrative projects because it is not committed and does not have a construction schedule.

Itani advised to send the committee a list of all exempt project types.

Kent advised that MDOT has a New Director, Mark VanPort Fleet.

**VIII. ADJOURNMENT**

DeVries entertained a motion to adjourn the November 7, 2018 Technical Committee meeting.

**MOTION by Harrell, SUPPORT by Strikwerda, to adjourn the November 7, 2018 Technical Committee meeting at 10:14 am. MOTION CARRIED UNANIMOUSLY.**



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## **MEMORANDUM**

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**DATE:** January 2, 2019

**TO:** Technical Committee

**FROM:** Laurel Joseph, Transportation Planner

**RE:** **TIP Amendment/Modifications**

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MDOT, Grand Rapids, and Jamestown Township 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 JobNet summary. MDOT is also requesting the review of the Trunkline Traffic Operations and Safety GPA threshold and associated projects (please see attachments).
- The City of Grand Rapids is requesting to move a 2019 project to 2020 and requesting to move two 2020 projects into 2019 to replace it. Federal funding between the years will remain the same. GR is also requesting to increase the total cost associated with a 2019/2020 project. This increase will not impact the amount of federal funding associated with the project, just the local share (please see attachment).
- If successful in obtaining a conditional commitment (CC) through the MDOT Grant System process, Jamestown Twp (through OCRC) is requesting to move a regional TAP project from 2019 to 2020 and requesting additional funding. The Ada Twp project that was approved by Committees to apply for 2020 regional TAP funding will not be moving forward in 2020, and Jamestown would like to capture the grant funding from that project and utilize some of GVMC's cumulative balance to fund the additional anticipated cost. This project is not currently in the TIP because it has not gotten a CC, but was approved by Committees to apply for 2019 regional TAP funding during the development of the FY2017-2020 TIP (please see attachment).

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



ALL PROJECT SEARCH - STANDARD REPORT

Fiscal Year(s) : 2019, 2020

Date: 01/02/2019

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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	
S/TIP Line items																																
2019	Trunkline	132548	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Leonard St NE Kent County		2.572	Traffic Safety	Overhead Sign Upgrading in Ken			CON	Programmed	17-20	\$3,352,250	\$0	\$0	\$3,352,250	NHG	4,152,250				N/A	12/18/2018		02/01/2019		Phase Budget over 24%	Pending	
2019	Trunkline	200348	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196BS	I196 EB OFF RAMP @ 44TH ST I-196 WB OFF-RAMP @ 44TH ST I196BS (CHICAGO DR) @ BURLINGAM E (Sue survey ordered) US131 NB OFF RAMP @ PEARL, SCRIBNER	0.000	Traffic Safety	Traffic Signal Modernizations ; connected vehicle installations.			ROW	Programmed	17-20	\$2,500	\$0	\$0	\$2,500	STG	2,108,084	08/02/2018	08/09/2018	N/A	10/30/2018		09/04/2020				Pending	
2020	Trunkline	200348	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196BS	I196 EB OFF RAMP @ 44TH ST I-196 WB OFF-RAMP @ 44TH ST I196BS (CHICAGO DR) @ BURLINGAM E (Sue survey ordered) US131 NB OFF RAMP @ PEARL, SCRIBNER	0.000	Traffic Safety	Traffic Signal Modernizations ; connected vehicle installations.			CON	Programmed	17-20	\$784,944	\$0	\$0	\$784,944	STG	2,108,084	09/19/2018	11/02/2018	N/A	07/10/2020		09/04/2020				Pending	
2020	Trunkline	200672	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-45	96th Ave to 68th Ave	6.095	Road Capital Preventive Maintenance	Milling & One Course Asphalt Overlay			CON	Programmed	17-20	\$660,920	\$145,080	\$0	\$806,000	NH	1,560,000			N/A	09/18/2020		11/06/2020		Phase Added	Pending		
2019	Trunkline	202806	Grand Valley Metropolitan Council (GVMC)	Montcalm	MDOT	M-57	US-131 ramps at 22 Mile Rd (Kent County)	3.631	Road Rehabilitation	Concrete Pavement Repair, Concrete Resealing, HMA approach resurfacing			CON	Programmed	17-20	\$74,620	\$16,380	\$0	\$91,000	ST	645,000			N/A	02/08/2019		04/05/2019		Phase Budget over 24%	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	Programmed	17-20	\$1,350	\$150	\$0	\$1,500	HSIP	2,742,500	11/21/2018	12/13/2018	N/A	11/01/2018		03/01/2019			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			CON	Programmed	17-20	\$603,582	\$67,065	\$0	\$670,647	HSIP	2,742,500	11/21/2018	12/13/2018	N/A	01/17/2019		03/01/2019			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	Programmed	17-20	\$90	\$10	\$0	\$100	HSIP	692,500	11/21/2018	12/13/2018	N/A	11/01/2018		02/01/2019			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			CON	Programmed	17-20	\$1,125	\$125	\$0	\$1,250	HSIP	692,500	11/21/2018	12/13/2018	N/A	12/07/2018		02/01/2019			Pending		
2019	Trunkline	203508	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296 N	Grand Rapids Area	1.362	Traffic Safety	Pavement marking retroreflectivity readings and condition assessment			CON	Programmed	17-20	\$3,753	\$417	\$0	\$4,170	HSIP	17,000	11/21/2018	12/13/2018	N/A	12/03/2018				Scope Constructi on Length Change	Pending		
GPA Type Subtotals:			S/TIP Line items														\$5,485,134		\$229,227		\$0		\$5,714,361									
Trunkline Traffic Operations And Safety																																
2020	Trunkline	123324	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96 WB	At M-21	0.001	Major Widening	I-96 WB Weave-Merge lane and add M-21 WB off ramp			CON	Programmed	17-20	\$1,526,503	\$338,498	\$0	\$1,865,000	CM	2,849,000	07/11/2018	07/11/2018	N/A	01/01/2020		02/07/2020		GPA over 24%	Pending		
2020	Trunkline	128369	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2020 WMTOC Control Room Operations			EPE	Programmed	17-20	\$662,985	\$147,015	\$0	\$0	CM	810,000	07/11/2018	07/11/2018	N/A	10/01/2019				GPA over 24%, Phase Added	Pending		
2020	Trunkline	128371	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Front Ave NW	Various locations in Grand Region	0.000	ITS Applications	2020 ITS maintenance & operations in Grand Region			EPE	Programmed	17-20	\$806,223	\$178,778	\$0	\$985,000	CM	985,000			N/A	10/01/2019				GPA over 24%	Pending		
2020	Trunkline	204765	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	Road Weather information Systems			EPE	Programmed	17-20	\$193,149	\$42,830	\$0	\$235,979	ST	4,704,006			N/A	10/01/2019		02/05/2021		GPA over 24%	Pending		



ALL PROJECT SEARCH - STANDARD REPORT

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Date: 01/02/2019

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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
2020	Trunkline	204765	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	Road Weather information Systems			PE	Programmed	17-20	\$463,557	\$102,793	\$0	\$566,350	ST	4,704,006			N/A	10/07/2019		02/05/2021		GPA over 24%		Pending
2020	Trunkline	204771	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	M-6 WB and US-131 SB	0.000	ITS Applications	Electrical service for six (6) existing VDS			CON	Programmed	17-20	\$50,798	\$11,264	\$0	\$62,062	NH	62,062			N/A	10/07/2019				GPA over 24%		Pending
2020	Trunkline	204815	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	7 locations in Kent County	4.977	ITS Applications	ITS camera and VDS installation			PE	Programmed	17-20	\$139,327	\$30,895	\$0	\$170,222	NH	1,342,860			N/A	10/04/2019		01/08/2021		GPA over 24%		Pending
GPA Type Subtotals:			Trunkline Traffic Operations And Safety													\$3,842,542	\$852,073	\$0	\$3,884,613												
Grand Total:																\$9,327,676	\$1,081,300	\$0	\$9,598,974												

Total Jobs Reported: 17

- 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
- STIP Status: Pending  
(A - Approved, P - Pending)
- Job Type: Trunkline
- Phase Type: ALL
- Phase Status: ALL  
(AP - Programmed, AC - Active, CP - Completed)  
(Active - Obligated)
- Amendment Type: ALL
- Templates: Trunkline - ALL
- Finance System: Trunkline - ALL



## GENERAL PROGRAM ACCOUNT (GPA) TARGET REPORT

Date: January 02, 2019

Page: 1 of 1

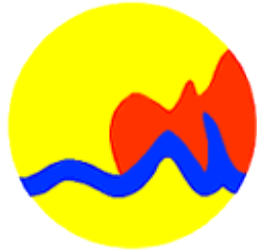
Fiscal Year	MPO	Job Type	GPA	Status	Threshold Amount	Usage Amount	Proposed Amount	Change Amount	Remaining Amount	MPO Approval Date	Fed Approval Date
2019	GVMC	Local	Local Bridge	Local Approved	\$4,072,279	\$4,046,500	\$0	\$25779	\$30,456	12/18/2018	
2019	GVMC	Local	Local Livability and Sustainability	Local Approved	\$4,347,745	\$4,314,852	\$0	\$600	\$32,893	12/14/2018	
2019	GVMC	Local	Local Road	Proposed	\$9,751,323	\$11,130,413	\$1,317,938	\$0	\$0		
2019	GVMC	Local	Local Traffic Operations And Safety	Local Approved	\$1,894,664	\$1,875,914	\$0	\$18750	\$18,750	12/12/2018	
2019	GVMC	Multi-Modal	Transit Capital	Local Approved	\$1,522,804	\$1,522,804	\$0	\$0	\$0	12/21/2018	
2019	GVMC	Trunkline	Trunkline Bridge	Federal Approved	\$400,051	\$400,051	\$0	\$0	\$115,589	11/15/2018	11/20/2018
2019	GVMC	Trunkline	Trunkline Road	Local Approved	\$3,241,003	\$3,241,003	\$0	\$0	\$0	01/02/2019	
2019	GVMC	Trunkline	Trunkline Traffic Operations And Safety	Federal Approved	\$3,917,450	\$3,917,450	\$0	\$0	\$7,723	11/15/2018	11/20/2018
2020	GVMC	Local	Local Livability and Sustainability	Federal Approved	\$4,881,534	\$4,789,034	\$0	\$0	\$92,500	12/04/2018	12/06/2018
2020	GVMC	Local	Local Road	Federal Approved	\$8,983,323	\$7,753,323	\$0	\$0	\$1,230,000	12/04/2018	12/06/2018
2020	GVMC	Local	Local Traffic Operations And Safety	Federal Approved	\$2,511,268	\$2,511,268	\$0	\$0	\$0	11/29/2018	12/06/2018
2020	GVMC	Multi-Modal	Transit Capital	Federal Approved	\$14,782,950	\$1,770,965	\$0	\$13011985	\$13,011,985	11/09/2018	12/21/2018
2020	GVMC	Multi-Modal	Transit Operating	Proposed	\$0	\$383,000	\$383,000	\$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	\$639,001	\$0	\$0	\$0	11/15/2018	11/20/2018
2020	GVMC	Trunkline	Trunkline Traffic Operations And Safety	Proposed	\$0	\$4,694,615	\$4,694,615	\$0	\$0		
Grand Total:					\$64,595,148	\$56,639,946	\$6,395,553	\$13,057,114.00	\$14,539,896		

Number of Records: 16

### Preferences:

Years : 2019, 2020

MPO : Grand Valley Metropolitan Council (GVMC)



December 31, 2018

Dear Ms. Joseph,

The City of Grand Rapids has a reconstruction project – Alger Street from Eastern Avenue to Kalamazoo Avenue - in the Transportation Improvement Program as a STPU FY2019 project. The planning and design process is taking longer than anticipated and it may be better to plan to do this project in FY2020.

