GRAND VALLEY METROPOLITAN COUNCIL

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

GVMC BOARD MEETING

Agenda

June 2, 2016

8:30 a.m.

Kent County Commission Chambers
300 Monroe
Grand Rapids, MI

1. Approval of Minutes – Attached

2. Public Comment

3. 2017/2020 Transportation Improvement Program (TIP) – Attached

4. Proposed FY2017 Unified Planning Work Program Activities & Budget - Attached

5. Amendment Request to FY2016 Unified Planning Work Program for Interurban Transit Partnership (ITP)- Attached

6. Port of Muskegon Presentation - Erin Kuhn, WMSDC Executive Director and Mark Eisenbarth, Muskegon County Administrator

7. Adjourn

GRAND VALLEY METRO COUNCIL

Board Meeting

May 5, 2016

8:30 a.m.

Kent County Commission Chambers
300 Monroe
Grand Rapids, MI

MINUTES

1. Call to Order

Al Vanderberg called the meeting to order at 8:30 a.m.

Members Present:

Alex Arends	Alpine Township
Rob Beahan	Cascade Township
Micki Benz	At-Large Member
Tom Butcher	Grand Valley State University
Charlie DeVries	At-Large Member
Mike DeVries	Grand Rapids Township
Daryl Delabbio	Kent County
Brian Donovan	City of East Grand Rapids
Carol Hennessey	Kent County
Don Hilton, Sr.	Gaines Township
Jim Holtvluwer	Ottawa County
John Hoppough	City of Greenville
Mark Huizenga	City of Walker
Diane Jones	Kent County
Karen McCarthy	At-Large
Tim McLean	City of Wayland
Brenda McNabb-Stange	City of Hastings
Cy Moore	Treasurer
Jay Spencer	Plainfield Township
Julius Suchy	Village of Sparta
Roger Towsley	Village of Sand Lake
Al Vanderberg	Ottawa County
Bill VerHulst	City of Wyoming
Patrick Waterman	City of Hudsonville

Members Absent:

Jerry Alkema	Allendale Township
Rick Baker	At-Large
Ken Bergwerff	Jamestown Township
Rosalynn Bliss	City of Grand Rapids
Bruce Brown	City of Belding
Jim Buck	Secretary
Dan Carlton	Georgetown Township
Nancy Clary	Algoma Township
Deb Diepenhorst	Cannon Township
Jason Eppler	City of Ionia
George Haga	Ada Township
Jerry Hale	Lowell Township
Brian Harrison	Caledonia Township
Mark Howe	City of Lowell
Steve Kepley	City of Kentwood
Steve Maas	City of Grandville
Matt McConnon	Courtland Township
Audrey Nevins-Weiss	Byron Township
Steven Patrick	City of Coopersville
Jack Poll	City of Wyoming
Milt Rohwer	City of Grand Rapids
Thad Taylor	City of Cedar Springs
Toby VanEss	Tallmadge Township
Duane Weeks	Village of Middleville

Others Present:

Ann Armstrong	Office of Governor Snyder
Chris Brown	Grand Valley Metro Council
Rafael Diaz	Kalamazoo Dept. of Public Service
Chief Mark Herald	East Grand Rapids
Abed Itani	Grand Valley Metro Council
Brian Lam	Center for Michigan
Gayle McCrath	Grand Valley Metro Council
Wendy Ogilvie	Grand Valley Metro Council
Peter Varga	The Rapid
John Weiss	Grand Valley Metro Council

2. Minutes

MOTION – To Approve the March 2016 GVMC Board Minutes. MOVE – Donovan. SUPPORT – Beahan. MOTION CARRIED.

3. Public Comment

None

4. Appointment of Micki Benz – At-Large

John Weiss explained At-Large member Mark Lemoine has resigned his position and the Executive Committee has recommended Micki Benz to take his place. Micki is well known in the community and represents Mercy / St. Mary's Health.

MOTION – To Appoint Micki Benz to a GVMC At-Large Member Position. MOVE – Delabbio. SUPPORT – Stange-McNabb. MOTION CARRIED.

5. Oath of Office

Kent County Clerk Mary Hollinrake administered the Oath of Office to the three new At-Large members: Micki Benz, Karen McCarthy, and Charlie DeVries.

Each new member was given the opportunity to address the group. They all expressed gratitude for being appointed and looked forward to serving.

6. Great Lakes Grant

Wendy Ogilvie reported GVMC is excited to announce it has received a $451,000 Great Lakes Initiative Grant.

7. RPI Invitation

John Weiss reported the West Michigan Regional Prosperity Alliance will hold a meeting in Ludington on June 20 with U.S. Congressman Bill Huizenga. GVMC Board Members and a guest are invited to attend a reception following the meeting at the home of John & Audrey Weiss.

8. Crisis Intervention

East Grand Rapids Police Chief Mark Herald reported on collaborative mental health crisis intervention training. The proposed Kent County Crisis Intervention Team (KCCIT) will be a police-based, first responder program patterned on the nationally known "Memphis Model" of pre-arrest jail diversion for those in a mental illness crisis.

The goals of KCCIT are to:

- Provide law enforcement officers with 40 hours of comprehensive crisis intervention for individuals with mental illness

- Collaborate with key community stakeholders and institutions in an effort to improve mental health pre-arrest diversion systems that are more efficient, effective, and responsive to all mental health system participants.
- Work in partnership with mental health care providers to ensure a system of services that is friendly to individuals with mental illness, their family members and police officers

The budget for KCCIT will be acquired through grants and voluntary funding from police agencies. GVMC is being requested to assist by providing fiduciary services since GVMC is eligible to hold grants.

MOTION – To Approve GVMC's Participation as Fiduciary for KCCIT. MOVE – Huizenga. SUPPORT – Benz. MOTION CARRIED.

9. Regional Prosperity Initiative Funding Resolution

John Weiss reported funding for the Regional Prosperity Initiative has been removed from the Senate version of the State budget for next year. It is still in the House version of the budget. The RPI has been very successful in West Michigan, bringing over $700,000 to fund very successful projects including the Muskegon Port, Connect Michigan (broadband) and the Clean Water Initiative. Region 4 has been recognized statewide for its leadership, innovation, collaboration, cooperation and success in the RPI.

MOTION – To Approve the Resolution in Support Continued Funding by the State of Michigan for the Regional Prosperity Initiative. MOVE – Arends. SUPPORT – Delabbio. MOTION CARRIED

10. 10 Cents a Meal Resolution

John Weiss reported on the 10 Cents a Meal pilot program which has been added to the State of Michigan School Aid bill ($500,000). It supports local agribusiness, schools, and childhood nutrition in West and Northwest Michigan by rebating schools up to 10 cents a meal for locally sourced food. GVMC would receive up to 10% of funding distributed in Region 4 for acting as the fiduciary and administering the program.

MOTION – To Approve the Resolution in Support of Funding for the 10 Cents a Meal Program as Well as GVMC's Participation in the Project. MOVE – Donovan. SUPPORT – Stange-McNabb. MOTION CARRIED.

11. Trust in Government Presentation – Center for Michigan

Brian Lam of the Center for Michigan facilitated a survey and discussion about trust in state government.

12. Adjourn

MOTION – To Adjourn. MOVE – Hoppough. SUPPORT – Lemoine. MOTION CARRIED.

GVMC

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MEMORANDUM

DATE: May 26, 2016

TO: GVMC Board

FROM: Darrell T. Robinson, Transportation Planner

RE: FY 2017 - 2020 Transportation Improvement Program Document

On behalf of all jurisdictions with projects programmed in the FY2017-2020 TIP, staff is requesting approval of the entire FY2017 – 2020 Transportation Improvement Program (TIP) document in order to move forward with all necessary approvals by Grand Valley Metro Council (GVMC), the Michigan Department of Transportation (MDOT), the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). The document is located on GVMC's website at this address: http://www.gvmc.org/transportation/tip.shtml.

The process to develop this document began on January 13th and 20th, when the Transportation Programming Study Group met and began programming projects for the FY2017-2020 TIP. The result of that programming effort is reflected in the attached preliminarily approved FY2017-2020 TIP list of projects as well as an Illustrative list of projects. Also included is MDOT's Five Year Program and ITP The Rapid's list of projects for FY2017 – 2020.

GVMC staff performed an Environmental Justice Review of the FY2017-2020 TIP projects in March. Staff generated 12,623 postcards to property owners informing them that their home or business may be impacted by a transportation improvement project scheduled to take place in their area between 2017 and 2020. The mailing informed the property owner that if they had any comments or input they would like to provide on the proposed project, that they could contact GVMC staff via mail, email, phone call or attend the GVMC Environmental Justice Review public meeting which took place on March 24th. 8 people from the public were in attendance.

Later, GVMC hosted a public meeting on Wednesday, April 13, 2016 to seek comments on the draft project lists of the Fiscal Year 2017 through 2020 TIP, and 6 individuals from the public attended. GVMC will take comments for the entire 2017-2020 TIP document through June 2, 2016.

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

It is the finding by GVMC that the transportation planning process implemented to develop the Metropolitan Transportation Plan (MTP) and the TIP is certified in accordance with the requirements of US Code 23 CFR 450 and that the FY 2017-2020 TIP is consistent with the Grand Rapids Area 2040 MTP and conforms to the State Implementation Plan (SIP) for air quality.

The current FY2014-2017 TIP remains in effect until the FY2017-2020 TIP is approved by MDOT and the Governor, and has been found to conform to the SIP by FHWA and FTA.

If you have any questions regarding the 2017 – 2020 TIP, please do not hesitate to call me at (616) 776-7609.

