



GRAND VALLEY METROPOLITAN COUNCIL

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POLICY COMMITTEE

Wednesday, January 16, 2019

9:30 AM

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

AGENDA

- I. ROLL CALL AND INTRODUCTIONS**
- II. APPROVAL OF MINUTES—ACTION: Dated Nov 21, 2018
Please refer to Item II: Attachment A**
- III. OPPORTUNITY FOR PUBLIC COMMENT**
- IV. FY2017-2020 TIP AMENDMENTS/MODIFICATIONS—ACTION: MDOT, Grand Rapids, and the KCRC 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
POLICY COMMITTEE
Wednesday, November 21, 2018
Kent County Road Commission
1500 Scribner NW, Grand Rapids, MI**

Schmalzel, chair of the Policy Committee, called the meeting to order at 9:35 am. Those present introduced themselves to the Committee.

I. ROLL CALL AND INTRODUCTIONS**Voting Members Present**Darrell Schmalzel, *Chair*

Terry Brod

Tim Grifhorst

Jim Holtrop

Tom Hooker

Andrew Johnson

Dennis Kent

*Proxy for
Mike Burns*

Ken Krombeen

Josh Naramore

Casey Ries

Terry Schweitzer

Cameron Van Wyngarden

Steve Warren

Mike Womack

City of Walker

Cannon Township

Tallmadge Township

City of Hudsonville

Byron Township

The Rapid

MDOT

City of Lowell

City of Grandville

City of Grand Rapids

GFIAA

City of Kentwood

Plainfield Township

KCRC

City of Cedar Springs

Staff and Non-Voting Guests Present

Mike Brameijer

Andrea Faber

Art Green

Abed Itani

Laurel Joseph

Eric Mullen

Kerri Smit

Rick Sprague

George Yang

GVMC

GVMC

MDOT

GVMC

GVMC

MDOT

GVMC

KCRC

GVMC

Voting Members Not Present

Gail Altman

Tim Bradshaw

Mike Burns

Dan Burrill

Jamie Davies

Eric DeLong

Michael DeVries

Robert DeWard

Jamestown Township

City of Kentwood

City of Lowell

City of Wyoming

City of Rockford

City of Grand Rapids

Grand Rapids Charter Township

Gaines Charter Township

David Dewey
Adam Elenbaas
Betty Gajewski
Kevin Green
George Haga
Jerry Hale
Bryan Harrison
Jim Holtvluwer
Doug LaFave
John Lanum
Brett Laughlin
Greg Madura
Betsy Melton
Jim Miedema
Tom Noreen
Rob Postema
Julius Suchy
Ben Swayze
Toby VanEss
Rod Weersing
Member awaiting appointment

Village of Sand Lake
Allendale Township
OCRC
Algoma Township
Ada Township
Lowell Township
Caledonia Charter Township
Ottawa County
City of East Grand Rapids
MDOT
OCRC
Alpine Township
Kent County Commissioner
OCRC
Nelson Township
City of Wyoming
Village of Sparta
Cascade Charter Township
Tallmadge Township
Georgetown Township
Courtland Township

II. **APPROVAL OF MINUTES**

Schmalzel entertained a motion to approve the September 19, 2018 Policy Committee minutes.

MOTION by Hooker, SUPPORT by Holtrop, to approve the September 19, 2018 Policy Committee meeting minutes. MOTION CARRIED UNANIMOUSLY.

III. **OPPORTUNITY FOR PUBLIC COMMENT**

None.

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

Referring to **Item IV: Attachment A**, Joseph went over the requests to amend the FY2017-2020 TIP. There were requests from MDOT, the City of Wyoming, the 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 commitments through the Michigan Grant System.

Kent delivered a presentation of the MDOT projects.

| FY | JN | Route | Location | Work Description | Phase | Total Cost Est. (\$000) | Change |
|----|-------|-------------------------|---|--|--------|--|---|
| 19 | 45790 | I-196 & I-96 | 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 | Const. | \$34,000 (Amendment to existing TIP project) | Cost Increase to include additional elements associated with the new ramps to M-44 and I-96 |

| | | | | | | | |
|----|---------------------|----------------|--------------------------------|--|--------|---|---|
| | | | | segments and ramps between Leonard Ave. and M-44/M-37 | | | connection |
| 19 | 45790 (or a new JN) | I-196EB | Fuller Avenue to I-96 Junction | Add 3 rd lane to connect Fuller Avenue with new EB M-44/M-37 off-ramp | Const. | \$4,800 pending approval of new funding | Add Project to TIP (Currently in the approved MTP) |

Green followed up with more detail and the upcoming schedule to include additional projects through FY2020.