We would like to move two of our STPU FY2020 to STPU FY2019 and move Alger Street back to STPU FY2020. It should be noted that the Market Avenue limits in bold in FY2019 are the correct limits. We have also reduced the grant amount for the Madison Avenue project to keep FY2019 fiscally constrained. Also, please note the local share for Madison Avenue was increased to include water main replacement within a portion of the project limits. Finally, the reconstruction costs for the City's Division Avenue – Wealthy Street to Cherry Street is 25% more than the project estimate, requiring a TIP amendment.

Here are the requested changes:

**FY2019 STP-U (78.5%/21.5%)**

<u>PROJECT</u>	<u>PROJECT LIMITS</u>	<u>SCOPE</u>	<u>LENGTH</u>	<u>FEDERAL/STATE</u>	<u>NON-FED</u>	<u>TOTAL</u>
<b><u>DELETE</u></b>						
Alger Street	Eastern Avenue to Kalamazoo Avenue	Reconstruct	0.73	\$981,250.00	\$268,750.00	\$1,250,000.00
<b><u>ADD</u></b>						
Market Avenue	<b>I-196 WB Ramp</b> to 200' W of Plaster Creek and Coit Avenue to <b>Wealthy Street</b>	Rotomill/resurface	1.37	\$600,000.00	150,000.00	750,000.00
Madison Avenue	Franklin Street to Wealthy Street	Rotomill/resurface	0.5	381,250.00	102,750.00	484,000.00

**FY2020 STP-U (80%/20%)**

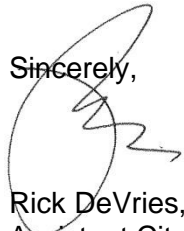
<b><u>DELETE</u></b>						
Market Avenue	Frontage Street to 200' W of Plaster Creek and Coit Avenue to Market Avenue	Rotomill/resurface	0.96	\$600,000.00	150,000.00	750,000.00
Madison Avenue	Franklin Street to Wealthy Street	Rotomill/resurface	0.5	384,000.00	950,000.00	1,334,000.00
<b><u>ADD</u></b>						
Alger Street	Eastern Avenue to Kalamazoo Avenue	Reconstruct	0.73	\$981,250.00	\$268,750.00	\$1,250,000.00

**FY2019 NHPP**

Division Avenue	Wealthy Street to Cherry Street	Reconstruct	0.25	\$735,939.00	804,475.00	1,540,414.00
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If you or members of the Technical Committee have questions, please let me know. Thank you for your assistance.

Sincerely,

A handwritten signature in black ink, appearing to read "Rick DeVries", written over the word "Sincerely,".

Rick DeVries, P.E.  
Assistant City Engineer

cc: Karyn Ferrick  
Josh Naramore  
Kristin Bennett  
Eric DeLong  
Suzanne Schulz  
Jeff McCaul  
Dan Siminski  
Breese Stam  
Abed Itani



ALL PROJECT SEARCH - STANDARD REPORT

Date: 01/02/2019

Fiscal Year(s) : 2019, 2020

Page: 1 of 1

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																																			
2019	Local	130609	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Madison Ave	Franklin Street to Wealthy Street	0.498	Road Rehabilitation	Rotomill and Resurface			CON	Programmed	17-20	\$381,250	\$0	\$952,750	\$1,334,000	STU	1,334,000	01/20/2016	10/03/2016	N/A	01/04/2019		03/01/2019		GPA over 24%		Pending				
2019	Local	130834	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Market Ave SW	I-196 WB Ramp to 200' West of Plaster Creek and Coit Ave to Wealthy Street	1.067	Road Rehabilitation	Rotomill and Resurface			CON	Programmed	17-20	\$600,000	\$0	\$150,000	\$750,000	STU	750,000	01/20/2016	10/03/2016	N/A	01/04/2019		03/01/2019		GPA over 24%	Please gap out (remove) the section of Market Avenue from 200' West of Plaster Creek to Coit Avenue, these limits are not part of this project. I could not make these changes. (No idea why).	Pending				
GPA Type Subtotals:			Local Road													\$981,250		\$0	\$1,102,750	\$2,084,000															
S/TIP Line items																																			
2019	Local	130612	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave	Wealthy Street to Cherry Street	0.248	Reconstruction	Reconstruction	AC	2020	CON	Programmed	17-20	\$46,688	\$0	\$43,599	\$90,287	STU	1,540,414			N/A	01/04/2019		03/01/2019		Phase AC in FY 2019 with Pending Budget over 24%	AC conversion \$127,709 in FY 2020	Pending				
2019	Local	130612	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave	Wealthy Street to Cherry Street	0.248	Reconstruction	Reconstruction			CON	Programmed	17-20	\$689,251	\$0	\$633,167	\$1,322,418	NH	1,540,414			N/A	01/04/2019		03/01/2019		Phase AC in FY 2019 with Pending Budget over 24%	AC conversion \$127,709 in FY 2020	Pending				
2020	Local	130612	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Division Ave	Wealthy Street to Cherry Street	0.248	Reconstruction	Reconstruction	ACC	2020	CON	Programmed	17-20	\$127,709			\$127,709	STU	1,540,414			N/A	01/04/2019		03/01/2019		Phase AC in FY 2019 with Pending Budget over 24%	AC conversion \$127,709 in FY 2020	Pending				
2020	Local	130653	Grand Valley Metropolitan Council (GVMC)	Kent	Grand Rapids	Alger St	Eastern Avenue to Kalamazoo Avenue	0.732	Reconstruction	Reconstruction			CON	Programmed	17-20	\$981,250	\$0	\$268,750	\$1,250,000	STU	1,250,000	01/20/2016	10/03/2016	N/A	01/10/2020		03/06/2020				Pending				
GPA Type Subtotals:			S/TIP Line items													\$1,844,898		\$0	\$945,516	\$2,790,414															
Grand Total:																\$2,826,148		\$0	\$2,048,266	\$4,874,414															

Total Jobs Reported: 4

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

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

Job Type: Local

Phase Type: ALL

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

Amendment Type: ALL

Templates: , Local - ALL

Finance System: , Local - ALL



# vriesman & korhorn

CIVIL ENGINEERS

December 28, 2018  
594

*Via email: laurel.joseph@gvmc.org*

Ms. Laurel Joseph  
678 Front Avenue NW, Suite 200  
Grand Rapids, MI 49504

RE: Greenly Street Connector, Sun Ridge Drive to 24<sup>th</sup> Avenue  
NW and NE ¼ of Section 4, Jamestown Charter Township

Ms. Joseph,

As indicated in a letter to you dated June 5, 2018, it is our opinion that the original estimate of \$140,000 shown to construct approximately 0.75 miles (3,960 feet) of 10' wide asphalt path along the north side of Greenly Street from Sun Ridge Drive to 24<sup>th</sup> Avenue is insufficient.

TAP funded projects along 22<sup>nd</sup> Avenue and Kenowa Street in Jamestown were constructed in 2017 and 2018, respectively, at about \$65 per foot. Using this estimate and including additional contingencies for removal of existing path, property acquisition, retaining walls, grading, utility relocations, time cost of money, labor cost increases, and potential economic changes or tariffs, we estimate the Greenly Street path will cost \$100 per foot. The June 5, 2018 letter requested that the Grand Valley Metro Council (GVMC) revise the estimate to construct the Greenly Street Connector sidepath to \$396,000.

We have recently been informed that another non-motorized project within the GVMC area has dropped out of funding for fiscal year 2020. We request that GVMC consider moving the Greenly Street path project to 2020 to capture the money intended for the removed project.

Thank you for your consideration in this matter. If you have any questions or concerns, please do not hesitate to call.

Sincerely,

*vriesman & korhorn*



Aaron Van Proyen, P.E.

AVP/nmv

- c. Mr. Ken Bergwerff, Jamestown Township Supervisor
- Ms. Candy DeHaan, Jamestown Township Clerk
- Mr. John Gutierrez, P.E., Special Services Engineer, OCRC
- Mr. Nathan Vriesman, P.E., Vriesman & Korhorn Civil Engineers



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

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**DATE:** January 2, 2019

**TO:** Technical Committee

**FROM:** Laurel Joseph, Transportation Planner

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

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On December 3 and 5, 2018 the Transportation Programming Study Group met and on December 11, 2018 the Rural TIP Subcommittee met to begin the process of programming projects for the FY2020-2023 Transportation Improvement Program (TIP). The results of those programming efforts are reflected in the attached proposed FY2020-2023 TIP list of projects as well as an Illustrative list of projects. Also included is MDOT's Four Year Program and ITP-The Rapid's list of projects of FY2020-2023.

The illustrative list of projects includes projects that are deficient in one form or another but have no Federal or State funding associated with them. These projects are placed there in case programmed projects are canceled or more Federal/State funding becomes available. In that case, these projects can move into the TIP with minimal MPO action as these projects have been through the consultation process, environmental justice review, air quality conformity analysis, and public involvement.

The next step in the development of the TIP is to begin the consultation process, environmental justice review, air quality conformity analysis, and public involvement. The current FY2017-2020 TIP will remain in effect until the FY2020-2023 TIP is approved by MDOT and the Governor, and has been found to conform to the SIP by FHWA and FTA.