Action Requested: Approval of the FY2017 – 2020 TIP

Draft FY2017-2020 TIP Projects

FY2017

FY2017 STP-U (74.5%/25.5%)

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
GVMC	Planning Studies	Studies	GVMC	n/a	$ 150,000.00	$ 37,500.00	$ 187,500.00	Exempt
Capital Preventive Maintenance	Regionwide	GPA	KCRC	TBD	$ 720,000.00	$ 180,000.00	$ 900,000.00	Exempt
44th Street*	M-37 to Patterson Avenue	Rotomill/resurface	Kentwood	0.75	$ 957,040.00	$ -	$ 957,040.00	ACC, AC FY16
44th Street	Shaffer to East Beltline	Rotomill/resurface	Kentwood	1.25	$ 1,043,000.00	$ 357,000.00	$ 1,400,000.00	Exempt
28th Avenue	Baldwin Street to Bauer Road	Resurface	OCRC	1	$ 298,000.00	$ 102,000.00	$ 400,000.00	Exempt
Byron Center	84th to 76th	Resurface	KCRC	1	$ 596,000.00	$ 204,000.00	$ 800,000.00	Exempt
Byron Center	76th to 68th	Resurface	KCRC	1	$ 745,000.00	$ 255,000.00	$ 1,000,000.00	Exempt
68th Avenue	Fillmore Street to M-45	Resurface + Shoulder 2 lanes	OCRC	2	$ 270,000.00	$ 550,000.00	$ 750,000.00	Exempt
Turner Avenue	West River Drive to US-131 SB Ramps	Resurface	Walker	0.65	$ 596,000.00	$ 204,000.00	$ 800,000.00	Exempt
Wealthy Street	Commerce Avenue to Division Avenue	Reconstruct Existing	Grand Rapids	0.18	$ 389,109.00	$ 133,185.00	$ 522,294.00	Exempt
Leonard Street	Fuller Avenue to Ball Avenue	Reconstruct Existing	Grand Rapids	0.48	$ 360,793.00	$ 123,493.00	$ 484,286.00	Exempt
Belmont Avenue	South Of 10 Mile Road	Relocation & Signal Elimination	KCRC	0	$ 260,750.00	$ 89,250.00	$ 350,000.00	Exempt
32nd Street	Kalamazoo Avenue to East City Limits	Rotomill/resurface	Grand Rapids	0	$ 245,209.00	$ 83,931.00	$ 329,140.00	Exempt
Monroe Avenue	I-196 to 6th/ Newberry Street	Rotomill/resurface	Grand Rapids	0	$ 212,858.00	$ 72,857.00	$ 285,715.00	Exempt
Alpine Avenue*	Richmond Street to Nason Street	Rotomill/resurface	Grand Rapids	1	$ 219,729.00	$ -	$ 219,729.00	ACC, AC FY16
Fuller Avenue	Alexander Street to Franklin Street	Rotomill/resurface	Grand Rapids	0	$ 163,473.00	$ 55,954.00	$ 219,427.00	Exempt
Michigan Street	Monroe Avenue to Ionia Avenue	Reconstruct Existing	Grand Rapids	0.17	$ 677,405.00	$ 692,722.00	$ 1,370,127.00	ACC, AC FY16
TOTAL:					**$ 7,904,366.00**	**$ 3,140,892.00**	**$ 10,975,258.00**	

FY2017 FLEX

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Kalamazoo	76th to 84th	Reconstruct Existing	KCRC	1	$ 1,034,976.00	$ 456,024.00	$ 1,500,000.00	Exempt
Belmont Avenue	South Of 10 Mile Road	Relocation & Signal Elimination	KCRC	0	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
TOTAL:					**$ 1,274,976.00**	**$ 516,024.00**	**$ 1,800,000.00**	

FY2017 NHPP

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Leonard Street	Ashland Street to Fuller Avenue	Reconstruct Existing	Grand Rapids	0.66	$ 707,362.00	$ 176,841.00	$ 884,203.00	Exempt
TOTAL:					**$ 707,362.00**	**$ 176,841.00**	**$ 884,203.00**	

FY2017 EDFC

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
56th St.	Byron Center Ave. to Ivanrest Ave.	Reconstruct 2 to 3 lanes & bike lanes	Wyoming	1	$ 1,600,000.00	$ 400,000.00	$ 2,000,000.00	ACC From 14 to 17
TOTAL:					**$ 1,600,000.00**	**$ 400,000.00**	**$ 2,000,000.00**	

FY2017 STP-Rural

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Lincoln Lake	7-Mile to Belding Rd	Reconstruct Existing	KCRC	0.80	$ 534,033.00	$ 365,967.00	$ 900,000.00	Exempt
Lake Street	5th Street to Richey	Reconstruct Existing	Village of Sand Lake	0.80	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
TOTAL:					**$ 774,033.00**	**$ 425,967.00**	**$ 1,200,000.00**	

FY2017 CMAQ

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Fiber Communications	Fiber runs on Burton Street, east of Division	0	Grand Rapids	0	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
Signal Optimization	Signal optimization at up to 120 locations on Federal Aid Roads (P. 2017 Phase 12)	0	Grand Rapids	0	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
Rideshare Program	Areawide	Rideshare Program	ITP	0	$ 143,000.00	$ -	$ 143,000.00	Exempt
Replacement Buses	Areawide	2 Replacement Buses	ITP	0	$ 656,000.00	$ 164,000.00	$ 820,000.00	Exempt
Clean Air Action Days	Areawide	Free Rides On Clean Air Action Days	ITP	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Replacement VanPool Vans (4)	Areawide	4 Replacement VanPool Vans	ITP	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Clean Air Action Days	Areawide	Areawide	GVMC	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
College and Michigan	Design and implementation of capacity improvements through geometric alteration to the Michigan and College intersection	0	Grand Rapids	0	$ 288,731.00	$ 72,183.00	$ 360,914.00	Exempt
28th Street @ Kraft Avenue	Intersection	Turn Lanes	KCRC	0	$ 400,000.00	$ 100,000.00	$ 500,000.00	Exempt
Belmont Avenue @ 10 Mile Road	Intersection	Signal upgrade	KCRC	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Crahen @ M-21	Intersection	Dual Lt-Turn Lanes & Signal Upgrade	KCRC	0	$ 264,000.00	$ 86,000.00	$ 350,000.00	Exempt
TOTAL:					**$ 2,551,731.00**	**$ 622,183.00**	**$ 3,173,914.00**	

2017 CMAQ MDOT

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
N/A	N/A	(Repayments for US-131 W/M Lanes and I-96 @ Cascade Road DDI projects from previous years)	MDOT		$ -	$ -	$ -	
TOTAL:					$ -	$ -	$ -	

2017 ITS Set-Aside

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
WMTOC Operations	Areawide	ITS Control Room Operations	MDOT		$ 440,000	$ 110,000	$ 550,000	Exempt
ITS Device Operations and Mainten	Areawide	ITS Device Operations and Maintenance	MDOT		$ 632,000	$ 158,000	$ 790,000	Exempt
ITS Operations	Regional Signal System TMS Operations	Regional Signal System TMS Operations	Grand Rapids		$ 432,489	$ 108,122	$ 540,611	Exempt
TOTAL:					**$ 1,504,489**	**$ 376,122**	**$ 1,880,611**	

Draft FY2017-2020 TIP Projects

FY2018

FY2018 STP-U (76.7%/23.3%)

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Burton Street	Breton Avenue to East Beltline	Rotomill/resurface	Grand Rapids	1.23	$ 659,620.00	$ 200,380.00	$ 860,000.00	Exempt
Kinney Avenue *	Three Mile to Waldorf	Reconstruct	Walker	0.5	$ 882,050.00	$ 267,950.00	$ 1,150,000.00	Exempt
Cottonwood Drive	Baldwin Street to Bauer Road	Reconstruct to 5 Lanes	OCRC	1.44	$ 1,500,000.00	$ 900,000.00	$ 2,400,000.00	Exempt
Breton Road	Hall to Lake	Rotomill/resurface	East Grand Rapids	0.37	$ 651,796.00	$ 198,003.00	$ 849,800.00	Exempt
10 Mile Rd	Alpine Ave to Pine Island Dr	Reconstruct	KCRC	2	$ 1,534,000.00	$ 466,000.00	$ 2,000,000.00	Exempt
32nd Avenue	City limits to Corporate Grove Drive	resurfacing and widening	Hudsonville	0.2	$ 237,770.00	$ 72,230.00	$ 310,000.00	Exempt
Breton Avenue	44th to 32nd	Pulverize and repave	Kentwood/GR	1.5	$ 1,687,400.00	$ 512,600.00	$ 2,200,000.00	Exempt
GVMC	Planning Studies	Studies	GVMC	n/a	$ 150,000.00	$ 37,500.00	$ 187,500.00	Exempt
Alpine Avenue	Stocking Avenue to Leonard Street	Rotomill/resurface	Grand Rapids	0	$ 252,450.00	$ 76,690.00	$ 329,140.00	Exempt
Grandville Avenue	Franklin Street to Barlett Street	Rotomill/resurface	Grand Rapids	0	$ 252,450.00	$ 76,690.00	$ 329,140.00	Exempt
Coit Avenue, North Park Street	North Park Street to 4 Mile Road, Monroe Avenue to Coit Avenue	Rotomill/resurface	Grand Rapids	0	$ 252,450.00	$ 76,690.00	$ 329,140.00	Exempt
TOTAL:					**$ 8,059,986.00**	**$ 2,884,733.00**	**$ 10,944,720.00**	

FY2018 FLEX

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Knapp Street	The Grand River to w. of Pettis	Widen to 3 Lanes	KCRC	0.5	$ 640,000.00	$ 160,000.00	$ 800,000.00	
Knapp Street	Dunnigan Ave to Grand River Dr	Widen to 3 Lanes	KCRC	2	$ 660,475.00	$ 165,119.00	$ 825,594.00	Dual funded, EDFC
TOTAL:					**$ 1,300,475.00**	**$ 325,119.00**	**$ 1,625,594.00**	

FY2018 NHPP

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Fulton Street	250' W. of Somerset Dr to Maryland Ave	Rotomill/resurface	Grand Rapids	0	$ 341,509.00	$ 85,377.00	$ 426,886.00	Exempt
10 Mile	US-131 to Meijer/ childsdale to river	Resurface	KCRC	0.4	$ 380,000.00	$ 95,000.00	$ 475,000.00	Exempt
TOTAL:					**$ 721,509.00**	**$ 180,377.00**	**$ 901,886.00**	