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 FY2019. It will not affect funding on any other FY2019 TAP project. Kent County is also moving a project from FY2018 to FY2019.

Joseph added that the Kent County Road Commission is requesting to adjust the budgets of a couple of their FY2019 projects in order to utilize the funds for a project they are moving from 2018 to 2019. They are also adding a bridge project.

Joseph discussed the City of Grand Rapids request to switch the 7th Street project with the Hastings Street project and a couple technical corrections on the limits for their projects in FY2020.

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> |
|----------------------|------------------------------------|--------------------|---------------|----------------------|-----------------|---------------|
| <u>DELETE</u> | | | | | | |
| 7th Street | Collindale Avenue to Covell Avenue | Rotomill/resurface | 0.61 | \$447,450.00 | \$ 122,550.00 | \$ 570,000.00 |
| <u>ADD</u> | | | | | | |
| Hastings Street | Lafayette Avenue to College Avenue | Reconstruct | 0.251 | \$447,450.00 | 1,771,449.00 | 2,218,899.00 |

FY2020 STP-U (80%/20%)

| <u>PROJECT</u> | <u>PROJECT LIMITS</u> | <u>SCOPE</u> | <u>LENGTH</u> | <u>FEDERAL/STATE</u> | <u>NON- FED</u> | <u>TOTAL</u> |
|----------------------|--|--------------------|---------------|----------------------|-----------------|--------------|
| <u>MODIFY</u> | | | | | | |
| Lake Drive | Atlas Avenue to East City Limit | Rotomill/resurface | 0.273 | \$400,000.00 | 100,000.00 | 500,000.00 |
| Market Avenue | I-196 WB Ramp to 200'W of Plaster Creek And Coit Avenue to Wealthy Street | Rotomill/resurface | 1.330 | \$600,000.00 | 150,000.00 | 750,000.00 |

Joseph discussed that in preparation of the FY2020 Federal Transit Administration (FTA) grant application, The Rapid was requesting to amend FY2019 and FY2020 and 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**

| TIP Line | Project | Original Federal Budget | Amended Federal Request |
|-----------------|-------------------------------|--------------------------------|--------------------------------|
| 104 | A&E | 93,386 | 81,600 |
| 105 | Assoc Capital Maintenance | 817,597 | 680,000 |
| 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 | Project | Original Federal Budget | Amended Federal Request |
|-----------------|-------------------------|--------------------------------|--------------------------------|
| 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 | Project | Original Federal Budget | Amended Federal Request |
|-----------------|------------------|--------------------------------|--------------------------------|
| 129 | CNG Bus Facility | 1,416,722 | 0 |

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

| TIP Line | Project | Original Federal Budget | Amended Federal Request |
|----------|---------------------------------|-------------------------|-------------------------|
| 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

| TIP Line | Project | Original Federal Budget | Amended Federal Request |
|----------|-----------------------------|-------------------------|-------------------------|
| 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

| TIP Line | Project | Original Federal Budget | Amended Federal Request |
|-----------------|-----------------------|--------------------------------|--------------------------------|
| 102 | Replacement CNG Buses | 945,636 | 1,200,000 |

Johnson added details on the Rapid's request.

Joseph stated that the TAP projects listed below were approved as candidate projects to go through the MGS process. These projects have received their conditional commitments, so staff/member agencies are requesting to officially add the following to the TIP:

| 2019 | | | | | | | |
|----------------------|----------------------------------|--|----------------------|-------------------|--------------|----------------|---------------------------------------|
| Jurisdiction | Project Name | Project Scope | Facility Type | Cost Total | Local | Federal | Notes |
| 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 |
| 2020 | | | | | | | |
| Jurisdiction | Project Name | Project Scope | Facility Type | Cost Total | Local | Federal | Notes |
| 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 explained that there are pending projects coming out of JobNet mostly because of GPAs. In between the Technical Committee and Policy Committee, JobNet reset all of the GPAs thresholds. None of the project budgets are reset, just the budget for the general program account. All of the GPA thresholds will need to be approved again. Joseph pointed out the list with the GPAs in the back of the agenda packet.