GVMC staff is looking for Technical Committee preliminary approval of the attached draft lists of proposed projects in order to continue to move the process forward.

Public notice of public participation activities and time established for public review of and comments on the TIP will satisfy the POP requirements for Section 5307 public involvement.

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

**Draft FY2020-2023 TIP Projects**

Item V: Attachment A

**FY2020 STP-Urban**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Sunset Hills Avenue	Lake Michigan Drive to Jason Ridge Lane	Mill and Replace Top Surface	Walker	2900'	\$ 320,000	\$	80,000	\$ 400,000
Byron Center Ave	South City Limit to 44th Street	Rotomill and Resurface	Wyoming	2.028	\$ 550,000	\$	140,000	\$ 690,000
32nd Ave	I-196 bridge to Corporate Grove Dr	Add 2nd left turn lane	Hudsonville	1,100'	\$ 280,000	\$	70,000	\$ 350,000
44th Street	Breton Ave to Shaffer Ave	4.5" Mill & Resurface with Storm Rprs	Kentwood	0.84	\$ 500,000	\$	125,000	\$ 625,000
Port Sheldon St	44th Street to Main Street	Resurface	Ottawa County	2.493	\$ 620,000	\$	450,000	\$ 1,070,000
44th St	Chicago Drive to 8th Avenue	Resurface	Ottawa County	1.685	\$ 400,000	\$	440,000	\$ 840,000
Hall St	Division Avenue to Jefferson Avenue	Rotomill and Resurface	Grand Rapids	0.174	\$ 100,000	\$	25,000	\$ 125,000
Walker Ave	Stocking Avenue to Leonard Street	Rotomill and Resurface	Grand Rapids	1.072	\$ 580,000	\$	145,000	\$ 725,000
Madison Ave	28th Street to Alger Street	Rotomill and Resurface	Grand Rapids	0.507	\$ 284,000	\$	71,000	\$ 355,000
Alger St	Madison Avenue to Eastern Avenue	Reconstruction/rotomill/resurface	Grand Rapids	0.501	\$ 532,000	\$	133,000	\$ 665,000
Ottawa Ave	Fulton Street to Michigan Street	Rotomill and Resurface	Grand Rapids	0.532	\$ 284,000	\$	71,000	\$ 355,000
Madison Ave	Franklin Street to Wealthy Street	Rotomill and Resurface	Grand Rapids	0.498	\$ 384,000	\$	96,000	\$ 480,000
Eastern Ave	Ardmore Street to Oakdale Street	Rotomill and Resurface	Grand Rapids	0.626	\$ 500,000	\$	125,000	\$ 625,000
Lake Dr SE	Lake Drive - Atlas Ave to ECL	Rotomill and Resurface	Grand Rapids	0.273	\$ 400,000	\$	100,000	\$ 500,000
Market Ave SW	I-196 WB Ramp to 200' West of Plaster Creek and Coit Ave to Wealthy Street	Rotomill and Resurface	Grand Rapids	1.067	\$ 600,000	\$	150,000	\$ 750,000
Planning Studies	Areawide	Planning Studies	GVMC	0.000	\$ 150,000	\$	37,500	\$ 187,500
84th St	Kalamazoo Avenue to Breton Avenue	Reconstruction	Kent County	1.004	\$ 1,120,000	\$	280,000	\$ 1,400,000

**Draft FY2020-2023 TIP Projects**

Item V: Attachment A

Hall St	Fuller Avenue to Colorado Avenue	Reconstruction	Grand Rapids	0.298	\$ 400,000	\$ 100,000	\$ 500,000
Hall St	Kalamazoo Avenue to Fuller Avenue	Reconstruction	Grand Rapids	0.289	\$ 400,000	\$ 100,000	\$ 500,000
Division Ave	Wealthy Street to Cherry Street	Reconstruction	Grand Rapids	0.248	\$ 127,709		\$ 127,709
Courtland St/Northland Dr	Courtland St from Monroe St to Northland Dr; Northland Dr from Courtland St to Wolverine Blvd	Resurface with misc utility work and sidewalk improvments	City of Rockford		\$ 396,000	\$ 99,000	\$ 495,000
<b>Totals</b>					<b>\$8,927,709</b>	<b>\$ 2,837,500</b>	<b>\$11,765,209</b>

**FY2020 STP FLEX**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
68th Street	Byron Center Ave to Burlingame Ave	Mill and Fill	KCRC	1.00	\$ 646,500	\$ 253,500	\$ 900,000	
68th Street	Burlingame Ave to Clyde Park Ave	Widen from to 3 Lanes	KCRC		\$ 566,500	\$ 233,500	\$ 800,000	
Totals					\$1,213,000	\$ -	\$ 487,000	\$ 1,700,000

**FY2020 NHPP**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL		STATE		LOCAL		TOTAL		
Byron Center Ave	South City Limit to 44th Street	Rotomill and Resurface	Wyoming	2.028	\$	520,000	\$	-	\$	130,000	\$	650,000	
44th Street	Breton Ave to Shaffer Ave	4.5" Mill & Resurface with Storm Rprs	Kentwood	0.84	\$	183,000			\$	45,750	\$	228,750	
Totals						\$	703,000	\$	-	\$	175,750	\$	878,750

Draft FY2020-2023 TIP Projects

Item V: Attachment A

**FY2020 EDF-C**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
84th St	Division Avenue to Eastern Avenue	Reconstruct to 3 lane	Kent County	0.975	\$	1,040,261	\$ 260,065	\$ 1,300,326
Segwun Ave SE	South of Segwun Avenue to Grand River Drive	Widen from 2 to 3 Lanes	Kent County	0.347	\$	713,014	\$ 178,254	\$ 891,268
							\$	-
<b>Totals</b>					<b>\$ 1,753,275</b>	<b>\$ 438,319</b>	<b>\$ 2,191,594</b>	

**FY2020 CMAQ Local**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Ellsworth Ave	Areawide	Replacement 40' buses/CNG (3)	ITP	0.001	\$ 1,070,000	\$ 267,500	\$	1,337,500
Front Ave	Areawide	Clean Air Action Days	GVMC	0.001	\$ 80,000	\$ -	\$ 20,000	\$ 100,000
Market Ave	various locations	Signal detection install/upgrades var locations	Grand Rapids	0.001	\$ 142,000	\$ -	\$ 58,000	\$ 200,000
Market Ave	Various	Signal optimization @ up to 120 Fed aid locations	Grand Rapids	0.001	\$ 213,000	\$ -	\$ 87,000	\$ 300,000
Burton St	Burton/East Paris Intersection	Add right turn lanes on NE and NW quads	Kentwood	0.001	\$ 184,600	\$ -	\$ 75,400	\$ 260,000
Byron Center Ave	At 44th Street	Add NB RT Only Lane	Wyoming	0.001	\$ 142,000	\$ -	\$ 58,000	\$ 200,000
Three Mile Road	Walker Avenue at 3 Mile Road	Add dual lefts from EB 3 Mile Road to NB Walker	Walker	0.001	\$ 320,000		\$	320,000
Rideshare program	Areawide	Rideshare program	ITP	0.001	\$ 165,454		\$	165,454
Ellsworth Ave	Areawide	Free rides on Clean Air Action Days	ITP	0.001	\$ 40,000	\$ 10,000	\$ -	\$ 50,000
Ellsworth Ave	Areawide	4 Replacement VanPool Vans	ITP	0.001	\$ 100,000	\$ 25,000	\$ -	\$ 125,000
<b>Totals</b>					<b>\$2,457,054</b>	<b>\$ 302,500</b>	<b>\$ 298,400</b>	<b>\$ 3,057,954</b>

**FY2020 CMAQ MDOT**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
I-96 WB	At M-21	I-96 WB Weave-Merge lane and add M-21 WB off ramp	MDOT	0.001	\$ 1,526,503	\$ 338,497	\$	1,865,000
<b>Totals</b>					<b>\$1,526,503</b>	<b>\$ 338,497</b>	<b>\$ -</b>	<b>\$ 1,865,000</b>

**ITS Set-Aside**

ITS Applications	Various locations in Grand Region	2020 WMTOC Control Room Operations	MDOT	0.000	\$ 662,985	\$ 147,015	\$	810,000
ITS Applications	Various locations in Grand Region	2020 ITS maintenance & operations in Grand Region	MDOT	0.000	\$ 806,223	\$ 178,778	\$	985,001
Market Ave	Areawide	Regional Signal System TMS Operations	Grand Rapids	0.001	\$ 528,000	\$ -	\$ 132,000	\$ 660,000
<b>Totals</b>					<b>\$1,997,208</b>	<b>\$ 325,793</b>	<b>\$ 132,000</b>	<b>\$ 2,455,001</b>

**FY2021 STP-Urban**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Hall Street	Projected Hutchinson (Wilshire) to Lake	cold mill HMA surface and HMA resurface	East Grand Rapids	1.10	\$ 641,750	\$	208,250	\$ 850,000
Hall Street	Sylvan Avenue to 1,275' East of Plymouth Avenue	Milling and two course asphalt resurfacing	City of GR/EGR	0.51	\$ 245,375	\$	79,625	\$ 325,000
Fulton Street	Arthur Avenue to Wallinwood Avenue	Asphalt reconstruction	City of GR	0.40	\$ 537,938	\$	174,563	\$ 712,500
Godfrey Avenue	Liberty Street to Oxford Street	Asphalt reconstruction	City of GR	0.50	\$ 358,625	\$	116,375	\$ 475,000
Godfrey Avenue	Oxford Street to Market Avenue	Asphalt Reconstruction	City of GR	0.52	\$ 358,625	\$	116,375	\$ 475,000
Hall Street	Colorado Avenue to Sylvan Avenue	Asphalt Reconstruction	City of GR	0.20	\$ 377,500	\$	122,500	\$ 500,000