FY2018 EDF-C

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Knapp Street	Dunnigan Ave to Grand River Dr	Widen to 3 Lanes	KCRC	2	$ 981,644.00	$ 245,411.00	$ 1,227,055.00	Dual funded, STP-Flex
TOTAL:					**$ 981,644.00**	**$ 245,411.00**	**$ 1,227,055.00**	

FY2018 STP-Rural

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
13 Mile Road	Fruit Ridge Ave to Peach Ridge Ave	Reconstruct Exisiting	KCRC	1.00	$ 789,514.00	$ 410,486.00	$ 1,200,000.00	Exempt
TOTAL:					**$ 789,514.00**	**$ 410,486.00**	**$ 1,200,000.00**	

FY2018 CMAQ

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
I-96 Eastbound Ramp at Walker	Intersection	Intersection Modification and Signalization	Walker/MDOT	1000'	$ 160,000.00	$ 40,000.00	$ 200,000.00	Exempt
Spaulding Avenue @ Cascade Road	from Cascade Rd to 800 ft south	Add Rt-turn Lane	KCRC	0.15	$ 280,000.00	$ 70,000.00	$ 350,000.00	Exempt
Signal Optimization	Signal optimization at up to 120 locations on Federal Aid Roads (2018 P. 13)	0	Grand Rapids	0	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
Signal Detection	Signal detection installation or upgrades at various locations	0	Grand Rapids	0	$ 160,000.00	$ 40,000.00	$ 200,000.00	Exempt
Clean Air Action Days	Areawide	Areawide	GVMC	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Replacement 40' Buses/CNG	Areawide	Replacement buses (3)	ITP	0	$ 1,240,000.00	$ 360,000.00	$ 1,600,000.00	Exempt
Rideshare	Areawide	Rideshare program	ITP	0	$ 120,120.00	$ 30,030.00	$ 150,150.00	Exempt
Replacement VanPool Vans	Areawide	4 Replacement VanPool Vans	ITP	0	$ 100,000.00	$ 25,000.00	$ 125,000.00	Exempt
Clean Air Action Days	Areawide	Free Rides On Clean Air Action Days	ITP	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Buttermilk Creek Pathway	Oak Street to Prospect Street	Shared Use Path	Hudsonville	0	$ 100,000.00	$ 25,000.00	$ 125,000.00	Exempt
TOTAL:					**$ 2,560,120.00**	**$ 690,030.00**	**$ 3,250,150.00**	

FY2018 CMAQ MDOT

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
M-44	At Leonard Street	Extend Dual Left Turn Lanes	MDOT		$ 409,250	$ 90,750	$ 500,000	Exempt
I-96 WB	At M-21	Weave-Merge lane and add M-21 WB Off ramp	MDOT		$ 450,175	$ 99,825	$ 550,000	Exempt
I-96 WB	At M-21	Weave-Merge lane and add M-21 WB Off ramp	MDOT		$ 245,550	$ 54,450	$ 300,000	Exempt
I-96 EB	At M-21	Weave-Merge lane and add M-21 EB On Ramp	MDOT		$ 245,550	$ 54,450	$ 300,000	Exempt
I-196 EB	At Fuller Avenue	Fuller Avenue On-Ramp Extension	MDOT		$ 634,338.00	$ 140,662.00	$ 775,000.00	Exempt
I-196 WB	At M-11 East to I-196 BR	Extension of the WB Decel Off Ramp	MDOT		$ 119,550.00	$ 26,510.00	$ 146,060.00	Exempt
I-196 WB	At M-11 East to I-196 BR	Extension of the WB Decel Off Ramp	MDOT		$ 44,150.00	$ 9,790.00	$ 53,940.00	Exempt
TOTAL:					**$ 2,148,563**	**$ 476,437**	**$ 2,625,000**	

FY2018 ITS Set-Aside

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
WMTOC Operations	Areawide	ITS Control Room Operations	MDOT		$ 440,000	$ 110,000	$ 550,000	Exempt
ITS Device Operations and Mainten	Areawide	ITS Device Operations and Maintenance	MDOT		$ 632,000	$ 158,000	$ 790,000	Exempt
ITS Operations	Regional Signal System TMS Operations	Regional Signal System TMS Operations	Grand Rapids		$ 480,000	$ 120,000	$ 600,000	Exempt
TOTAL:					**$ 2,032,000.00**	**$ 508,000.00**	**$ 2,540,000.00**	

Draft FY2017-2020 TIP Projects

FY2019

FY2019 STP-U (78.5%/21.5%)

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
32nd Avenue	Byron Road to Quincy Street	Resurface & construct various left turn lanes	OCRC	2.1	$ 824,250.00	$ 225,750.00	$ 1,050,000.00	Exempt
Ivanrest Ave	Prairie to 44th	Full depth overlay ADA ramp upgrades	Grandville	1.49	$ 1,020,500.00	$ 279,500.00	$ 1,300,000.00	Exempt
North Main St.	Lewis to Division	Mill & Fill	Rockford	3150'	$ 121,675.00	$ 33,325.00	$ 155,000.00	Exempt
Sparks/Forest Hill	East Paris to Burton	Pulverize and Repave	Kentwood	0.8	$ 588,750.00	$ 161,250.00	$ 750,000.00	2 CMAQ projects associated
Van Buren Street	Balsam Drive to 36th Avenue	reconstruction	Hudsonville	0.49	$ 293,590.00	$ 80,410.00	$ 374,000.00	Exempt
GVMC	Planning Studies	Studies	GVMC	n/a	$ 150,000.00	$ 37,500.00	$ 187,500.00	Exempt
Kraft Ave	36th St to 28th St	Resurface	KCRC	1	$ 785,000.00	$ 215,000.00	$ 1,000,000.00	Exempt
6 Mile Rd	Walker Ave to Alpine Ave	Resurface	KCRC	2	$ 471,000.00	$ 129,000.00	$ 600,000.00	Exempt
7 Mile Rd	Fruit Ridge Ave to Bristol Ave	Resurface	KCRC	3	$ 706,500.00	$ 193,500.00	$ 900,000.00	Exempt
Byron Center Ave	92nd St to 84th St	Resurface	KCRC	1	$ 628,000.00	$ 172,000.00	$ 800,000.00	Exempt
Michigan Street	Leffingwell Avenue to Greenwich Road	Rotomill/resurface	Grand Rapids	0.37	$ 215,875.00	$ 59,125.00	$ 275,000.00	Exempt
Eastern Avenue	Hall Street to Franklin Street	Rotomill/resurface	Grand Rapids	0.63	$ 294,375.00	$ 80,625.00	$ 375,000.00	Exempt
Alger Street	Kalamazoo Avenue to Plymouth Avenue	Rotomill/resurface	Grand Rapids	0.48	$ 255,125.00	$ 69,875.00	$ 325,000.00	Exempt
7th Street	Collindale Avenue to Covell Avenue	Rotomill/resurface	Grand Rapids	0.61	$ 447,450.00	$ 122,550.00	$ 570,000.00	Exempt
Broadway Avenue	Bridge Street to Leonard Street	Rotomill/resurface	Grand Rapids	0.991	$ 439,600.00	$ 120,400.00	$ 560,000.00	Exempt
Alger Street	Eastern Avenue to Kalamazoo Avenue	Reconstruction	Grand Rapids	0.73	$ 981,250.00	$ 268,750.00	$ 1,250,000.00	Exempt
TOTAL:					**$ 8,222,940.00**	**$ 2,248,560.00**	**$ 10,471,500.00**	

FY2019 FLEX

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
54th St	Haughey Ave to US-131	Add 3rd WB Lane	Wyoming	0.6	$ 1,326,485.00	$ 331,621.00	$ 1,658,106.00	Exempt
TOTAL:					**$ 1,326,485.00**	**$ 331,621.00**	**$ 1,658,106.00**	

FY2019 NHPP

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Division Avenue	Wealthy Street to Cherry Street	Reconstruction	Grand Rapids	0.25	$ 735,939.00	$ 183,985.00	$ 919,924.00	Exempt
TOTAL:					**$ 735,939.00**	**$ 183,985.00**	**$ 919,924.00**	

FY2019 EDF-C

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
54th St - US-131 Intersection	54th St Offramp & Meijer Access Dr	Construct Access Dr into Meijer	Wyoming	0.1	$ 1,001,277.00	$ 250,319.00	$ 1,251,596.00	Exempt
TOTAL:					**$ 1,001,277.00**	**$ 250,319.00**	**$ 1,251,596.00**	

FY2019 STP-Rural

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
13 Mile Road	Kenowa Avenue to Fruit Ridge Ave	Reconstruct Existing	KCRC	1	$ 805,304.00	$ 394,696.00	$ 1,200,000.00	Exempt
TOTAL:					**$ 805,304.00**	**$ 394,696.00**	**$ 1,200,000.00**	

FY2019 CMAQ

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Patterson Avenue & 44th Street	750 feet north and west	Dual Lt-Turn Lanes	KCRC/Kentwood	0.33	$ 600,000.00	$ 150,000.00	$ 750,000.00	split the funding half paid by each
Add 2 right turn lanes on Forest Hil	Burton Intersection	Add 2 right turn lanes on Forest Hill	Kentwood	0.1	$ 200,000.00	$ 50,000.00	$ 250,000.00	Construct with Sparks/Forest Hill STP project
Add 1 right turn lane on East Paris	Sparks Intersection	Add1 right turn lane on East Paris	Kentwood	0.1	$ 100,000.00	$ 25,000.00	$ 125,000.00	Construct with Sparks/Forest Hill STP project
Signal Optimization	Signal optimization at up to 120 locations on Federal Aid Roads (2019 P. 14)	0	Grand Rapids	0	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
Signal Communications	Signal communication upgrades, including fiber, at various locations	0	Grand Rapids	0	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
Clean Air Action Days	Areawide	Areawide	GVMC	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Replacement 40' Buses/CNG	Areawide	Replacement buses (3)	ITP	0	$ 720,000.00	$ 180,000.00	$ 900,000.00	Exempt
Rideshare	Areawide	Rideshare program	ITP	0	$ 126,060.00	$ 31,515.00	$ 157,575.00	Exempt
Replacement VanPool Vans	Areawide	4 Replacement VanPool Vans	ITP	0	$ 100,000.00	$ 25,000.00	$ 125,000.00	Exempt
Clean Air Action Days	Areawide	Free Rides On Clean Air Action Days	ITP	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Go Buses	Areawide	1 Replacement Go Bus	ITP	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
TOTAL:					**$ 2,566,060.00**	**$ 641,515.00**	**$ 3,207,575.00**	