MOTION by Naramore, SUPPORT by Schweitzer, to approve the FY2017-FY2020 TIP AMENDMENTS/MODIFICATIONS. MOTION CARRIED UNANIMOUSLY.

V. PUBLIC PARTICIPATION PLAN

A. PUBLIC COMMENT OPPORTUNITY FOR PUBLIC PARTICIPATION PLAN—

Faber stated that the Public Participation Plan concluded its required 45-day public comment period on November 7, 2018. All comments were included in the agenda packet

for consideration. The Technical Committee recommended approval. There was one final chance to comment on the Public Participation Plan at today's meeting.

MOTION by Naramore, SUPPORT by Womack, to open the public hearing to provide final comments on the Public Participation Plan. MOTION CARRIED UNANIMOUSLY.

No comments from public.

MOTION by Holtrop, SUPPORT by Naramore, to close the public hearing. MOTION CARRIED UNANIMOUSLY.

B. APPROVAL OF THE FINAL PUBLIC PARTICIPATION PLAN

MOTION by Johnson, SUPPORT by Womack, to approve the final Public Participation Plan. MOTION CARRIED UNANIMOUSLY.

VI. TIP 2020-2023 DEFICIENCY LIST

Referring to Item VI: Attachment A, Itani discussed that the staff has completed collecting data on system condition and capacity deficiencies. Maps were displayed and an example of the Draft Deficiency List and Field Definitions were provided to the committee. One of the changes in defining the deficiencies was using peak hours 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. The 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 is a new deficiency, and we are using state targets for serious injuries and fatalities for 100 million vehicles traveled. Using as characteristics to flag whether a segment is deficient.

A copy of the Deficiencies List was recently supplied to our member jurisdictions as part of a call for projects for the 2020-2023 TIP on November 22nd. Included in the listing are characteristics on capacity, condition, and safety deficiencies with additional information related to federal performance measures, transit proximity, and the non-motorized plan.

VII. OTHER BUSINESS

Naramore asked the status for the CMAQ funding for FY2020. Itani responded that nothing changed for FY2020. For FY2021-FY2023 it will be decreased to half the funds.

Itani also added that STP funding will be going up 2-3%. The TPSG Committee will be meeting December 3rd and 5th to discuss funding.

VIII. ADJOURNMENT

Schmalzel entertained a motion to adjourn the November 21, 2018 Policy Committee meeting.

MOTION by Womack, SUPPORT by Naramore, to adjourn the November 21, 2018 Policy Committee meeting at 10:45 am. MOTION CARRIED UNANIMOUSLY.

Itani responded that nothing changed for FY2020. FY2021-FY2023 it will be decreased to half the funds.

Itani also added that STP funding will be going up 2-3%. Will be meeting December 3rd and 5th to discuss funding.

VIII. ADJOURNMENT

Schmalzel entertained a motion to adjourn the November 21, 2018 Policy Committee meeting.

MOTION by Womack, SUPPORT by Naramore, to adjourn the November 21, 2018 Policy Committee meeting at 10:45 am. MOTION CARRIED UNANIMOUSLY.



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MEMORANDUM

DATE: January 9, 2019

TO: Policy Committee

FROM: Laurel Joseph, Transportation Planner

RE: **TIP Amendment/Modifications**

MDOT, Grand Rapids, and the Kent County Road Commission 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 attachments).
- Kent County Road Commission is requesting to add non-participating local costs to a 2019 bridge project. The federal/state funds associated with the project will not change (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