# Draft FY2020-2023 TIP Projects

Item V: Attachment A

Lake Eastbrook Boulevard	East Beltline to 28th Street	Asphalt reconstruction	City of GR	0.80	\$ 594,563	\$ 192,938	\$ 787,500
Madison Avenue	Alger Street to Burton Street	Milling & Asphalt Overlay (1 1/2 inches)	City of GR	0.50	\$ 254,813	\$ 82,688	\$ 337,500
Valley Avenue	4th Street to Walker Avenue	Asphalt reconstruction	City of GR	0.52	\$ 481,313	\$ 156,188	\$ 637,500
Planning Studies	Areawide	Planning Studies	GVMC	0	\$ 141,563	\$ 45,938	\$ 187,500
84th Street	Breton to Hanna Lake	Allseason	KCRC	1.00	\$ 981,500	\$ 318,500	\$ 1,300,000
68th Street	Hanna Lake to Kraft	Mill and Fill	KCRC	3.00	\$ 849,375	\$ 275,625	\$ 1,125,000
Whitneyville Avenue	I-96 to Cascade	Crush & Shape	KCRC	0.50	\$ 188,750	\$ 61,250	\$ 250,000
48th Avenue	Bauer Road to Pierce Street	Resurface 30 foot width	OCRC	2.5 miles	\$ 839,938	\$ 272,563	\$ 1,112,500
8th Avenue	Jackson Street to Port Sheldon Street	Resurface 42 foot width	OCRC	2.3 miles	\$ 694,600	\$ 225,400	\$ 920,000
Kinney Ave	Three Mile to Waldorf	Add missing C&G, sidewalk, drainage, all weather	Walker	0.510	\$ 755,000	\$ 245,000	\$ 1,000,000
Kinsey Street	Main Street to Maple Street	Reconstruct with sidewalk	Village of Caledonia	0.40	\$ 283,125	\$ 91,875	\$ 375,000
Van Buren	36th Ave to W CL	Mill full depth and resurface	Hudsonville	2,600'	\$ 296,715	\$ 96,285	\$ 393,000
Wilson Aveue	Rivertown Pkway to SCL	Mill and Fill	Grandville	0.50	\$ 218,950	\$ 71,050	\$ 290,000.00
<b>Totals</b>					<b>\$9,100,015</b>	<b>\$ 2,952,985</b>	<b>\$12,053,000</b>

## FY2021 Highway Infrastructure Program

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Franklin	Division to ECL	Mill and Fill	City of GR		\$ 672,630	\$ -	\$ 997,370	\$ 1,670,000
<b>Totals</b>					<b>\$ 672,630</b>	<b>\$ -</b>	<b>\$ 997,370</b>	<b>\$ 1,670,000</b>

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**FY2021 STP-Flex**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
13 Mile Road	Edgerton to Grange	Crush & Shape	KCRC	2.50	\$ 770,000	\$	230,000	\$ 1,000,000
7 Mile Road	Alpine to Pine Island	Crush & Shape	KCRC	1.75	\$ 462,000	\$	138,000	\$ 600,000
<b>Totals</b>					<b>\$1,232,000</b>		<b>\$ 368,000</b>	

**FY2021 NHPP**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Division Avenue	76th Street to 68th Street	Mill and Fill	KCRC	1.00	\$ 717,000	\$	183,000	\$ 900,000
<b>Totals</b>					<b>\$ 717,000</b>	<b>\$ -</b>	<b>\$ 183,000</b>	<b>\$ 900,000</b>

**FY2021 EDF-C**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
32nd Street	Breton Ave to Shaffer Ave	Add CTL and Reconstruct	Kentwood	1.00		\$ 1,200,000	\$ 1,400,000	\$ 2,600,000
Wilson Avenue	South City Limit to North City Limit	Wilson Avenue Resurfacing	Wyoming	1.5		\$ 984,000	\$ 246,000	\$ 1,230,000
<b>Totals</b>						<b>\$ 2,184,000</b>	<b>\$ 1,646,000</b>	<b>\$ 3,830,000</b>



## Draft FY2020-2023 TIP Projects

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**FY2021 CMAQ Local**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL		STATE		LOCAL		TOTAL	
Replacement 40' Buses/CNG	Areawide	Replacement 40' Buses/CNG	ITP	0	\$	240,000	\$	60,000		\$	300,000	
Rideshare	Areawide	Rideshare	ITP	0	\$	206,207	\$	-		\$	206,207	
Replacement VanPool Vans	Areawide	Replacement VanPool Vans	ITP	0	\$	100,000	\$	25,000		\$	125,000	
Clean Air Action Days	Areawide	Clean Air Action Days	ITP	0	\$	60,000	\$	15,000		\$	75,000	
Clean Air Action Program	Areawide	Clean Air Action Program	Grand Valley Metropolitan Council	0.001	\$	80,000	\$	-	\$	20,000	\$	100,000
Shaffer Ave at 36th Street	Shaffer/36th Intersection	Install Traffic Signal	Kentwood	0.100	\$	160,000			\$	40,000	\$	200,000
Market Ave	various locations	Signal detection install/upgrades var locations	Grand Rapids	0.001	\$	160,000	\$	-	\$	40,000	\$	200,000
Market Ave	Various	Signal optimization @ up to 120 Fed aid locations	Grand Rapids	0.001	\$	240,000	\$	-	\$	60,000	\$	300,000
Totals						\$1,246,207	\$	100,000	\$	160,000	\$	1,506,207

**FY2021 CMAQ MDOT**

I 96 EB	At M-21	I-96 EB Weave-Merge lane and add M-21 EB On Ramp	MDOT	0.001	\$	1,649,278	\$	365,722	\$	-	\$ 2,015,000
<b>Totals</b>						<b>\$1,649,278</b>	<b>\$</b>	<b>365,722</b>	<b>\$</b>	<b>-</b>	<b>\$ 2,015,000</b>

**ITS Set-Aside**

ITS Applications	regionwide	2021 WMTOC Control Room Operations	MDOT	0.00	\$	331,493	\$	478,508		\$	810,000
ITS Applications	regionwide	2021 ITS maintenance & operations in Grand Region	MDOT	0.00	\$	403,111	\$	581,889		\$	985,000
Market Ave	Areawide	Regional Signal System TMS Operations	Grand Rapids	0.001	\$	264,000	\$	-	\$	396,000	\$ 660,000
<b>Totals</b>						<b>\$ 998,604</b>	<b>\$</b>	<b>1,060,396</b>	<b>\$</b>	<b>396,000</b>	<b>\$ 2,455,000</b>

**FY2022 STP-Urban**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
29th Street	Breton Avenue to ECL	Milling and two course asphalt resurfacing	City of GR	0.48	\$ 243,750	\$	81,250	\$ 325,000
Butterworth Avenue	O'Brien Road to Marion Avenue	Milling and two course asphalt resurfacing	City of GR	0.69	\$ 234,375	\$	78,125	\$ 312,500
College Avenue	Leonard Street to Sweet Street	Asphalt reconstruction includes water main replacement	City of GR	0.50	\$ 726,563	\$	242,188	\$ 968,750
Collindale Avenue	Lake Michigan Drive to Leonard Street	Milling and two course asphalt resurfacing	City of GR	1.00	\$ 328,125	\$	109,375	\$ 437,500
Division Avenue	Fountain Street to Michigan Street	Milling and two course asphalt resurfacing	City of GR	0.35	\$ 187,500	\$	62,500	\$ 250,000
Division Avenue	Quigley Street to Cottage Grove Street	Milling and two course asphalt resurfacing	City of GR	0.50	\$ 187,500	\$	62,500	\$ 250,000
Eastern Avenue	36th Street to 28th Street	Rehab/Reconstruct	City of GR/Wyoming	1.00	\$ 914,063	\$	304,688	\$ 1,218,750
Eastern Avenue	400' North of 44th Street to 36th Street	Milling and two course asphalt resurfacing	City of GR/Wyoming	0.92	\$ 900,000	\$	300,000	\$ 1,200,000
36th St	Burlingame Ave to Clyde Park Ave	36th Street Resurfacing, Burlingame to CP	Wyoming	1	\$ 562,500	\$	187,500	\$ 750,000
Planning Studies	Areawide	Planning Studies	GVMC	0.00	\$ 140,625	\$	46,875	\$ 187,500
84th Street	Hanna Lake to East Paris	AllSeason	KCRC	1.00	\$ 975,000	\$	325,000	\$ 1,300,000
13 Mile Road	Sparta Village line to Grange	Crush & Shape	KCRC	3.25	\$ 900,000	\$	300,000	\$ 1,200,000
6 Mile Road	Alpine to Pine Island	Crush & Shape	KCRC	1.75	\$ 750,000	\$	250,000	\$ 1,000,000
Fillmore Street & Cottonwood Drive	48th Avenue to Taylor Street	Resurface 34 foot width	OCRC	4.4 miles	\$ 1,300,000	\$	658,000	\$ 1,958,000
East Paris Ave	28th Street to 36th Street	3.5" Mill & Resurf. w/ Stm Rprs, Conc. 28th to 29th, Add NB RT at 28th.	Kentwood	1.00	\$ 937,500	\$	312,500	\$ 1,250,000
<b>Totals</b>					<b>\$9,287,500</b>	<b>\$ -</b>	<b>\$ 3,320,500</b>	<b>\$12,608,000</b>

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**FY2022 STP-Flex**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Franklin	Division to ECL	Mill and Fill	GR		\$ 477,370		\$	477,370
4 Mile Road	Coit to Plainfield	Mill & Fill	KCRC	1.00	\$ 450,000	\$	150,000	\$ 600,000
Chicago Drive	Wilson to ECL	Mill and Fill	Grandville		\$ 334,630	\$	132,370	\$ 467,000
<b>Totals</b>					<b>\$1,262,000</b>	<b>\$ -</b>	<b>\$ 282,370</b>	<b>\$ 1,544,370</b>

**FY2022 NHPP**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Kalamazoo Avenue	68th to 60th	Mill & Fill	KCRC	1.00	\$ 731,000	\$	182,750	\$ 913,750
<b>Totals</b>					<b>\$ 731,000</b>	<b>\$ -</b>	<b>\$ 182,750</b>	<b>\$ 913,750</b>

**FY2022 EDF-C**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
68th Street	Plaster Creek to Hanna Lake Ave	Widen from 4 to 5 Lanes	KCRC	0.75		\$ 1,200,000	\$ 300,000	\$ 1,500,000
Cascade Rd	36th to Withyneyville Ave	Widen to 3 Lanes	KCRC	0.80		\$ 1,120,000	\$ 280,000	\$ 1,400,000
<b>Totals</b>					<b>\$ -</b>	<b>\$ 2,320,000</b>	<b>\$ 580,000</b>	<b>0</b>