FY2019 CMAQ MDOT

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
I-96 EB	At M-21	Weave-Merge lane and add M-21 EB On Ramp	MDOT		$ 286,475.00	$ 63,525.00	$ 350,000.00	Exempt
TOTAL:					**$ 286,475.00**	**$ 63,525.00**	**$ 350,000.00**	

FY2019 ITS Set-Aside

WMTOC Operations	Areawide	ITS Control Room Operations	MDOT		$ 460,000	$ 115,000	$ 575,000	Exempt
ITS Device Operations and Mainten	Areawide	ITS Device Operations and Maintenance	MDOT		$ 664,000	$ 166,000	$ 830,000	Exempt
ITS Operations	Regional Signal System TMS Operations	Regional Signal System TMS Operations	Grand Rapids		$ 512,000.00	$ 128,000.00	$ 640,000.00	Exempt
TOTAL:					**$ 1,636,000.00**	**$ 409,000.00**	**$ 2,045,000.00**	

Draft FY2017-2020 TIP Projects

FY2020

FY2020 STP-U (80%/20%)

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Lake Drive	Carlton Avenue to ECL	Rotomill/resurface	Grand Rapids	0.37	$ 400,000.00	$ 100,000.00	$ 500,000.00	Exempt
Eastern Avenue	Ardmore Street to Oakdale Street	Rotomill/resurface	Grand Rapids	0.63	$ 500,000.00	$ 125,000.00	$ 625,000.00	Exempt
Market Avenue	Frontage Street to 200' W. of Plaster Creek and Coit Avenue to Market Avenue	Rotomill/resurface	Grand Rapids	0.96	$ 600,000.00	$ 150,000.00	$ 750,000.00	Exempt
Madison Avenue	Franklin Street to Wealthy Street	Rotomill/resurface	Grand Rapids	0.5	$ 384,000.00	$ 100,000.00	$ 480,000.00	Exempt
Ottawa Avenue	Fulton Street to Michigan Street	Rotomill/resurface; Remove slip lane	Grand Rapids	0.53	$ 284,000.00	$ 75,000.00	$ 355,000.00	Exempt
Alger Street	Madison Avenue to Eastern Avenue	Reconstruction/rotomill/resurface	Grand Rapids	0.25	$ 532,000.00	$ 135,000.00	$ 665,000.00	Exempt
Madison Avenue	28th Street to Alger Street	Rotomill/resurface	Grand Rapids	0.32	$ 284,000.00	$ 75,000.00	$ 355,000.00	Exempt
Walker Avenue	Stocking Avenue to Leonard Street	Rotomill/resurface	Grand Rapids	1.07	$ 580,000.00	$ 150,000.00	$ 725,000.00	Exempt
Hall Street	Kalamazoo Avenue to Fuller Avenue	Reconstruction	Grand Rapids	0.29	$ 400,000.00	$ 100,000.00	$ 500,000.00	Exempt
Hall Street	Division Avenue to Jefferson Avenue	Rotomill/resurface	Grand Rapids	0.17	$ 100,000.00	$ 25,000.00	$ 125,000.00	Exempt
Hall Street	Fuller Avenue to Colorado Avenue	Reconstruction	Grand Rapids	0.3	$ 400,000.00	$ 100,000.00	$ 500,000.00	Exempt
44th Street/Port Sheldon Street	Chicago Drive to 8th Avenue	Resurface existing 55' and 44' widths	OCRC	1.69	$ 400,000.00	$ 440,000.00	$ 840,000.00	Exempt
14th Ave/ Port Sheldon Street	44th Street to Main Street	Resurface existing 30' width	OCRC	2.38	$ 600,000.00	$ 450,000.00	$ 1,050,000.00	Exempt
84th St	Kalamazoo Ave to Breton Ave	Reconstruct	KCRC	1	$ 1,120,000.00	$ 280,000.00	$ 1,400,000.00	Exempt
52nd	Broadmoor to Patterson	Mill and Fill	Kentwood	0.93	$ 500,000.00	$ 125,000.00	$ 625,000.00	Exempt
Byron Center Ave	South City Limit to 44th St	Rotomill/Resurface	Wyoming	2	$ 440,000.00	$ 110,000.00	$ 550,000.00	split fund source - NHPP
Leonard Street - Wilson to Kinney	Wilson to Kinney	resurface	Walker	0.5	$ 320,000.00	$ 80,000.00	$ 400,000.00	Exempt
GVMC	Planning Studies	Studies	GVMC	n/a	$ 150,000.00	$ 37,500.00	$ 187,500.00	Exempt
TOTAL:					**$ 7,994,000.00**	**$ 2,657,500.00**	**$ 10,632,500.00**	

FY2020 FLEX

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Spaulding	Ada to Cascade	Reconstruct/Widen	KCRC	0.5	$ 640,000.00	$ 160,000.00	$ 800,000.00	Exempt
Alden Nash Avenue	South of Segwun Ave to Grand River Dr	Widen to 3 Lanes	KCRC	0.5	$ 713,014.00	$ 178,254.00	$ 891,268.00	Exempt
TOTAL:					**$ 1,353,014.00**	**$ 338,254.00**	**$ 1,691,268.00**	

FY2020 NHPP

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Byron Center Ave	South City Limit to 44th St	Rotomill/Resurface	Wyoming	2	$ 750,658.00	$ 187,665.00	$ 938,323.00	Split fund source - STP-U
TOTAL:					**$ 750,658.00**	**$ 187,665.00**	**$ 938,323.00**	

FY2020 EDF-C

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
84th St	Division Ave to Eastern Ave	Reconstruct to 3 lane	KCRC	1	$ 1,021,303.00	$ 255,326.00	$ 1,276,629.00	Exempt
TOTAL:					**$ 1,021,303.00**	**$ 255,326.00**	**$ 1,276,629.00**	

FY2020 STP-Rural

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Fruit Ridge Avenue	6 Mile Road to 7 Mile Road	Reconstruct Existing	KCRC	1.00	$ 821,410.00	$ 378,590.00	$ 1,200,000.00	Exempt
TOTAL:					**$ 821,410.00**	**$ 378,590.00**	**$ 1,200,000.00**	

FY2020 CMAQ

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
Byron Center Ave	44th Street	Add NB RT Only Lane	Wyoming	0.1	$ 160,000.00	$ 40,000.00	$ 200,000.00	Exempt
2 right turn lanes at Burton/East Pa	Burton/East Paris Intersection	Add right turn lanes on NE and NW quads	Kentwood	0.1	$ 208,000.00	$ 52,000.00	$ 260,000.00	Exempt
Signal Optimization	Signal optimization at up to 120 locations on Federal Aid Roads (2020 P. 14)	0	Grand Rapids	0	$ 240,000.00	$ 60,000.00	$ 300,000.00	Exempt
Signal Detection	Signal detection installation or upgrades at various locations	0	Grand Rapids	0	$ 160,000.00	$ 40,000.00	$ 200,000.00	Exempt
Clean Air Action Days	Areawide	Areawide	GVMC	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Replacement 40' Buses/CNG	Areawide	Replacement buses (3)	ITP	0	$ 1,070,000.00	$ 360,000.00	$ 1,430,000.00	Exempt
Rideshare	Areawide	Rideshare program	ITP	0	$ 132,363.00	$ 33,091.00	$ 165,454.00	Exempt
Replacement VanPool Vans	Areawide	4 Replacement VanPool Vans	ITP	0	$ 100,000.00	$ 25,000.00	$ 125,000.00	Exempt
Clean Air Action Days	Areawide	Free Rides On Clean Air Action Days	ITP	0	$ 80,000.00	$ 20,000.00	$ 100,000.00	Exempt
Three Mile at Walker - Dual Left	Three Mile & Walker Ave	Construct dual left turns for eastbound to northbound	Walker	0	$ 320,000.00	$ 480,000.00	$ 800,000.00	Exempt
TOTAL:					**$ 2,550,363.00**	**$ 1,130,091.00**	**$ 3,680,454.00**	

FY2020 CMAQ MDOT

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
I-96 WB	At M-21	Weave-Merge lane and add M-21 WB Off ramp	MDOT		$ 1,526,503.00	$ 338,497.00	$ 1,865,000.00	
TOTAL:					**$ 1,526,503.00**	**$ 338,497.00**	**$ 1,865,000.00**	

FY2020 ITS Set-Aside

PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION	LENGTH	FEDERAL/STATE	NON-FED	TOTAL	COMMENTS
WMTOC Operations	Areawide	ITS Control Room Operations	MDOT		$ 460,000	$ 115,000	$ 575,000	Exempt
ITS Device Operations and Mainten	Areawide	ITS Device Operations and Maintenance	MDOT		$ 664,000	$ 166,000	$ 830,000	Exempt
ITS Operations	Regional Signal System TMS Operations	Regional Signal System TMS Operations	Grand Rapids		$ 528,000.00	$ 132,000.00	$ 660,000.00	Exempt
TOTAL:					**$ 1,652,000.00**	**$ 413,000.00**	**$ 2,065,000.00**	