Page: 1 of 2

| 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

Fiscal Year(s) : 2019, 2020

Date: 01/02/2019

Page: 2 of 2

| 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

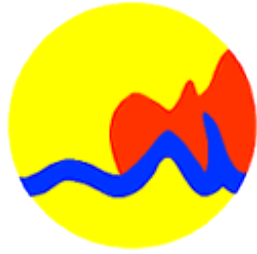
| Fiscal Year | MPO | Job Type | GPA | Status | Threshold Amount | Usage Amount | Proposed Amount | Change Amount | Remaining Amount | MPO Approval Date | Fed Approval Date |
|--------------|------|-------------|---|------------------|------------------|--------------|-----------------|-----------------|------------------|-------------------|-------------------|
| 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> |
|----------------------|--|--------------------|---------------|----------------------|----------------|----------------|
| <u>DELETE</u> | | | | | | |
| Alger Street | Eastern Avenue to Kalamazoo Avenue | Reconstruct | 0.73 | \$981,250.00 | \$268,750.00 | \$1,250,000.00 |
| <u>ADD</u> | | | | | | |
| Market Avenue | I-196 WB Ramp to 200' W of Plaster Creek and Coit Avenue to Wealthy Street | 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 | \$ 950,000.00 | \$1,334,000.00 |

FY2020 STP-U (80%/20%)

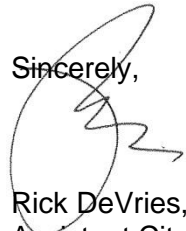
| | | | | | | |
|----------------------|---|--------------------|------|--------------|--------------|----------------|
| <u>DELETE</u> | | | | | | |
| Market Avenue | Frontage Street to 200' W of Plaster Creek and Coit Avenue to Market Avenue | Rotomill/resurface | 0.96 | \$600,000.00 | 150,000.00 | 750,000.00 |
| Madison Avenue | Franklin Street to Wealthy Street | Rotomill/resurface | 0.5 | 384,000.00 | 950,000.00 | 1,334,000.00 |
| <u>ADD</u> | | | | | | |
| 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 |
|-----------------|---------------------------------|-------------|------|--------------|------------|--------------|

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

Page: 1 of 1

Fiscal Year(s) : 2019, 2020

| 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

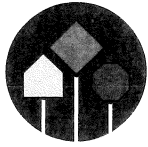
Phase Type: ALL

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

Amendment Type: ALL

Templates: , Local - ALL

Finance System: , Local - ALL



Kent County Road Commission

January 9, 2019

Ms. Laurel Joseph
Grand Valley Metro Council
678 Front Ave., NW, Suite 200
Grand Rapids, MI 49504

Re: 2017 – 2020 TIP Amendment

Dear Laurel:

The Kent County Road Commission (KCRC) hereby requests the 2019 TIP be amended to include the following revised project cost:

76th Street Bridge

Work: Rehab / Widen

Location: Over Buck Creek (east of Clyde Park Avenue)

Length: 0.2 Mile

Federal Bridge Funds = \$410,400 (Local Bridge Funds) **DOES NOT CHANGE**

Total Bridge Estimate = \$550,000

Total Non-Participating Road = \$550,000

Total Project Estimate = \$1,100,000

Local Share = \$689,600

Please call me at (616) 242-6914 if you have any questions or need any additional information.

Sincerely,

Wayne A. Harrall, P.E.

Deputy Managing Director – Engineering

WAH:kll

C: Steve Warren
Jerry Byrne
Tom Byle
Tim Haagsma
Rick Sprague
Tom Hooker - Byron Township

Working to keep Kent County moving



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 COOPERSVILLE • COURTLAND TOWNSHIP • EAST GRAND RAPIDS • GAINES TOWNSHIP • GEORGETOWN TOWNSHIP • GRAND RAPIDS • GRAND RAPIDS TOWNSHIP • GRANDVILLE • GREENVILLE • HASTINGS
 HUDSONVILLE • IONIA • JAMESTOWN TOWNSHIP • KENT COUNTY • KENTWOOD • LOWELL • LOWELL TOWNSHIP • MIDDLEVILLE • OTTAWA COUNTY • PLAINFIELD TOWNSHIP • ROCKFORD
 SAND LAKE • TALLMADGE TOWNSHIP • WALKER • WAYLAND • WYOMING

MEMORANDUM

DATE: January 9, 2019

TO: Policy Committee

FROM: Laurel Joseph, Transportation Planner

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

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 for 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 Policy Committee preliminary approval of the attached draft lists of proposed projects in order to continue to move the process forward. The Technical Committee moved to recommend approval at their January 9, 2019 meeting.