Draft FY2020-2023 TIP Projects

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**FY2022 CMAQ Local**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL		STATE		LOCAL		TOTAL	
Replacement 40' Buses/CNG	Areawide	Replacement 40' Buses/CNG	ITP	0	\$	240,000	\$	60,000		\$	300,000	
Rideshare	Areawide	Rideshare	ITP	0	\$	150,000	\$	-		\$	150,000	
Replacement VanPool Vans	Areawide	Replacement VanPool Vans	ITP	0	\$	100,000	\$	25,000		\$	125,000	
Clean Air Action Days	Areawide	Clean Air Action Days	ITP	0	\$	80,000	\$	20,000		\$	100,000	
Clean Air Action Program	Areawide	Clean Air Action Program	GVMC	0.001	\$	80,000	\$	-	\$	20,000	\$	100,000
East Paris Ave at 28th Street	East Paris/28th Intersection	Right turn lane at SE quad	Kentwood	0.1	\$	128,000			\$	32,000	\$	160,000
Market Ave	various locations	Signal detection install/upgrades var locations	Grand Rapids	0.001	\$	160,000	\$	-	\$	40,000	\$	200,000
Market Ave	Various	Signal optimization @ up to 120 Fed aid locations	Grand Rapids	0.001	\$	240,000	\$	-	\$	60,000	\$	300,000
Totals						\$1,178,000	\$	105,000	\$	152,000	\$	1,435,000

**FY2022 CMAQ MDOT**

I-196 (WB)	M-11 East 0.74 Miles	Extend Off Ramp	MDOT	0.733	\$	2,250,875	\$	499,125		\$	2,750,000
<b>Totals</b>						<b>\$2,250,875</b>	<b>\$</b>	<b>499,125</b>	<b>\$</b>	<b>-</b>	<b>\$ 2,750,000</b>
<b>ITS Set-Aside</b>											
ITS Applications	regionwide	2022 WMTOC Control Room Operations	MDOT	0.00	\$	347,863	\$	502,138		\$	850,000
ITS Applications	regionwide	2022 ITS maintenance & operations in Grand Region	MDOT	0.00	\$	409,250	\$	590,750		\$	1,000,000
Market Ave	Areawide	Regional Signal System TMS Operations	Grand Rapids	0.001	\$	264,000	\$	-	\$	396,000	\$ 660,000
<b>Total</b>						<b>\$1,021,113</b>	<b>\$</b>	<b>1,092,888</b>	<b>\$</b>	<b>396,000</b>	<b>\$ 2,510,000</b>

**FY2023 STP-Urban**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Main Street	Oak to 18 Mile and Church to Oak	Rotomill and resurface	Cedar Springs	0.73	\$ 381,824	\$	101,926	\$ 483,750
Ball Avenue	Leonard Street to Knapp Street	Road Capital Preventive Maintenance - Milling & Asphalt Overlay (1 1/2 inches)	City of GR	1.00	\$ 429,182	\$	114,568	\$ 543,750
Ball Avenue	Michigan Street to Plymouth Avenue	Milling and two course asphalt resurfacing	City of GR	0.54	\$ 276,255	\$	73,745	\$ 350,000
Fuller Avenue	Knapp Street to 3 Mile Road	Road Capital Preventive Maintenance - Milling & Asphalt Overlay (1 1/2 inches)	City of GR	1.00	\$ 429,182	\$	114,568	\$ 543,750
Fuller Avenue	Ramona Street to Adams Street	Asphalt reconstruct includes water main replacement	City of GR	1.00	\$ 345,319	\$	92,181	\$ 437,500
Ottawa Avenue	Fairbanks Street to Mason Street and Walbridge Street to Monroe Avenue	Asphalt reconstruct includes sewer separation	City of GR	0.44	\$ 715,303	\$	190,947	\$ 906,250
Turner Avenue	6th Street to US131 SB On Ramp and US131 SB Off Ramp to Richmond Street	Road Capital Preventive Maintenance - Milling & Asphalt Overlay (1 1/2 inches)	City of GR	0.81	\$ 345,319	\$	92,181	\$ 437,500
Wealthy Street	Ethel Avenue to ECL	Concrete (and Brick) Road Reconstruction	City of GR	0.13	\$ 789,300	\$	210,700	\$ 1,000,000
Planning Studies	Areawide	Planning Studies	GVMC	0.00	\$ 118,395	\$	31,605	\$ 150,000
84th Street	East Paris to Patterson	Allseason	KCRC	1.00	\$ 1,065,555	\$	284,445	\$ 1,350,000
18th Avenue & 20th Avenue	Chicago Drive to Bauer Road	Resurface 30 foot width	OCRC	2.3 miles	\$ 769,568	\$	205,433	\$ 975,000
Riley Street	32nd Avenue to 24th Avenue	Resurface + 3 foot paved shoulders	OCRC	1.0 mile	\$ 374,918	\$	100,083	\$ 475,000
52nd Street	Kalamazoo Ave to Breton Ave	3.5" Mill & Resurface	Kentwood	1.50	\$ 1,460,205	\$	389,795	\$ 1,850,000
Gezon Parkway	Clyde Park Ave to Byron Center Ave	Gezon Pkwy Resurfacing, CP to BC	Wyoming	2.30	\$ 98,663	\$	26,338	\$ 125,000

**Draft FY2020-2023 TIP Projects**

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54th St	Clyde Park Ave to Division Ave	54th St, Clyde Park Ave to Division Ave	Wyoming	1.00	\$ 442,008	\$ 117,992	\$ 560,000
Alpine Avenue	Ann Street to Hillside Drive	Mill and Replace Top Surface	Walker	2700'	\$ 631,440	\$ 168,560	\$ 800,000
Robinson Road	Youell Avenue to Plymouth Avenue	Reconstruct/Preventative Maintenance	City of GR	0.41	\$ 345,319	\$ 92,181	\$ 437,500
Buttrick Avenue	Thornapple River to Grand River	Crush & Shape	KCRC	0.75	\$ 236,790	\$ 63,210	\$ 300,000
Ivanrest	Prairie to 28th Street	Mill and Fill	Grandville	0.50	\$ 221,004	\$ 58,996	\$ 280,000
<b>Totals</b>					<b>\$9,475,547</b>	<b>\$ -</b>	<b>\$ 2,529,454</b>

**FY2023 STP-Flex**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Gezon Parkway	Clyde Park Ave to Byron Center Ave	Gezon Pkwy Resurfacing, CP to BC	Wyoming	2.30	\$ 1,280,000	\$ 320,000	\$ 1,600,000	
Totals					\$1,280,000	\$ 320,000	\$ 1,600,000	

**FY2023 NHPP**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
54th St	Clyde Park Ave to Division Ave	54th St, Clyde Park Ave to Division Ave	Wyoming	1.00	\$ 746,000	\$ 204,000	\$ 950,000	
Totals					\$ 746,000	\$ 204,000	\$ 950,000	

**FY2023 EDF-C**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL				
Northland Drive	12 Mile Rd to 13 Mile Rd	Mill and Fill	KCRC	1.00	\$	720,000	\$	180,000	\$	900,000		
Northland Drive	13 Mile Rd to M-57 (14 Mile Rd)	Mill and Fill	KCRC	1.25	\$	936,614	\$	240,000	\$	1,176,614		
									\$	-		
Totals					\$	-	\$	1,656,614	\$	420,000	\$	2,076,614

**FY2023 CMAQ Local**

PROJECT	LIMITS	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	STATE	LOCAL	TOTAL
Replacement 40' Buses/CNG	Areawide	Replacement 40' Buses/CNG	ITP	0	\$ 240,000	\$ 60,000	\$	300,000
Rideshare	Areawide	Rideshare	ITP	0	\$ 186,207	\$ -	\$	186,207
Replacement VanPool Vans	Areawide	Replacement VanPool Vans	ITP	0	\$ 100,000	\$ 25,000	\$	125,000
Clean Air Action Days	Areawide	Clean Air Action Days	ITP	0	\$ 80,000	\$ 20,000	\$	100,000
Clean Air Action Program	Areawide	Clean Air Action Program	Grand Valley Metropolitan Council	0.001	\$ 80,000	\$ -	\$ 20,000	\$ 100,000
Market Ave	various locations	Signal detection install/upgrades var locations	Grand Rapids	0.001	\$ 160,000	\$ -	\$ 40,000	\$ 200,000
Market Ave	Various	Signal optimization @ up to 120 Fed aid locations	Grand Rapids	0.001	\$ 240,000	\$ -	\$ 60,000	\$ 300,000
32nd Ave	200' s of New Holland St to 500' n of New Holland St	Add northbound left turn lane	Hudsonville	750'	\$ 160,000	\$	40,000	\$ 200,000
<b>Totals</b>					<b>\$1,246,207</b>	<b>\$ 105,000</b>	<b>\$ 120,000</b>	<b>\$ 1,311,207</b>
<b>ITS Set-Aside</b>								
ITS Applications	Regionwide	2023 WMTOC Control Room Operations	MDOT	0.00	\$ 368,325	\$ 531,675	\$	900,000
ITS Applications	Regionwide	2023 ITS maintenance and operations in Grand Region	MDOT	0.00	\$ 450,175	\$ 649,825	\$	1,100,000
Market Ave	Areawide	Regional Signal System TMS Operations	Grand Rapids	0.001	\$ 264,000	\$ -	\$ 396,000	\$ 660,000
<b>Totals</b>					<b>\$1,082,500</b>	<b>\$ 1,181,500</b>	<b>\$ 396,000</b>	<b>\$ 2,660,000</b>

## FY 2020-2023 Rural STP Candidate Projects

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**FY2020 STP-Rural**

PROJECT	LIMITS	WORK TYPE	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	LOCAL	TOTAL
Fruit Ridge Ave	6 Mile Rd to 10 Mile Rd	Resurface	Full Depth Resurface	KCRC	4.00	\$ 877,000	\$ 323,000	\$ 1,200,000
<b>TOTAL</b>						<b>\$877,000</b>	<b>\$323,000</b>	<b>\$1,200,000</b>

**FY2021 STP-Rural**

PROJECT	LIMITS	WORK TYPE	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	LOCAL	TOTAL
100th St	Kalamazoo Ave to East 1 Mile	Reconstruct	Allseason	KCRC	1.00	\$ 895,000	\$ 305,000	\$ 1,200,000
<b>TOTAL</b>						<b>\$895,000</b>	<b>\$305,000</b>	<b>\$1,200,000</b>

**FY2022 STP-Rural**

PROJECT	LIMITS	WORK TYPE	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	LOCAL	TOTAL
100th St	1 Mi East of Kalamazoo to Hanna Lake	Reconstruct	Allseason	KCRC	1.00	\$ 913,000	\$ 337,000	\$ 1,250,000
<b>TOTAL</b>						<b>\$913,000</b>	<b>\$337,000</b>	<b>\$1,250,000</b>