ILLUSTRATIVE LIST

STP-U Pool of Projects Unfunded

Year Proposed	PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION
	Cottonwood Drive	Taylor Street to Baldwin Street	Resurface	OCRC
	36th Avenue	Port Sheldon St to Fillmore St	Resurface	OCRC
	Port Sheldon Street	44th Street to Main Street	Resurface	OCRC
	Byron Road	24th Avenue to Kenowa Avenue	Resurface	OCRC
	68th Avenue	M-45 to Grand River	Resurface	OCRC
	Leonard Street	48th Avenue to 24th Avenue	Resurface	OCRC
	Whitneyville	68th to 84th	Resurface	KCRC
	10 Mile Rd.	Pine Island to Algoma	Reconstruct	KCRC
	Whitneyville Ave.	Cascade Rd. to 68th St.	Resurface	KCRC
	Byron Center	68th to City Limit	Resurface	KCRC
	3 Mile Road	East Beltline to Grand River Drive	Resurface	KCRC
	Rogue River Road	West River Dr to Belmont Ave	Resurface	KCRC
	Rogue River Road	Belmont Avenue to Wolverine Blvd	Resurface	KCRC
	Cascade Road	Whitneyville Avenue to Snow Ave	Resurface	KCRC
	Burton Street	Kraft Avenue to Cascade Road	Resurface	KCRC
	West River Drive	Laramie Drive to Pine Island Drive	Resurface	KCRC
	Kalamazoo Avenue	68th Street to 60th Street	Resurface	KCRC
	76th Street	Clyde Park Ave to Division Avenue	Resurface	KCRC
	Fruit Ridge Avenue	4 Mile Road to 6 Mile Road	Resurface	KCRC
	Wolverine BLVD.	10 Mile Road to 11 Mile Road	Resurface	KCRC
	Knapp Street	E. City limits to East Beltline	Resurface	KCRC
	Fruit Ridge Avenue	4 Mile Road to 6 Mile Road	Resurface	KCRC
	Lamoreaux Dr	Alpine Ave to W. River Dr	Resurface	KCRC
	5 Mile Rd	Sawkaw Dr and East Beltline Ave	Resurface	KCRC
	Wolverine Blvd	11 Mile Rd to 12 Mile Rd	Resurface	KCRC
	40th Avenue	New Holland Street to Van Buren Street	Resurface/reconstruction	Hudsonville
	Van Buren Street	40th Avenue to 36th Avenue	Reconstruction	Hudsonville
	Burton Street	Patterson to F. Hill Avenue	Rotomill/resurface with re-design lane striping	Kentwood
	Burton Street	F. Hill Avenue to East Paris Avenue	Rotomill/resurface with re-design lane striping	Kentwood
	29th Street	East Paris Ave to Lake Eastbrook Blvd	Rotomill/resurface	Kentwood
	29th Street	M-37 to Shaffer Avenue	Rotomill/resurface	Kentwood
	29th Street	Radcliff Avenue to the City Limits	Rotomill/resurface	Kentwood
	29th Street	Shaffer Avenue to Radcliff Avenue	Rotomill/resurface	Kentwood
	32nd Street	Shaffer Avenue to Breton Avenue	Rotomill/resurface	Kentwood
	48th Street	Division Avenue to Eastern Avenue	Rotomill/resurface	Kentwood
	52nd Street	East Paris Ave to M-37 (Broadmoor)	Rotomill/resurface	Kentwood
	52nd Street	Kalamazoo Ave to Breton Ave	Rotomill/resurface	Kentwood
	East Paris Avenue	28th Street to 29th Street	Rotomill/resurface	Kentwood
	East Paris Avenue	M-37 to 40th Street	Rotomill/resurface	Kentwood
	Jefferson Avenue	44th Street to the City Limits	Rotomill/resurface	Kentwood
	Radcliff Avenue	28th Street to 29th Street	Rotomill/resurface	Kentwood
	Shaffer Avenue	32nd Street to North of 36th Street	Rotomill/resurface	Kentwood
	East Paris	28th to 29th including intersection	Full depth concrete	Kentwood
	Division Avenue	28th Street to Burton Street	Rotomill/resurface	City of GR/Wyoming
	Eastern Avenue	36th Street to 28th Street	Rotomill/resurface	City of GR/Wyoming
	Division Avenue	Franklin Street to Wealthy Street	Rotomill/resurface	City of GR
	Hall Street	Steele Avenue to Buchanan Avenue	Concrete Slab Replacement	City of GR
	Leonard Street	Remembrance Road to Collindale Avenue	Rotomill/resurface	City of GR
	Michigan Street	Greenwich to East Beltline	Rotomill/resurface	City of GR
	Lyon Street	Monroe Avenue to Division Avenue	Rotomill/resurface	City of GR
	Market Avenue	I-196 to Freeman Avenue	Rotomill/resurface	City of GR
	Ottawa Avenue	Oakes Street to Fulton Street	Rotomill/resurface	City of GR
	Ottawa Avenue	Fairbanks Street to Monroe Avenue	Reconstruction	City of GR
	Ottawa Avenue	Michigan St to Fairbanks St		
	Richmond Street	WCL to Bristol Avenue	Reconstruction/rotomill/resurface	City of GR
	State Street	Lafayette Avenue to Madison Avenue	Reconstruction	City of GR
	Wealthy Street	Fuller Avenue to ECL	Reconstruction	City of GR
	Knapp Street	Plainfield Avenue to Fuller Avenue	Reconstruction	City of GR
	Hall Street	Colorado Avenue to Sylvan Avenue	Reconstruction	City of GR
	3 Mile Road	Coit Avenue to ECL	Reconstruction	City of GR
	Alger Street	Division Avenue to Madison Avenue	Rotomill/resurface	City of GR
	Ann Street	Monroe Avenue to Plainfield Avenue	Reconstruction	City of GR
	Bridge Street	Mt. Mercy Drive to Valley Avenue	Reconstruction	City of GR
	Century Avenue	Burton Street to Hall Street	Reconstruction	City of GR
	Collindale Avenue	Lake Michigan Drive to Leonard Street	Reconstruction	City of GR
	Covell Avenue	Fulton Street to Bridge Street	Rotomill/resurface	City of GR
	Godfrey Avenue	WCL to Market Avenue	Reconstruction	City of GR
	Lake Eastbrook Boulevard	East Beltline to 28th Street	Reconstruction	City of GR
	Walker Avenue	NCL to Sharp Drive	Rotomill/resurface	City of GR
	29th Street	Breton Avenue to ECL	Rotomill/resurface	City of GR
	Boston Street	Fuller Avenue to Plymouth Avenue	Rotomill/resurface	City of GR
	Buchanan Avenue	Burton Street to Hall Street	Reconstruction	City of GR
	Cherry Street	Madison Avenue to Eastern Avenue	Rotomill/resurface	City of GR
	Dean Lake Avenue	Knapp Street to NCL	Rotomill/resurface	City of GR
	Diamond Avenue	Michigan Street to Leonard Street	Rotomill/resurface/reconstruction	City of GR
	Franklin Street	Fuller Avenue to ECL	Rotomill/resurface	City of GR
	Leffingwell Avenue	Leonard Street to NCL	Rotomill/resurface	City of GR
	Maryland Avenue	I-196 to Leonard Street	Rotomill/resurface	City of GR
	Newberry Street	Monroe Avenue to Division Avenue	Reconstruction	City of GR
	Oakleigh Avenue	Lake Michigan Drive to Leonard Street	Reconstruction	City of GR
	Perkins Avenue	Leonard Street to Knapp Street	Reconstruction	City of GR
	Robinson Road	Lake Drive to ECL	Rotomill/resurface	City of GR

Scribner Avenue	Pearl Street to Michigan Street	Rotomill/resurface	City of GR
Scribner Avenue	4th Street to Leonard Street	Rotomill/resurface	City of GR
Valley Avenue	Butterworth Street to Lake Michigan Drive	Reconstruction	City of GR
Lafayette Avenue	Fulton Street to Michigan Street	Reconstruction	City of GR
Mt. Vernon Avenue	Fulton Street to Bridge Street	Reconstruction/rotomill/resurface	City of GR
Jefferson Avenue	Highland Street to Logan Street	Reconstruction/rotomill/resurface	City of GR
Diamond Avenue	Leonard Street to Aberdeen Street	Reconstruction/rotomill/resurface	City of GR
Diamond Avenue	Wealthy Street to Lake Drive	Reconstruction	City of GR
Michigan Street	Ottawa Avenue to Barclay Avenue	CPM	City of GR
Scribner Avenue	6th Street to 11th Street	Rotomill/resurface	City of GR
Ball Avenue and Olson Street	Michigan St to Olson St and Ball Ave to Plymouth Ave	Rotomill/resurface	City of GR
Ball Avenue and Service Drive	Service Drive to Mason Street and Cedar Street to Leonard Street and from Ball Avenue to Plymouth Avenue	Rotomill/resurface	City of GR
Ionia Avenue	Michigan Street to I-196 WB On-Ramp	Reconstruction	City of GR
Butterworth Drive	Vet's Memorial to Wilson	Resurface	City of Walker
Center& Weatherfor Roundabout	Center Drive / Weatherford Drive	Construct roundabout / remove signal	City of Walker
3 Mile Road	Bristol Ave to West of Walker Ave	TBD	City of Walker
Alpine Avenue	Ann Street to Hillside Drive	TBD	City of Walker
Alpine Avenue	Hillside Drive to 3 Mile Road	TBD	City of Walker
Center Drive	M-37 to M-37	TBD	City of Walker
Fruit Ridge Avenue	3 Mile Road to 4 Mile Road	TBD	City of Walker
Hillside Drive	Alpine Avenue to West River Drive	TBD	City of Walker
Leonard Street	Kinney Avenue to Remembrance Rd	TBD	City of Walker
North Park Street	City Limits to West River Drive	TBD	City of Walker
Remembrance Road	Richmond St to Walker Village Dr	TBD	City of Walker
Remembrance Road	Wilson Avenue to Richmond Street	TBD	City of Walker
Walker Avenue	3 Mile Road to I-96 EB Ramps	TBD	City of Walker
Walker Avenue	North Ridge Drive to 4 Mile Road	TBD	City of Walker
Walker Avenue	Sharp Drive to Waldorf Street	TBD	City of Walker
West River Drive	Hillside Drive to Turner Avenue	TBD	City of Walker
West River Drive	Turner Avenue to Bertha Avenue	TBD	City of Walker
Wilson Avenue	Remembrance Road to 3 Mile Road	TBD	City of Walker
Plymouth Avenue	Hall Street to Franklin	Rotomill/resurface	East Grand Rapids
Lake Drive	Hall Street to ECL	Rotomill/resurface	East Grand Rapids
Franklin Street/San Lu Rae Dr	WCL to Lake Drive	Rotomill/resurface	East Grand Rapids
Wealthy Street	Sherman to Lovett	Rotomill/resurface	East Grand Rapids
Lake Drive	WCL to Plymouth	Rotomill/resurface	East Grand Rapids
Lake Drive	Plymouth to Bagley	Rotomill/resurface	East Grand Rapids
Lakeside Drive	Wealthy to Lake	Rotomill/resurface	East Grand Rapids
Breton Road	SCL to Hall	Rotomill/resurface	East Grand Rapids
Hall Street	Sylvan Avenue to Hutchinson Avenue (extended)	Rotomill/resurface	EGR/Grand Rapids
Hall Street	Plymouth to Breton	Rotomill/resurface	East Grand Rapids
44th Street	West City Limit to Clyde Park Ave	Rotomill/resurface	Wyoming
Eastern Avenue	400' North of 44th Street to 36th Street	Rotomill/resurface	Wyoming/GR
Michael Avenue	36th Street to Prairie Parkway	Resurface	Wyoming
36th Street	WCL to Clyde Park Avenue	Resurface	Wyoming
Canal Ave	44th to South C/L	Overlay, ADA ramp upgrades	Grandville
36th Street	Canal to Kenowa	Overlay, ADA ramp upgrades	Grandville
Wilson Ave	Rivertown PKWY to South C/L	Overlay, ADA ramp upgrades	Grandville
East Main St.	East Main St. from Northland Dr. to Lewis	Mill & Fill	Rockford
Northland Dr.	Northland Dr. to Lincoln st.	Mill & Fill	Rockford