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 |
| Totals | | | | | \$8,927,709 | \$ 2,837,500 | \$11,765,209 |

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 |
| | | | | | | | | \$ | | - |
| Totals | | | | | | \$ 1,753,275 | \$ | 438,319 | \$ | 2,191,594 |

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 |
| Totals | | | | | | \$2,457,054 | \$ | 302,500 | \$ | 298,400 | \$ | 3,057,954 |

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 |
| Totals | | | | | \$1,526,503 | \$ 338,497 | \$ - | \$ 1,865,000 |

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 |
| Totals | | | | | \$1,997,208 | \$ 325,793 | \$ 132,000 | \$ 2,455,001 |

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 |
| Totals | | | | | \$9,100,015 | \$ 2,952,985 | \$12,053,000 |

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 |
| Totals | | | | | \$ 672,630 | \$ - | \$ 997,370 | \$ 1,670,000 |

Draft FY2020-2023 TIP Projects

Item V: Attachment A

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 |
| Totals | | | | | \$1,232,000 | | \$ 368,000 | |

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 |
| Totals | | | | | \$ 717,000 | \$ - | \$ 183,000 | \$ 900,000 |

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 |
| Totals | | | | | | \$ 2,184,000 | \$ 1,646,000 | \$ 3,830,000 |

Draft FY2020-2023 TIP Projects

Item V: Attachment A

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 |
| Totals | | | | | | \$1,649,278 | \$ | 365,722 | \$ | - | \$ 2,015,000 |

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 |
| Totals | | | | | | \$ 998,604 | \$ | 1,060,396 | \$ | 396,000 | \$ 2,455,000 |

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 |
| Totals | | | | | \$9,287,500 | \$ - | \$ 3,320,500 | \$12,608,000 |

Draft FY2020-2023 TIP Projects

Item V: Attachment A

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 |
| Totals | | | | | \$1,262,000 | \$ - | \$ 282,370 | \$ 1,544,370 |

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 |
| Totals | | | | | \$ 731,000 | \$ - | \$ 182,750 | \$ 913,750 |

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 |
| Totals | | | | | \$ - | \$ 2,320,000 | \$ 580,000 | 0 |

Draft FY2020-2023 TIP Projects

Item V: Attachment A

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 |
| Totals | | | | | | \$2,250,875 | \$ | 499,125 | \$ | - | \$ 2,750,000 |
| ITS Set-Aside | | | | | | | | | | | |
| 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 |
| Total | | | | | | \$1,021,113 | \$ | 1,092,888 | \$ | 396,000 | \$ 2,510,000 |

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

Item V: Attachment A

| | | | | | | | |
|-----------------|----------------------------------|---|------------|-------|--------------------|-------------|---------------------|
| 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 |
| Totals | | | | | \$9,475,547 | \$ - | \$ 2,529,454 |

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 |
| Totals | | | | | \$1,246,207 | \$ 105,000 | \$ 120,000 | \$ 1,311,207 |
| ITS Set-Aside | | | | | | | | |
| 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 |
| Totals | | | | | \$1,082,500 | \$ 1,181,500 | \$ 396,000 | \$ 2,660,000 |

FY 2020-2023 Rural STP Candidate Projects

Item IV: Attachment A

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 |
| TOTAL | | | | | | \$877,000 | \$323,000 | \$1,200,000 |

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 |
| TOTAL | | | | | | \$895,000 | \$305,000 | \$1,200,000 |

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 |
| TOTAL | | | | | | \$913,000 | \$337,000 | \$1,250,000 |

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 |
| TOTAL | | | | | | \$931,000 | \$319,000 | \$1,250,000 |

Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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 | Collindale Avenue to Covell Avenue | Rotomill/resurface | City of GR | 0.20 | \$ 140,000 | \$ 35,000 | \$ 175,000 |
| 7th Street | Fuller Avenue to ECL | Rotomill/resurface | City of GR | 1.01 | \$ 610,000 | \$ 152,500 | \$ 762,500 |
| Aberdeen Street | Division Avenue to Madison Avenue | Reconstruction | City of GR | 0.45 | \$ 1,050,000 | \$ 262,500 | \$ 1,312,500 |
| Alpine Avenue | Leonard Street to Crosby Street | Rotomill/resurface | City of GR | 0.13 | \$ 60,000 | \$ 15,000 | \$ 75,000 |
| Ann Street | Turner Avenue to Monroe Avenue | Rotomill/resurface | City of GR | 0.40 | \$ 180,000 | \$ 45,000 | \$ 225,000 |
| Ann Street | Nason Avenue to Turner Avenue | Rotomill/resurface | City of GR | 0.60 | \$ 350,000 | \$ 87,500 | \$ 437,500 |
| Ann Street | Monroe Avenue to Plainfield Avenue | Reconstruction | City of GR | 0.55 | \$ 1,500,000 | \$ 375,000 | \$ 1,875,000 |
| Ball Avenue | Mason Street to Cedar Avenue | Rotomill/resurface | City of GR | 0.16 | \$ 70,000 | \$ 17,500 | \$ 87,500 |
| Boston Street | Plymouth Avenue to ECL | Rotomill/resurface | City of GR | 0.25 | \$ 130,000 | \$ 32,500 | \$ 162,500 |
| Boston Street | Fuller Avenue to Plymouth Avenue | Rotomill/resurface | City of GR | 0.59 | \$ 360,000 | \$ 90,000 | \$ 450,000 |
| Breton Avenue | Burton Street to NCL | Rotomill/resurface | City of GR | 0.79 | \$ 460,000 | \$ 115,000 | \$ 575,000 |
| Bridge Street | Valley Avenue to Broadway Avenue | Rotomill/resurface | City of GR | 0.96 | \$ 440,000 | \$ 110,000 | \$ 550,000 |
| Bridge Street | Scott Avenue to Valley Avenue | Reconstruction | City of GR | 0.18 | \$ 530,000 | \$ 132,500 | \$ 662,500 |
| Bristol Avenue | Richmond Street to NCL | Rotomill/resurface | City of GR | 0.33 | \$ 150,000 | \$ 37,500 | \$ 187,500 |
| Buchanan Avenue | Burton Street to Stewart Street | Rotomill/resurface | City of GR | 0.11 | \$ 70,000 | \$ 17,500 | \$ 87,500 |
| Buchanan Avenue | Corrine Street to Hall Street | Reconstruction | City of GR | 0.53 | \$ 1,130,000 | \$ 282,500 | \$ 1,412,500 |
| Buchanan Avenue | Stewart Street to Corrine Street | Reconstruction | City of GR | 0.28 | \$ 590,000 | \$ 147,500 | \$ 737,500 |

Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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

Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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

Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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

Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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

Illustrative Candidate Projects for FY2020-2023 TIP

Item V: Attachment C

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

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

Page: 2 of 3

| 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)



S/TIP TOTAL PROPOSED COMMITMENTS - STANDARD REPORT

Date: 10/31/2018

Page: 3 of 3

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

| 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 | MPO/Rural Approval Date | FHWA Approval Date | Schedule Obligation Date | Actual Obligation Date | Schedule Let Date | Actual Let Date | Federal Amendment Type | Comments |
|-------------|----------|-----------|-----|--------|--------------------|--------------|--------|--------|-------------------|---------------------|------------------------|-------|--------------|-------------|--------------|-----------------------|-------------------------|----------------------|------------------------|--------------|-------------|-------------------------|--------------------|--------------------------|------------------------|-------------------|-----------------|------------------------|----------|
|-------------|----------|-----------|-----|--------|--------------------|--------------|--------|--------|-------------------|---------------------|------------------------|-------|--------------|-------------|--------------|-----------------------|-------------------------|----------------------|------------------------|--------------|-------------|-------------------------|--------------------|--------------------------|------------------------|-------------------|-----------------|------------------------|----------|

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

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

Amendment Type ALL

Templates Trunkline - ALL

Finance System Trunkline - ALL



S/TIP EXEMPT - REVERSIBLE JOBS

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

Date: 10/31/2018
Page: 1 of 2

| 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

Page: 2 of 2

| 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 |
|-------------|----------|-----------|-----|--------|--------------------|--------------|--------|--------|-------------------|---------------------|------------------------|-------|--------------|-------------|--------------|-----------------------|-------------------------|----------------------|------------------------|--------------|-------------|--------------------------|------------------------|-------------------|-----------------|----------|
|-------------|----------|-----------|-----|--------|--------------------|--------------|--------|--------|-------------------|---------------------|------------------------|-------|--------------|-------------|--------------|-----------------------|-------------------------|----------------------|------------------------|--------------|-------------|--------------------------|------------------------|-------------------|-----------------|----------|