**FY2023 STP-Rural**

PROJECT	LIMITS	WORK TYPE	PROJECT DESCRIPTION	JURISDICTION	LENGTH	FEDERAL	LOCAL	TOTAL
100th St	Hannah Lake to East Paris Ave	Reconstruct	Allseason	KCRC	1.00	\$ 931,000	\$ 319,000	\$ 1,250,000
<b>TOTAL</b>						<b>\$931,000</b>	<b>\$319,000</b>	<b>\$1,250,000</b>



# Illustrative Candidate Projects for FY2020-2023 TIP

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## 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	Lincoln Avenue to Lane Avenue	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
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

## Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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
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

## Illustrative Candidate Projects for FY2020-2023 TIP

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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
Monroe Avenue	Newberry/6th Street to Ottawa Avenue/Coldbrook Street	Rotomill/resurface	City of GR	0.39	\$190,000	\$47,500	\$237,500

# Illustrative Candidate Projects for FY2020-2023 TIP

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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
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

# Illustrative Candidate Projects for FY2020-2023 TIP

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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	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
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

## Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

40th Ave	Chicago Dr to Grant St	Mill full depth and resurface	Hudsonville	2,100'				\$304,000
40th Ave	Grant St to Van Buren St	Mill full depth and resurface	Hudsonville	1,800'				\$271,000
40th Ave	Van Buren St to N city limits	Mill full depth and resurface	Hudsonville	1,600'				\$252,000
40th Ave	New Holland St to Chicago Dr	Mill full depth and resurface	Hudsonville	1,150'				\$136,000
Balsam Dr	Chicago Dr to N city limits	Mill full depth and resurface. 4,000' is 4 lanes and 1,800' is 3 lanes	Hudsonville	4,000'				\$822,000
Burlingame	28th St to Burton	Burlingame Ave Resurfacing, 28th St to Burton	Wyoming	1.00	\$640,000	\$160,000		\$800,000
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

# Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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	320000	80000	400000
Kenowa Ave	South City Limit to North City Limit	Kenowa Ave Resurfacing	Wyoming	1.50	640000	160000	800000
Madison	32nd St to 28th St	Madision Ave, 32nd St to 28th St	Wyoming	0.5	320000	80000	400000
Buchanan Ave	Alger to 28th St	Buchanan Ave, Alger to 28th St	Wyoming	0.5	320000	80000	400000
Burton St	Burlingame to Clyde Park	Burton St, Burlingame to Clyde Park	Wyoming	1	640000	160000	800000
32nd St	Michael to US-131	32nd St, Michael to US-131	Wyoming	1	640000	160000	800000
36th St	Clyde Park Ave to Division Ave	36th St, Clyde Park Ave to Division Ave	Wyoming	1	\$640,000	\$160,000	\$800,000
36th St	Division Ave to East City Limit	36th St, Division Ave to East City Limit	Wyoming	1	\$640,000	\$160,000	\$800,000
Ivanrest Avenue	South City Limit to North City Limit	Ivanrest Avenue Resurfacing	Wyoming	1.5	\$560,000	\$140,000	\$700,000
48th Street	Division Ave to Marlette Ave	Add CTL and Reconstruct	Kentwood	0.38	\$ 788,500	\$ 211,500	\$ 1,000,000
Burlingame	36th St to 28th St	Burlingame Ave Resurfacing, 36th St to 28th St	Wyoming	1	\$ 679,500	\$ 220,500	\$ 900,000
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

**Date:** 10/31/2018

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

### Trunkline Bridge





S/TIP TOTAL PROPOSED COMMITMENTS - STANDARD REPORT

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

Date: 10/31/2018

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Fiscal Year	Job Type	JobNet ID	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Advance Construct Year	Phase	S/TIP Status	S/TIP Cycle	Fed Authorized Amount	Total Authorized Amount	Fed Estimated Amount	Total Estimated Amount	Cost To Date	Fund Source	MPO/Rural Approval Date	FHWA Approval Date	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	Federal Amendment Type	Comments		
2020	Trunkline	109866	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196	I-196 EB over M-45 WB ramp	0.000	Bridge Rehabilitation	Shallow ovrlly, beam rprs		CON	AP	17-20	P	\$0	\$0	\$1,530,000	\$1,700,000	\$0	IM	11/13/2015	11/13/2015	01/10/2020		03/06/2020		GPA over 24%		
2020	Trunkline	115798	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196 EB	I-196 EB over M-45	0.000	Bridge Rehabilitation	Shallow ovrlly, substr repr		CON	AP	17-20	P	\$0	\$0	\$1,530,000	\$1,700,000	\$0	IM	11/13/2015	06/26/2018	01/10/2020		03/06/2020		GPA over 24%		
2020	Trunkline	127779	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-196 EB	over 32nd Avenue	0.000	Bridge CPM	Deck patch, epoxy overlay		CON	AP	17-20	A	\$0	\$0	\$224,777	\$249,752	\$0	IM	10/07/2016	10/07/2016	11/29/2019		01/10/2020		GPA over 24%		
2022	Trunkline	201253	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Burton Street over I-96	0.000	Bridge Rehabilitation	Deep overlay		CON	AP	20-23	P	\$0	\$0	\$990,504	\$1,100,560	\$0	BOI			10/08/2021		12/03/2021		GPA over 24%		
2023	Trunkline	201305	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay		CON	AP	20-23	P	\$0	\$0	\$1,337,063	\$1,485,626	\$0	IM			10/07/2022		12/02/2022		GPA over 24%, Phase Added		
2022	Trunkline	201312	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131 SB	US-131 SB Over The Grand River & Fulton Street	0.000	Bridge Rehabilitation	Railing Replacement		CON	AP	20-23	P	\$0	\$0	\$439,309	\$536,725	\$0	NH			10/08/2021		12/03/2021		GPA over 24%		
GPA Type Subtotals:		Trunkline Bridge														\$0	\$0	\$6,051,653	\$6,772,663	\$0										
Trunkline Road																														
2020	Trunkline	200144	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Grand Region	0.000	Road Capital Preventive Maintenance	Overband Crack Fill (FPVS)		CON	AP	17-20	A	\$0	\$0	\$388,788	\$475,000	\$0	NH			01/10/2020		03/06/2020				
2020	Trunkline	200585	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-11	Church Street east to US-131	4.203	Road Rehabilitation	Two Course Asphalt Resurfacing		PE	AP	17-20	P	\$0	\$0	\$134,234	\$164,000	\$0	NH	09/19/2018		10/18/2019		03/04/2022		Phase Added		
2022	Trunkline	200585	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-11	Church Street east to US-131	4.203	Road Rehabilitation	Two Course Asphalt Resurfacing		CON	AP	20-23	P	\$0	\$0	\$3,274,000	\$4,000,000	\$0	NH			01/07/2022		03/04/2022		GPA over 24%, Phase Added		
2023	Trunkline	200816	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Cascade Road east to M-11	3.025	Road Rehabilitation	Two Course Asphalt Resurfacing		CON	AP	20-23	P	\$0	\$0	\$4,230,000	\$4,700,000	\$0	IM			01/06/2023		03/03/2023		GPA over 24%, Phase Added		
GPA Type Subtotals:		Trunkline Road														\$0	\$0	\$8,027,022	\$9,339,000	\$0										
Trunkline Traffic Operations And Safety																														
2020	Trunkline	123324	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96 WB	At M-21	0.001	Major Widening	I-96 WB Weave-Merge lane and add M-21 WB off ramp		CON	AP	17-20	A	\$0	\$0	\$1,526,503	\$1,865,000	\$0	CM	07/11/2018	07/11/2018	01/01/2020		02/07/2020		GPA over 24%, Phase Added		
2020	Trunkline	128369	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2020 WMTOC Control Room Operations		EPE	AP	17-20	A			\$662,985	\$810,000		CM	07/11/2018	07/11/2018	10/01/2019				GPA over 24%, Phase Added		
2021	Trunkline	132517	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2021 WMTOC Control Room Operations		EPE	AP	20-23	P			\$662,985	\$810,000		CM			10/09/2020				GPA over 24%, Phase Added		
2021	Trunkline	132521	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	various locations in Grand Region	0.000	ITS Applications	2021 ITS maintenance & operations in Grand Region		EPE	AP	20-23	P			\$806,223	\$985,000		CM			10/09/2020				GPA over 24%, Phase Added		
2023	Trunkline	201531	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	2023 WMTOC Control Room Operations		OPS	AP	20-23	P			\$736,650	\$900,000		CM			10/03/2022				GPA over 24%, Phase Added		
2023	Trunkline	201535	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	2023 ITS maintenance and operations in Grand Region		OPS	AP	20-23	P			\$900,350	\$1,100,000		CM			10/03/2022				GPA over 24%, Phase Added		
2021	Trunkline	201942	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	US-131 NB and SB	4.104	Traffic Safety	Queue management system		PE	AP	20-23	P	\$0	\$0	\$203,400	\$226,000	\$0	HSIP			10/01/2020		02/03/2023		GPA over 24%, Phase Added		
2023	Trunkline	201942	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	US-131 NB and SB	4.104	Traffic Safety	Queue management system		CON	AP	20-23	P	\$0	\$0	\$1,195,203	\$1,328,003	\$0	HSIP			12/09/2022		02/03/2023		GPA over 24%, Phase Added		
2022	Trunkline	201969	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide freeways	0.000	Traffic Safety	Freeway Enhanced Delineation		PE	AP	20-23	P	\$0	\$0	\$44,751	\$49,723	\$0	HSIP			10/01/2021		01/06/2023		GPA over 24%, Phase Added		
2023	Trunkline	201969	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	Regionwide	Regionwide freeways	0.000	Traffic Safety	Freeway Enhanced Delineation		CON	AP	20-23	P	\$0	\$0	\$492,256	\$546,951	\$0	HSIP			11/10/2022		01/06/2023		GPA over 24%, Phase Added		
2021	Trunkline	204695	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	US-131 from North Park St. to 10 Mile Rd.	7.878	ITS Applications	ITS devices and infrastructure		CON	AP	20-23	P	\$0	\$0	\$2,439,348	\$2,980,266	\$0	NH			12/11/2020		02/05/2021		GPA over 24%		
2023	Trunkline	204758	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-6	Grand Rapids/South Beltline W	0.000	Roadside Facilities - Preserve	Cold milling and one course asphalt overlay.		CON	AP	20-23	P	\$0	\$0	\$65,481	\$80,000	\$0	ST			11/07/2022		01/06/2023		GPA over 24%		
GPA Type Subtotals:		Trunkline Traffic Operations And Safety														\$0	\$0	\$9,736,135	\$11,680,943	\$0										
Grand Total:																\$0	\$0	\$98,796,333	\$134,631,025	\$0										