CMAQ Pool of Unfunded Projects

Year Proposed	PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION
	54th Street @ US-131 AC	Intersection	Interchange/ramp/intersection modifications	Wyoming
	East Paris Avenue @ 28th Street	Intersection	Right Turn Lane to NB East Paris to EB 28th Street	Kentwood
	Non Motorized Facility	Over I-96 near existing Forest Hill Bridge - separate structure	Construction of Non-Motorized facility	City of Kentwood

NHPP Pool of Projects Unfunded

Year Proposed	PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION
	Fruitridge over I-96	Bridge over I-96	Reconstruct and widen bridge	Walker/MDOT

EDF-C Pool of Projects Unfunded

Year Proposed	PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION
	Cascade Rd.	Hall St. to Burton St.	Reconstruct 4 to 5 lanes	KCRC
	68th St.	Plaza Center Ave to Leisure Creek Dr.	Reconstruct 4 to 5 lanes	KCRC

STP-Rural Pool of Projects Unfunded

Year Proposed	PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION
	Lincoln Lake	6-Mile to 7-Mile	Reconstruct	KCRC
	6 Mile	Walker to Fruit Ridge	Resurface	KCRC
	7 Mile	Alpine to Bristol	Resurface	KCRC
	Lincoln Lake	5-Mile to 6-Mile	Resurface	KCRC

TAP Pool of Projects Unfunded

Year Proposed	PROJECT	LIMITS	PROJECT SCOPE	JURISDICTION
	Grand River Walkway	Canal Street Park to Leonard Street and east to Monroe Ave.	Non Motorized path	Grand Rapids
	Lyon Street Bikeway	Grand River to Plymouth Ave	Two way bicycle track and other	Grand Rapids
	Plaster Creek Non-Motorized Trail	Division to Buchanan	Non-motorized on street bike facilities	Grand Rapids
	Myers Lake Rd Recreation Trail	10 Mile to 12 Mile Road	Non-Motorized Trail	KCRC
	Courtland Connector	White Pine Tr. To Luton Park	Non-motorized Trail	KCRC
	White Pine Tail Surfacing	M-46	Limestone paving, bridge and culvert improvement	DNR

PROPOSED MDOT PROJECTS GVMC FY-2017-2020 TIP

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Phase Cost ($1000s)	MDOT Job No.	Total Project Cost ($1000s)	Let Date	GPA
2017	KENT	MDOT	US-131 NB	over White Creek Avenue	0.28	Restore & rehabilitate	Deep Overlay, Rail Replace, Pin & Hanger Replace	CON	668	NH	148	M	0		817	123141	907	02/03/17	Trunkline Bridge 3R
2017	KENT	MDOT	US-131 SB	over White Creek Avenue	0.44	Restore & rehabilitate	Deep Overlay, Barrier Repair, Pin & Hanger Replace	CON	663	NH	147	M	0		810	123142	900	02/03/17	Trunkline Bridge 3R
2017	KENT	MDOT	US-131	under 84th Street	0.11	Bridge - other	Deck Patch, Epoxy Overlay, Joints	CON	273	NH	60	M	0		333	123137	430	01/13/17	Trunkline Bridge Preservation
2017	KENT	MDOT	US-131	under M-46 (17 Mile Road)	0.35	Bridge - other	Deck Patch, Epoxy Overlay, Pin & Hangers	CON	534	NH	118	M	0		652	123139	744	02/03/17	Trunkline Bridge Preservation
2017	KENT	MDOT	M-44	Wolverine Blvd east to Blakely Dr	1.04	Reconstruct	Reconstruct	CON	1,941	ST	431	M	0		2,372	112067	2,630	12/02/16	Trunkline Highway 3R
2017	KENT	MDOT	M-21	M-37 east to I-96	0.87	Restore & rehabilitate	Concrete Joint Repairs & Diamond Grinding	CON	642	NH	142	M	0		784	105481	904	11/03/17	Trunkline Highway 3R
2017	KENT	MDOT	M-21	M-37 east to I-96	0.87	Restore & rehabilitate	Concrete Joint Repairs & Diamond Grinding	PE	98	NH	22	M	0		120	105481	904	11/03/17	Trunkline Highway 3R
2017	KENT	MDOT	M-37	Sparta Avenue north to M-46/M-37 Roundabout	10.08	Resurface	Micro-Cold Milling, Chip Seal & HMA Overlay	CON	2,842	ST	630	M	0		3,472	122658	3,497	02/03/17	Trunkline Highway Preservation
2017	KENT	MDOT	US-131 SB	M-11 North to I-96 WB / M-45 East to Fuller	10.74	Miscellaneous	Upgrade Luminaire Heads to LED	CON	545	NH	121	M	0		666	123339	783	02/03/17	Trunkline Roadside Infrastructure Improvement
2017	KENT	MDOT	M-44	Blakely Drive east to Myers Lake Avenue	1.61	Traffic ops/safety	Add Center Left Turn Lane	CON	1,556	HSIP	173	M	0		1,729	118178	1,879	12/02/16	Trunkline Traffic Operations or Safety
2017	KENT	MDOT	M-11	Various	0.30	Traffic ops/safety	Signal Modernization for 15 Signals in Grand Regio	CON	2,024	STG	0		0		2,024	119771	2,552	09/01/17	Trunkline Traffic Operations or Safety (TOS)
2017	KENT	MDOT	US-131 (SB)	10 Mile Road to M-46	7.40	Reconstruct	Reconstruction	CON	17,189	NH	3,812	M	0		21,000	119012	44,711	02/03/17	**TIP Line Item**
2018	KENT	MDOT	US-131 NB	over Cedar Springs Avenue	0.23	Restore & rehabilitate	Deep overlay, pin and hangers, full paint	CON	1,433	NH	318	M	0		1,751	126676	1,994	12/01/17	Trunkline Bridge 3R
2018	KENT	MDOT	I-96 EB	under I-196 WB	0.30	Widen - major (capacity increase)	Replace Bridge and Widen Shoulders	CON	10,800	IM	1,200	M			12,000	126499	12,000	11/02/18	**TIP Line Item**
2018	KENT	MDOT	M-6	under Patterson Avenue	0.11	Bridge - other	Sleeper Slab Replacement	CON	225	NH	50	M	0		275	118904	317	12/01/17	Trunkline Bridge Preservation
2018	KENT	MDOT	M-11	over the CSX RR & Chicago Drive		Bridge - other	Deck patching, epoxy overlay	CON	423	NH	94	M	0		517	128597	598	02/02/18	Trunkline Bridge Preservation
2018	KENT	MDOT	I-96 EB/WB	West River Drive to the Grand River	0.47	Reconstruct	Reconstruction	CON	3,763	IM	418	M	0		4,181	122575	4,481	01/12/18	Trunkline Highway 3R or **TIP Line Item**
2018	KENT	MDOT	M-44	At Leonard Street	0.23	Traffic ops/safety	Extend the dual left turn lanes from south of Leonard Street to the existing.	CON	409	CM	91	M	0		500	113387	566	03/02/18	Trunkline Traffic Operations or Safety
2019	KENT	MDOT	I-196 (EB)	Fuller Ave to I-96	2.05	Reconstruct	Reconstruction	CON	18,000	IM	2,000	M			20,000	45790	21,382	11/02/18	**TIP Line Item**
2018	KENT	MDOT	I-96 WB On-Ramp	At M-44 Connector (Plainfield Ave)		Miscellaneous	Widen and extend WB on-ramp	CON	1,349	HSIP	150	M	0		1,499	117335	1,700	01/12/18	Trunkline TOS
2018	KENT	MDOT	US-131 (NB)	10 Mile Road to M-46 (S Junction)	7.42	Reconstruct	Reconstruction	CON	17,189	NH	3,812	M	0		21,000	117992	44,711	12/01/17	**TIP Line Item**
2018	KENT	MDOT	I-196	I-196 WB over Plymouth Avenue	0.33	Bridge replacement	Bridge replacement, widen, appr repl	CON	2,026	IM	225	M	0		2,251	118558	2,724	11/02/18	**TIP Line Item**
2018	KENT	MDOT	I-96 WB	At M-21		Widen - major (capacity increase)	Complete I-96 WB Weave-Merge lane between Cascade Road and M-21 and add M-21 WB off ramp.	ROW	450	CM	100	M	0		550	123324	2,849	02/07/20	Trunkline TOS