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

| | Federal | State | Total |
|---|----------------------|---------------------|----------------------|
| 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 |
| Total | \$ 10,234,463 | \$ 2,558,616 | \$ 12,793,079 |

FY 2020 Section 5339 -Bus/Bus Facility

| | | | |
|-----------------------|-------------------|-------------------|---------------------|
| Replacement 40' Buses | \$ 966,419 | \$ 241,605 | \$ 1,208,024 |
| Total | \$ 966,419 | \$ 241,605 | \$ 1,208,024 |

FY 2020 Specialized Service

| | | | |
|---------------------|-------------|-------------------|-------------------|
| Specialized Service | \$ - | \$ 463,289 | \$ 463,289 |
| Total | \$ - | \$ 463,289 | \$ 463,289 |

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

Item V: Attachment A

FY 2021 Section 5307

| | Federal | State | Total |
|---|----------------------|---------------------|----------------------|
| 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 |
| Total | \$ 10,962,496 | \$ 2,740,624 | \$ 13,703,120 |

FY 2021 Section 5339 -Bus/Bus Facility

| | | | |
|-----------------------|-------------------|-------------------|---------------------|
| Replacement 40' Buses | \$ 980,916 | \$ 245,229 | \$ 1,226,145 |
| Total | \$ 980,916 | \$ 245,229 | \$ 1,226,145 |

FY 2021 Specialized Service

| | | | |
|---------------------|-------------|-------------------|-------------------|
| Specialized Service | \$ - | \$ 463,289 | \$ 463,289 |
| Total | \$ - | \$ 463,289 | \$ 463,289 |

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

Item V: Attachment A

FY 2022 Section 5307

| | Federal | State | Total |
|---|----------------------|---------------------|----------------------|
| 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 | | | |
| Total | \$ 11,165,927 | \$ 2,791,482 | \$ 13,957,409 |

FY 2022 Section 5339 -Bus/Bus Facility

| | | | |
|-----------------------|-------------------|-------------------|---------------------|
| Replacement 40' Buses | \$ 995,629 | \$ 248,907 | \$ 1,244,537 |
| Total | \$ 995,629 | \$ 248,907 | \$ 1,244,537 |

FY 2022 Specialized Service

| | | | |
|---------------------|-------------|-------------------|-------------------|
| Specialized Service | \$ - | \$ 463,289 | \$ 463,289 |
| Total | \$ - | \$ 463,289 | \$ 463,289 |

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

Item V: Attachment A

FY 2023 Section 5307

| | Federal | State | Total |
|---|----------------------|---------------------|----------------------|
| 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 | | | |
| Total | \$ 10,345,231 | \$ 2,586,308 | \$ 12,931,539 |

FY 2023 Section 5339 -Bus/Bus Facility

| | | | |
|-----------------------|---------------------|-------------------|---------------------|
| Replacement 40' Buses | \$ 1,010,564 | \$ 252,641 | \$ 1,263,205 |
| Total | \$ 1,010,564 | \$ 252,641 | \$ 1,263,205 |

FY 2023 Specialized Service

| | | | |
|---------------------|-------------|-------------------|-------------------|
| Specialized Service | \$ - | \$ 463,289 | \$ 463,289 |
| Total | \$ - | \$ 463,289 | \$ 463,289 |



GRAND VALLEY METROPOLITAN COUNCIL

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

MEMORANDUM

DATE: January 9, 2019

TO: Policy 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

| Measure (5-year rolling average) | Baseline Condition (2013-2017) | 2019 Targets (2015-2019) | GVMC Baseline Condition (2013-2017) |
|--|---|-------------------------------------|--|
| 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 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 27th, 2019.

Recommended Action: Staff is requesting that the Policy Committee approve of supporting the MDOT safety targets for all of the safety performance measures.

Please contact me for any comments and questions at (616) 776-7696.