Total Jobs Reported: 43

Preferences: Report Format: Standard

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

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

**Finance System** Trunkline - ALL



S/TIP EXEMPT - REVERSIBLE JOBS

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

Date: 10/31/2018

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Fiscal Year	Job Type	JobNet ID	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Advance Construct Year	Phase	S/TIP Status	S/TIP Cycle	S/TIP Status	Fed Authorized Amount	Total Authorized Amount	Fed Estimated Amount	Total Estimated Amount	Cost To Date	Fund Source	Schedule Obligation Date	Actual Obligation Date	Schedule Let Date	Actual Let Date	Comments
2020	Trunkline	201255	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296 SB	I-96 EB connector to I-296 SB over West River Drive and CSX RR	0.000	Bridge Rehabilitation	Deep overlay with barrier replacement.		PE-S	AP	17-20	A	\$0	\$0	\$0	\$225,235	\$0	M	10/01/2019		01/07/2022		
2020	Trunkline	201255	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-296 SB	I-96 EB connector to I-296 SB over West River Drive and CSX RR	0.000	Bridge Rehabilitation	Deep overlay with barrier replacement.		PE	AP	17-20	A	\$0	\$0	\$0	\$48,317	\$0	M	10/01/2019		01/07/2022		
2020	Trunkline	204663	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	Kalamazoo Avenue to East Paris Avenue	3.480	Road Capital Preventive Maintenance	Concrete Joint Repairs & Asphalt Overlay		PE	AP	17-20	A	\$0	\$0	\$0	\$75,000	\$0	M	10/14/2019		12/04/2020		
2021	Trunkline	200816	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Cascade Road east to M-11	3.025	Road Rehabilitation	Two Course Asphalt Resurfacing		PE	AP	20-23	A	\$0	\$0	\$0	\$75,000	\$0	M	10/16/2020		03/03/2023		
2021	Trunkline	201305	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay		PE-S	AP	20-23	A	\$0	\$0	\$0	\$160,042	\$0	M	10/01/2020		12/02/2022		
2021	Trunkline	201305	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay		PE	AP	20-23	A	\$0	\$0	\$0	\$46,654	\$0	M	10/01/2020		12/02/2022		
2021	Trunkline	201324	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196BS E	3 Bridges on I-196 Ramp Corridor from I-196 to Chicago Drive	0.000	Bridge Rehabilitation	Deep Overlay		PE-S	AP	20-23	A	\$0	\$0	\$0	\$155,794	\$0	M	10/01/2020		12/02/2022		
2021	Trunkline	201324	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-196BS E	3 Bridges on I-196 Ramp Corridor from I-196 to Chicago Drive	0.000	Bridge Rehabilitation	Deep Overlay		PE	AP	20-23	A	\$0	\$0	\$0	\$72,289	\$0	M	10/01/2020		12/02/2022		
2021	Trunkline	204663	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	Kalamazoo Avenue to East Paris Avenue	3.480	Road Capital Preventive Maintenance	Concrete Joint Repairs & Asphalt Overlay		CON	AP	20-23	A	\$0	\$0	\$0	\$1,900,000	\$0	M	10/09/2020		12/04/2020		
2021	Trunkline	201133	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-196	Byron Road east to 32nd Avenue	6.674	Reconstruction	Reconstruction		PE	AP	20-23	A	\$0	\$0	\$0	\$1,800,000	\$0	M	10/16/2020		02/03/2023		
2021	Trunkline	204758	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	M-6	Grand Rapids/South Beltline W	0.000	Roadside Facilities - Preserve	Cold milling and one course asphalt overlay.		PE	AP	20-23	A	\$0	\$0	\$0	\$5,000	\$0	M	10/12/2020		01/06/2023		
2022	Trunkline	200112	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	M-6	East Branch Rush Creek east to Burlingame Avenue	2.831	Road Rehabilitation	Concrete Pavement Inlay		PE	AP	20-23	A	\$0	\$0	\$0	\$595,000	\$0	M	10/15/2021		12/01/2023		
2022	Trunkline	204378	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	over West River Drive	0.000	Bridge Rehabilitation	Deep Overlay		PE-S	AP	20-23	A	\$0	\$0	\$0	\$463,006	\$0	M	11/01/2021		12/01/2023		
2022	Trunkline	204378	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	US-131	over West River Drive	0.000	Bridge Rehabilitation	Deep Overlay		PE	AP	20-23	A	\$0	\$0	\$0	\$65,971	\$0	M	11/01/2021		12/01/2023		
2022	Trunkline	204412	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	under Segwun Ave SE, Lowell Township, Kent County	0.000	Bridge Rehabilitation	Shallow overlay and substructure repair.		PE-S	AP	20-23	A	\$0	\$0	\$0	\$90,505	\$0	M	10/04/2021		01/05/2024		
2022	Trunkline	204412	Grand Valley Metropolitan Council (GVMC)	Kent	MDOT	I-96	under Segwun Ave SE, Lowell Township, Kent County	0.000	Bridge Rehabilitation	Shallow overlay and substructure repair.		PE	AP	20-23	A	\$0	\$0	\$0	\$33,035	\$0	M	10/04/2021		01/05/2024		
2023	Trunkline	204773	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-196	at the 32nd Avenue Interchange	0.000	New Facilities	Construct new carpool lot.		ROW	AP	20-23	A	\$0	\$0	\$0	\$48,000	\$0	M	10/10/2022		11/01/2024		
2023	Trunkline	204773	Grand Valley Metropolitan Council (GVMC)	Ottawa	MDOT	I-196	at the 32nd Avenue Interchange	0.000	New Facilities	Construct new carpool lot.		PE	AP	20-23	A	\$0	\$0	\$0	\$20,000	\$0	M	10/10/2022		11/01/2024		
Grand Total:																\$0	\$0	\$0	\$5,878,848	\$0						

Total Job Phases Reported: 18

Preferences:

Report Format: Standard

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

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

County: ALL

Prosperity Region: ALL

MDOT Region: Grand

STIP Cycle: ALL

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

Job Type: Trunkline

Phase Type: ALL



S/TIP EXEMPT - REVERSIBLE JOBS

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

Date: 10/31/2018

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Fiscal Year	Job Type	JobNet ID	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Advance Construct Year	Phase	S/TIP Status	S/TIP Cycle	S/TIP Status	Fed Authorized Amount	Total Authorized Amount	Fed Estimated Amount	Total Estimated Amount	Cost To Date	Fund Source	Schedule Date	Obligation	Actual Obligation Date	Schedule Let Date	Actual Let Date	Comments
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Phase Status ALL  
(AP - Programmed, AC - Active, CP - Completed)

Amendment Type ALL  
Templates Trunkline - ALL  
Finance System Trunkline - ALL

**Candidate FY2020-2023 Transit Projects  
for ITP-The Rapid**

Item V: Attachment A

**FY 2020 Section 5307**

	<b>Federal</b>	<b>State</b>	<b>Total</b>
A&E	\$ 81,600	\$ 20,400	\$ 102,000
ADA Vehicle Equipment	\$ -	\$ -	\$ -
Associated Capital Maintenance	\$ 680,000	\$ 170,000	\$ 850,000
Bus Tire Lease	\$ 339,587	\$ 84,897	\$ 424,483
Capital Cost of Contracting	\$ 720,000	\$ 180,000	\$ 900,000
Computer Hardware	\$ 562,000	\$ 140,500	\$ 702,500
Computer Software	\$ 502,744	\$ 125,686	\$ 628,430
EAM Software	\$ 200,000	\$ 50,000	\$ 250,000
Facility Equipment	\$ 60,000	\$ 15,000	\$ 75,000
ITS/Fare Collection Equipment	\$ 382,035	\$ 95,509	\$ 477,544
Misc. Contingencies	\$ 81,600	\$ 20,400	\$ 102,000
Misc. Support Equipment	\$ 16,000	\$ 4,000	\$ 20,000
Office Furniture/ Equipment	\$ 40,800	\$ 10,200	\$ 51,000
Paratransit Replacement Buses	\$ 389,524	\$ 97,381	\$ 486,905
Passenger Shelters -New	\$ 8,160	\$ 2,040	\$ 10,200
Planning Funds	\$ 400,000	\$ 100,000	\$ 500,000
Preventive Maintenance	\$ 960,000	\$ 240,000	\$ 1,200,000
Rehab Admin/Maint Facility	\$ 1,309,998	\$ 327,500	\$ 1,637,498
Replacement 40' Buses	\$ 2,983,186	\$ 745,797	\$ 3,728,983
Service Vehicles	\$ 61,200	\$ 15,300	\$ 76,500
Shop Equipment	\$ 16,000	\$ 4,000	\$ 20,000
Surveillance/Security Equipment	\$ 139,830	\$ 34,957	\$ 174,787
Transit Enhancements	\$ 41,052	\$ 10,263	\$ 51,315
Expansion Vans/Replacement Vanpool			
Traffic Signal Priorization Upgrade Project	\$ 259,147	\$ 64,787	\$ 323,934
<b>Total</b>	<b>\$ 10,234,463</b>	<b>\$ 2,558,616</b>	<b>\$ 12,793,079</b>

**FY 2020 Section 5339 -Bus/Bus Facility**

Replacement 40' Buses	\$ 966,419	\$ 241,605	\$ 1,208,024
<b>Total</b>	<b>\$ 966,419</b>	<b>\$ 241,605</b>	<b>\$ 1,208,024</b>

**FY 2020 Specialized Service**

Specialized Service	\$ -	\$ 463,289	\$ 463,289
<b>Total</b>	<b>\$ -</b>	<b>\$ 463,289</b>	<b>\$ 463,289</b>