PROPOSED MDOT PROJECTS GVMC FY-2017-2020 TIP

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Phase Cost ($1000s)	MDOT Job No.	Total Project Cost ($1000s)	Let Date	GPA
2018	KENT	MDOT	I-96 WB	At M-21		Widen - major (capacity increase)	Complete I-96 WB Weave-Merge lane between Cascade Road and M-21 and add M-21 WB off ramp.	PE	246	CM	54	M	0		300	123324	2,849	02/07/20	Trunkline TOS
2018	KENT	MDOT	I 96 EB	At M-21		Widen - major (capacity increase)	Complete I-96 EB Weave-Merge lane between M-21 and Cascade Road and add M-21 EB on ramp	PE	246	CM	54	M	0		300	123325	2,665	02/05/21	Trunkline TOS
2018	KENT	MDOT	I-196 WB	I-196/US-131 Ramps		Miscellaneous	Apply High Friction Surface	PE	23	HSIP	3	M	0		25	123922	225	03/01/19	Trunkline TOS
2018	KENT	MDOT	I-196	Fuller Avenue to I-196 EB	0.85	Widen - major (capacity increase)	Project will extend the freeway on ramp from Fuller Avenue to I-196 EB.	CON	634	CM	141	M	0		775	127354	775	11/02/18	Trunkline TOS
2018	KENT	MDOT	I-196	M-11 East 0.74 Miles	1.78	Widen - major (capacity increase)	Extension of the off ramp	PE	120	CM	27	M	0		146	127477	2,950	02/01/22	Trunkline TOS
2018	KENT	MDOT	I-196	M-11 East 0.74 Miles	1.78	Widen - major (capacity increase)	Extension of the off ramp	SUB	44	CM	10	M	0		54	127477	2,950	02/01/22	Trunkline TOS
2018	KENT	MDOT	I-96 EB/WB	over the Grand River	0.38	Restore & rehabilitate	Deep overlay, steel repairs, full paint	CON	5,934	IM	577	M	82	OLF	6,594	128601	7,094	01/12/18	**TIP Line Item**
2018	OTTAWA	MDOT	I-196 WB	32nd Avenue east to Ottawa/Kent County Line	4.87	Reconstruct	Temporary median cross-overs and shoulder widening	CON	1,350	IM	150	M	0		1,500	123333	18,500	03/02/18	**TIP Line Item**
2019	KENT	MDOT	M-21	At Carl Drive	0.13	Traffic ops/safety	Extension of left turn lane	CON	315	HSIP	35	M	0		350	113685	413	01/11/19	Trunkline Traffic Operations or Safety
2019	KENT	MDOT	I 96 EB	At M-21		Widen - major (capacity increase)	Complete I-96 EB Weave-Merge lane between M-21 and Cascade Road and add M-21 EB on ramp.	ROW	286	CM	64	M	0		350	123325	2,665	02/05/21	Trunkline TOS
2019	KENT	MDOT	I-196 WB	I-196/US-131 Ramps		Miscellaneous	Apply High Friction Surface	CON	180	HSIP	20	M	0		200	123922	225	03/01/19	Trunkline TOS
2019	KENT	MDOT	I-96	Thornapple River Dr east to W/ Whitneyville Ave	2.16	Restore & rehabilitate	Concrete Inlay	PE	810	IM	90	M	0		900	128093	14,900	01/08/21	**TIP Line Item**
2019	KENT	MDOT	I-96	Thornapple River Drive east to Whitneyville Road	2.73	Reconstruct	Maintenance of Traffic	CON	1,350	IM	150	M	0		1,500	128096	14,900	11/01/19	**TIP Line Item**
2019	OTTAWA	MDOT	I-196 (WB)	32nd Avenue east to Ottawa/Kent County Line	5.00	Reconstruct	Reconstruction	CON	13,230	IM	1,470	M	0		14,700	118618	18,500	01/11/19	**TIP Line Item**
2019	OTTAWA	MDOT	M-6	Jackson Street east to The East Branch Rush Creek	3.67	Restore & rehabilitate	Concrete Inlay	PE	409	NH	91	M	0		500	128123	10,000	12/04/20	**TIP Line Item**
2020	KENT	MDOT	I-96	I-96: M-37 east to M-44; I-196 @ M-11 Interchange	4.40	Traffic ops/safety	Upgrade to LED	PE	5	IM	1	M	0		6	128768	73	01/08/21	Trunkline Roadside Infrastructure Improvement
2020	KENT	MDOT	I-96 WB	At M-21		Widen - major (capacity increase)	Complete I-96 WB Weave-Merge lane between Cascade Road and M-21 and add M-21 WB off ramp.	CON	1,527	CM	338	M	0		1,865	123324	2,849	02/07/20	Trunkline TOS
2017	Kent/ Ottawa	MDOT	Various	GR TSC Area		N/A	HMA Crack Treatment	CON		ST					575	128671			Trunkline Hwy Preservation
2019	Kent	MDOT	I-196EB	Over M-45 WB Ramp		Restore and Rehabilitate	Shallow Overlay	CON		IM					1,700	109866			Trunkline Bridge 3R
2019	Kent	MDOT	I-196EB	Over M-45		Restore and Rehabilitate	Shallow Overlay	CON		IM					1,700	115798			Trunkline Bridge 3R
2018	Kent	MDOT	I-96EB/WB	Over W. River Dr., US-131, Monroe and Coit Avenues		Restore & rehabilitate	Deck Patch, Painting, & Related Work	CON	880	NH	220	M			1,100	129949			Trunkline Bridge Preservation
2018	Kent/ Ottawa	MDOT	M-6	Jackson Street - Wilson Avenue		Restore & rehabilitate	Restore & Rehab Concret Inlay	CON	8,550	IM	950	M			9,500	128123			**TIP Line Item**
2019	Kent	MDOT	M-6	I-196 to I-96		Miscellaneous	Sign Upgrade	CON	1,800	HSIP	200	M			2,000	129569			Trunkline TOS
2020	OTTAWA	MDOT	I-196EB	32nd Avenue east to Ottawa/Kent County Line		Reconstruct	Reconstruct	CON	12,690	IM	1,410	M			14,100	118616			**TIP Line Item**

PROPOSED MDOT PROJECTS GVMC FY-2017-2020 TIP

Fiscal Year	County	Respon-sible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost ($1000s)	Federal Fund Source	State Cost ($1000s)	State Fund Source	Local Cost ($1000s)	Local Fund Source	Total Phase Cost ($1000s)	MDOT Job No.	Total Project Cost ($1000s)	Let Date	GPA
2017	Kent	MDOT	US-131	76th Street to 44th Street		Restore & rehabilitate	Concrete Joint Reseal	CON	1,040	NH	260	M			1,300	129877			Trunkline Highway Preservation
2017	Kent/ Ottawa	MDOT	Various	Areawide - GPA		GPA	Trunkline Bridge Preservation	Var							1,500				Trunkline Bridge Preservation
2017	Kent/ Ottawa	MDOT	Various	Areawide - GPA		GPA	Trunkline Bridge Rehab & Reconstruct (3R)	Var							2,000				Trunkline Bridge Rehab & Reconstruct (3R)
2017	Kent/ Ottawa	MDOT	Various	Areawide - GPA		GPA	Trunkline Highway 3R	Var							3,800				Trunkline Highway 3R
2017	Kent/ Ottawa	MDOT	Various	Areawide - GPA		GPA	Trunkline Highway Preservation	Var							5,000				Trunkline Highway Preservation
2017	Kent/ Ottawa	MDOT	Various	Areawide - GPA		GPA	Trunkline Highway Traffic Operation/Safety (TOS)	Var							6,000				Trunkline Highway Traffic Operation/Safety (TOS)
2017	Kent/ Ottawa	MDOT	Various	Areawide - GPA		GPA	Trunkline Roadside Infrastructure Improvement	Var							800				Trunkline Roadside Infrastructure Improvement