**Candidate FY2020-2023 Transit Projects  
for ITP-The Rapid**

Item V: Attachment A

**FY 2021 Section 5307**

	<b>Federal</b>	<b>State</b>	<b>Total</b>
A&E	\$ 83,232	\$ 20,808	\$ 104,040
ADA Vehicle Equipment	\$ -	\$ -	\$ -
Associated Capital Maintenance	\$ 680,000	\$ 170,000	\$ 850,000
Bus Tire Lease	\$ 346,378	\$ 86,595	\$ 432,973
Capital Cost of Contracting	\$ 720,000	\$ 180,000	\$ 900,000
Computer Hardware	\$ 562,000	\$ 140,500	\$ 702,500
Computer Software	\$ 504,759	\$ 126,190	\$ 630,949
EAM Software	\$ 200,000	\$ 50,000	\$ 250,000
Facility Equipment	\$ 60,000	\$ 15,000	\$ 75,000
ITS/Fare Collection Equipment	\$ 389,676	\$ 97,419	\$ 487,094
Misc. Contingencies	\$ 83,232	\$ 20,808	\$ 104,040
Misc. Support Equipment	\$ 16,000	\$ 4,000	\$ 20,000
Office Furniture/ Equipment	\$ 40,800	\$ 10,200	\$ 51,000
Paratransit Replacement Buses	\$ -	\$ -	\$ -
Passenger Shelters -New	\$ 8,323	\$ 2,081	\$ 10,404
Planning Funds	\$ 400,000	\$ 100,000	\$ 500,000
Preventive Maintenance	\$ 960,000	\$ 240,000	\$ 1,200,000
Rehab Admin/Maint Facility	\$ 844,386	\$ 211,096	\$ 1,055,482
Replacement 40' Buses	\$ 4,626,626	\$ 1,156,657	\$ 5,783,283
Service Vehicles	\$ 62,424	\$ 15,606	\$ 78,030
Shop Equipment	\$ 16,000	\$ 4,000	\$ 20,000
Surveillance/Security Equipment	\$ 142,626	\$ 35,657	\$ 178,283
Transit Enhancements	\$ 41,873	\$ 10,468	\$ 52,341
Expansion Vans/Replacement Vanpool			
Traffic Signal Priorization Upgrade Project	\$ 174,160	\$ 43,540	\$ 217,700
<b>Total</b>	<b>\$ 10,962,496</b>	<b>\$ 2,740,624</b>	<b>\$ 13,703,120</b>

**FY 2021 Section 5339 -Bus/Bus Facility**

Replacement 40' Buses	\$ 980,916	\$ 245,229	\$ 1,226,145
<b>Total</b>	<b>\$ 980,916</b>	<b>\$ 245,229</b>	<b>\$ 1,226,145</b>

**FY 2021 Specialized Service**

Specialized Service	\$ -	\$ 463,289	\$ 463,289
<b>Total</b>	<b>\$ -</b>	<b>\$ 463,289</b>	<b>\$ 463,289</b>

**Candidate FY2020-2023 Transit Projects  
for ITP-The Rapid**

Item V: Attachment A

**FY 2022 Section 5307**

	<b>Federal</b>	<b>State</b>	<b>Total</b>
A&E	\$ 84,897	\$ 21,224	\$ 106,121
ADA Vehicle Equipment	\$ -	\$ -	\$ -
Associated Capital Maintenance	\$ 680,000	\$ 170,000	\$ 850,000
Bus Tire Lease	\$ 353,306	\$ 88,326	\$ 441,632
Capital Cost of Contracting	\$ 720,000	\$ 180,000	\$ 900,000
Computer Hardware	\$ 562,000	\$ 140,500	\$ 702,500
Computer Software	\$ 506,814	\$ 126,704	\$ 633,518
EAM Software			
Facility Equipment	\$ 60,000	\$ 15,000	\$ 75,000
ITS/Fare Collection Equipment	\$ 397,469	\$ 99,367	\$ 496,836
Misc. Contingencies	\$ 84,897	\$ 21,224	\$ 106,121
Misc. Support Equipment	\$ 16,000	\$ 4,000	\$ 20,000
Office Furniture/ Equipment	\$ 40,800	\$ 10,200	\$ 51,000
Paratransit Replacement Buses	\$ 154,998	\$ 38,749	\$ 193,747
Passenger Shelters -New	\$ 8,490	\$ 2,122	\$ 10,612
Planning Funds	\$ 400,000	\$ 100,000	\$ 500,000
Preventive Maintenance	\$ 960,000	\$ 240,000	\$ 1,200,000
Rehab Admin/Maint Facility	\$ 1,853,393	\$ 463,348	\$ 2,316,741
Replacement 40' Buses	\$ 3,914,524	\$ 978,631	\$ 4,893,155
Service Vehicles	\$ 63,672	\$ 15,918	\$ 79,591
Shop Equipment	\$ 16,000	\$ 4,000	\$ 20,000
Surveillance/Security Equipment	\$ 145,479	\$ 36,370	\$ 181,848
Transit Enhancements	\$ 42,711	\$ 10,678	\$ 53,388
Expansion Vans/Replacement Vanpool	\$ 100,478	\$ 25,120	\$ 125,598
Traffic Signal Priorization Upgrade Project			
<b>Total</b>	<b>\$ 11,165,927</b>	<b>\$ 2,791,482</b>	<b>\$ 13,957,409</b>

**FY 2022 Section 5339 -Bus/Bus Facility**

Replacement 40' Buses	\$ 995,629	\$ 248,907	\$ 1,244,537
<b>Total</b>	<b>\$ 995,629</b>	<b>\$ 248,907</b>	<b>\$ 1,244,537</b>

**FY 2022 Specialized Service**

Specialized Service	\$ -	\$ 463,289	\$ 463,289
<b>Total</b>	<b>\$ -</b>	<b>\$ 463,289</b>	<b>\$ 463,289</b>

**Candidate FY2020-2023 Transit Projects  
for ITP-The Rapid**

Item V: Attachment A

**FY 2023 Section 5307**

	<b>Federal</b>	<b>State</b>	<b>Total</b>
A&E	\$ 86,595	\$ 21,649	\$ 108,243
ADA Vehicle Equipment	\$ -	\$ -	\$ -
Associated Capital Maintenance	\$ 680,000	\$ 170,000	\$ 850,000
Bus Tire Lease	\$ 360,372	\$ 90,093	\$ 450,465
Capital Cost of Contracting	\$ 720,000	\$ 180,000	\$ 900,000
Computer Hardware	\$ 562,000	\$ 140,500	\$ 702,500
Computer Software	\$ 508,910	\$ 127,228	\$ 636,138
EAM Software			
Facility Equipment	\$ 60,400	\$ 15,100	\$ 75,500
ITS/Fare Collection Equipment	\$ 405,418	\$ 101,355	\$ 506,773
Misc. Contingencies	\$ 86,595	\$ 21,649	\$ 108,243
Misc. Support Equipment	\$ 16,000	\$ 4,000	\$ 20,000
Office Furniture/ Equipment	\$ 49,810	\$ 12,452	\$ 62,262
Paratransit Replacement Buses	\$ 209,716	\$ 52,429	\$ 262,145
Passenger Shelters -New	\$ 8,659	\$ 2,165	\$ 10,824
Planning Funds	\$ 400,000	\$ 100,000	\$ 500,000
Preventive Maintenance	\$ 960,000	\$ 240,000	\$ 1,200,000
Rehab Admin/Maint Facility	\$ 1,587,265	\$ 396,816	\$ 1,984,081
Replacement 40' Buses	\$ 3,248,266	\$ 812,066	\$ 4,060,332
Service Vehicles	\$ 66,245	\$ 16,561	\$ 82,806
Shop Equipment	\$ 16,646	\$ 4,162	\$ 20,808
Surveillance/Security Equipment	\$ 148,388	\$ 37,097	\$ 185,485
Transit Enhancements	\$ 43,565	\$ 10,891	\$ 54,456
Expansion Vans/Replacement Vanpool	\$ 120,382	\$ 30,095	\$ 150,477
Traffic Signal Priorization Upgrade Project			
<b>Total</b>	<b>\$ 10,345,231</b>	<b>\$ 2,586,308</b>	<b>\$ 12,931,539</b>

**FY 2023 Section 5339 -Bus/Bus Facility**

Replacement 40' Buses	\$ 1,010,564	\$ 252,641	\$ 1,263,205
<b>Total</b>	<b>\$ 1,010,564</b>	<b>\$ 252,641</b>	<b>\$ 1,263,205</b>

**FY 2023 Specialized Service**

Specialized Service	\$ -	\$ 463,289	\$ 463,289
<b>Total</b>	<b>\$ -</b>	<b>\$ 463,289</b>	<b>\$ 463,289</b>





## GRAND VALLEY METROPOLITAN COUNCIL

ADA TOWNSHIP • ALGOMA TOWNSHIP • ALLENDALE TOWNSHIP • ALPINE TOWNSHIP • BELDING • BYRON TOWNSHIP • CALEDONIA • CALEDONIA TOWNSHIP • CANNON TOWNSHIP • CASCADE TOWNSHIP  
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### MEMORANDUM

**DATE:** January 2, 2019

**TO:** Technical Committee

**FROM:** George Yang, Senior Transportation Planner

**RE:** **Support of MDOT Safety Targets for Calendar Year 2019**

The Michigan Department of Transportation (MDOT) has established the 2019 traffic safety targets for five performance measures based on five-year rolling averages as shown in the table below. Also included in the table is GVMC's baseline condition based on the five-year rolling average from 2013-2017.

Michigan State Safety Targets for Calendar Year 2019

<b>Measure (5-year rolling average)</b>	<b>Baseline Condition (2013-2017)</b>	<b>2019 Targets (2015-2019)</b>	<b>GVMC Baseline Condition (2013-2017)</b>
Number of Fatalities	981.4	1023.2	89
Rate of Fatalities per 100 million VMT	1.00	1.02	1.09
Number of Serious Injuries	5,355.0	5,406.8	627
Rate of Serious Injury per 100 million VMT	5.47	5.41	7.11
Number of Non-Motorized (Pedestrians and Bicycle) Fatalities & Serious Injuries	743.6	759.8	65.6

MPOs are required to establish safety targets by either

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

MPOs are required to establish targets no later than 180 days after the state DOT established the state safety targets. MDOT has published its safety targets on August 31, 2018, and GVMC will therefore be required to decide on our MPO safety targets for calendar year 2019 no later than February 27, 2019.

Last year the Technical Committee and Policy Committee approved of supporting MDOT's state safety targets for calendar year 2018. GVMC's action of supporting the 2019 MDOT safety targets or establishing its own targets is needed by February 27<sup>th</sup>, 2019.

**Recommended Action:** Staff is requesting that the Technical Committee recommend support of the MDOT safety targets for all of the safety performance measures to the Policy Committee.

Please contact me with any comments or questions at (616) 776-7696.