Five Year Capital Plan
ITP/*The Rapid*
24-Feb-16

Description		Federal				Federal				Federal				Federal		
Section 5307		**FY2017**	**State**	**Total**		**FY2018**	**State**	**Total**		**FY2019**	**State**	**Total**		**FY2020**	**State**	**Total**
A&E		88,000	22,000	110,000		89,760	22,440	112,200		91,555	22,889	114,444		93,386	23,347	116,733
Associated Capital Maintenance		770,440	192,610	963,050		785,849	196,462	982,311		801,566	200,391	1,001,957		817,597	204,399	1,021,996
Bus Stop Signs		8,800	2,200	11,000		8,976	2,244	11,220		9,155	2,289	11,444		9,338	2,335	11,673
Bus Tire Lease		362,560	90,640	453,200		369,811	92,453	462,264		377,207	94,302	471,509		384,751	96,188	480,939
Capital Cost of Contracting		670,736	167,684	838,420		684,150	171,038	855188		697,834	174,458	872,292		711,790	177,948	889,738
Computer Hardware		120,000	30,000	150,000		122,400	30,600	153,000		124,848	31,212	156,060		127,345	31,836	159,181
Computer Software		80,000	20,000	100,000		81,600	20,400	102,000		83,232	20,808	104,040		84,897	21,224	106,121
CNG Fueling Station		0	0	0		0	0			0	0			0	0	
Accounting/Purchasing Software		280,000	70,000	350,000		285,600	71,400	357,000		291,312	72,828	364,140		297,138	74,285	371,423
Facility Equipment		88,000	22,000	110,000		89,760	22,440	112,200		91,555	22,889	114,444		93,386	23,347	116,733
Informational Displays		8,000	2,000	10,000		8,160	2,040	10,200		8,323	2,081	10,404		8,490	2,122	10,612
ITS(smart cards)		12,000	3,000	15,000		12,240	3,060	15,300		12,485	3,121	15,606		12,734	3,184	15,918
Misc. Contingencies		45,320	11,330	56,650		46,226	11,557	57,783		47,151	11,788	58,939		48,094	12,023	60,117
Misc. Support Equipment		60,000	15,000	75,000		61,200	15,300	76,500		62,424	15,606	78,030		63,673	15,918	79,591
Office Furniture/ Equipment		36,000	9,000	45,000		36,720	9,180	45,900		37,454	9,364	46,818		38,203	9,551	47,754
Partransit Replacement Buses		660,834	165,209	826,043		674,051	168,513	842,564		687,532	171,883	859,415		701,282	175,321	876,603
Passenger Shelters		48,000	12,000	60,000		48,960	12,240	61,200		49,939	12,485	62,424		50,938	12,734	63,672
Planning Funds		360,000	90,000	450,000		367,200	91,800	459,000		374,544	93,636	468,180		382,035	95,509	477,544
Preventive Maintenance		1,200,000	300,000	1,500,000		1,224,000	306,000	1,530,000		1,248,480	312,120	1,560,600		1,273,457	318,364	1,591,821
Rehab Admin Maint Facility/CNG		272,264	68,066	340,330		277,710	69,427	347,137		283,263	70,816	354,079		288,929	72,232	361,161
Replacement 40' Buses	13	4,430,734	1,107,684	5,538,418	13	4,519,349	1,129,837	5,649,186	14	4,609,736	1,152,434	5,762,170	14	4,701,930	1,175,483	5,877,413
Service Vehicles		60,000	15,000	75,000		61,200	15,300	76,500		62,424	15,606	78,030		63,673	15,918	79,591
Shop Equipment		60,000	15,000	75,000		61,200	15,300	76,500		62,424	15,606	78,030		63,673	15,918	79,591
Storage/Shelving Units		8,000	2,000	10,000		8,160	2,040	10,200		8,323	2,081	10,404		8,490	2,122	10,612
Surveillance/Security Equipment		79,493	19,873	99,366		81,083	20,271	101,354		82,705	20,676	103,381		84,358	21,090	105,448
Total		**$9,809,182**	**$2,452,295**	**$12,261,477**		**$10,005,366**	**$2,501,341**	**$12,506,707**		**$10,205,472**	**$2,551,368**	**$12,756,840**		**$10,409,588**	**$2,602,397**	**$13,011,985**
Section 5339 - Total Dollars																
Bus and Bus Facility		1,030,367	257,592	1,287,959		1,159,122	289,780	1,448,902		1,370,975	342,744	1,713,719		1,416,772	354,193	1,770,965
Rural STP Total Dollars																
Replacement 40' Buses		0				0				0				0		
Replacement Paratransit Buses																
CMAQ Funds Total Dollars																
Replacement 40' Buses/CNG	2	656,000	164,000	820,000	4	1,280,000	320,000	1,600,000		720,000	180,000	900,000	**4**	1,144,000	286,000	1,430,000
Rideshare		143,000	0	143,000		150,150	0	150,150		157,575	0	157,575		165,454	0	165,454
Replacement Paratransit <30ft					2	80,000	20,000	100,000								
Replacement VanPool Vans	4	80,000	20,000	100,000	4	100,000	25,000	125,000	4	100,000	25,000	125,000	4	100,000	25,000	125,000
Clean Air Action Days	10	80,000	20,000	100,000	10	80,000	20,000	100,000	10	80,000	20,000	100,000	10	80,000	20,000	100,000
Total		**$959,000**	**$204,000**	**$1,163,000**		**$1,690,150**	**$385,000**	**$2,075,150**		**$1,057,575**	**$225,000**	**$1,282,575**		**$1,489,454**	**$331,000**	**$1,820,454**

FY 2017-2020 Section 5310 Requests - Hope Network

Req. Yr.	Requested	Program	Priority	Item Description	Federal Amount	State Amount	Local Amount	Total Amount	Action	Status
2017	1	Vehicle	3	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2017	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2017	1	Vehicle	3	Medium Class 1, 29' w/lift	$75,200	$18,800	$0	$94,000	Replace	Pre-Requested
2017	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2017	1	Equipment	11	Asset Management and Fleet Maintenance Software	$132,000	$33,000	$0	$165,000	Expand	Pre-Requested
2017	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2017	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2018	1	Equipment	11	Replace (1) one Supervisor/Admin vehicle used to conduct business for agency	$44,000	$11,000	$0	$55,000	Replace	Pre-Requested
2018	1	Equipment	11	Mobile Data Terminals	$32,000	$8,000	$0	$40,000	Replace	Pre-Requested
2018	1	Equipment	11	Ergonomic chairs, desks, walking computer stations	$16,000	$4,000	$0	$2,000	Expand	Pre-Requested
2018	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2018	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2018	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2018	1	Vehicle	1	Medium Class 1, 26' with lift-gas engine	$66,400	$16,600	$0	$83,000	Replace	Pre-Requested
2018	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2019	1	Equipment	11	Driver Training simulator hardware and software	$148,000	$37,000	$0	$185,000	Expand	Pre-Requested
2019	1	Vehicle	1	Medium class 1, 29' with lift-Gas	$69,600	$17,400	$0	$87,000	Replace	Pre-Requested
2020	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2020	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2020	1	Vehicle	1	Small bus 176" wheelbase, w/lift, Propane	$64,800	$16,200	$0	$81,000	Replace	Pre-Requested
2020	1	Equipment	11	Replacement Mobile Data Terminals	$32,000	$8,000	$0	$40,000	Replace	Pre-Requested

FY 2017-2020 Section 5310 Requests - Georgetown Seniors

Req. Yr.	Requested	Program	Item Description	Federal Amount	State Amount	Local Amount	Total Amount	Action	Status
2018	1	Equipment	Transportation Scheduling Software for upgrade/renewal	$20,000	$5,000	$0	$25,000	Replace	Pre-Requested
2019	1	Vehicle	Mini Van with Lift	$42,000	$10,500	$0	$52,500	Replace	Pre-Requested
2020	1	Vehicle	Cutaway Gas Bus	$80,000	$20,000	$0	$100,000	Replace	Pre-Requested

GVMC

GRAND VALLEY METROPOLITAN COUNCIL

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MEMORANDUM

TO: GVMC Executive Committee Members

FROM: Abed Itani, Director of Transportation Planning

DATE: Tuesday, May 10, 2016

RE: Proposed FY2017 Unified Planning Work Program Activities and Budget

The FY2017 Unified Planning Work Program (UPWP) for the Grand Valley Metropolitan Council (GVMC) includes the budget for all federally assisted transportation planning activities that the GVMC Transportation Division, the Interurban Transit Partnership (ITP) and the Michigan Department of Transportation (MDOT), will undertake. The GVMC must submit the UPWP annually to the sponsoring federal agencies, Federal Highway Administration and Federal Transit Administration, prior to October 1st. It functions as the coordinated budget for the Metropolitan Planning Organization (MPO).

Attached to this memo, a general outline of the FY2017 UWP transportation tasks related to GVMC Transportation Department and associated budget to complete these tasks. Also included is the dues structure (local match) proposed for the fiscal year 2017. The GVMC Transportation Program receives its local match through dues assessed to the 34 participating member agencies.

If you have any questions please call me at 776-7606.

Recommendation: Approval of the Proposed FY2017 UPWP.

M03082016UWPGVMC

Grand Valley Metropolitan Council
Fiscal Year (FY) 2016-2017 Unified Work Program
Planning Priorities & Budget

The activities undertaken by the Grand Valley Metropolitan Council (GVMC) transportation department principally relate to overall transportation program management and fulfillment of federal requirements, the Moving Ahead for Progress in the 21st Century Act (MAP-21), the Fixing America's Surface Transportation Act "FAST Act", and state mandated requirements. The Priorities/activities for the GVMC transportation department are severely restricted and prescribed by federal and state law requirements. Funding for all MPO activities is provided by the Federal Highway Administration (FHWA), Federal Transit Administration (FTA), and the MPO members on an 80/20 split. The 20% local match is mandated by federal law in order for any MPO to receive transportation planning funds. GVMC will manage a five billion dollar Metropolitan Transportation Plan (MTP) and an approximately sixty million dollar annual Transportation Improvement Program.

MAP-21 and the FAST Act create a performance-based program and build on many of the highway, transit, bike, and pedestrian programs and policies established in previous transportation bills since 1991. The cornerstone of the FAST Act highway program is the transition to a performance and outcome-based program in an effort to increase accountability and efficiency in the way federal transportation dollars are spent. The intention is that, under this performance-based planning program, states/MPOs will invest resources in projects that help to achieve individual performance targets and collectively will make progress toward national goals. In the FAST Act, the metropolitan transportation planning processes are continued and enhanced to incorporate performance goals, measures, and targets into the process of identifying needed transportation improvements and project selection. Public involvement remains a hallmark of the planning process. Requirements for a long-range plan and a short-term Transportation Improvement Program (TIP) continue, with the long-range plan to incorporate performance plans required by the Act for specific programs. The long-range plan must describe the performance measures and targets used in assessing system performance and progress in achieving the performance targets. The TIP must also be developed to make progress toward established performance targets and include a description of the anticipated achievements.

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

The FY2017 Unified Planning Work Program (UPWP) for Transportation Planning in the Grand Rapids Metropolitan Area incorporates in one document all federally assisted state, regional, and local transportation planning activities proposed to be undertaken in the region from October 1, 2016 through September 30, 2017. The program provides a process for the coordination of transportation planning activities in the area, and is required as a basis and condition for all federal funding assistance for transportation planning by the final planning regulations issued February 14, 2007 by the Federal Highway Administration (FHWA) and the Federal Transit Administration.

MAP-21, which became effective October 1, 2012, made some important modifications to the metropolitan planning process, primarily requiring metropolitan planning organizations (MPOs) to establish and use a performance-based approach to transportation decision making and development of transportation plans. The FAST Act, which became effective December 4, 2015, continues with the same planning requirements. This planning work program has been developed to comply with and implement anticipated changes regarding metropolitan planning as called for in MAP-21 and the FAST Act.

The level of planning effort for the GVMC MPO is driven by the 2040 MTP and operational planning

needs of the various transportation operating agencies. The MTP addresses numerous state and federal requirements, among which are, MAP-21/FAST Act, the Americans with Disabilities Act, the 1990 Clean Air Act Amendments, responses to Certification Findings by FHWA, and Michigan Department of Transportation (MDOT) requirements. Staff time and resources are focused to address issues such as intermodal planning, congestion management, pavement management, safety planning, transit planning and concerns, ITS, traffic operations, freight transportation planning, environmental justice, air quality, environmental quality, non-motorized, and needs of the transportation disadvantaged.

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

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

Each of these factors is addressed through various work program tasks selected for FY2017, as shown below:

Planning Factor/Task	Economic Vitality	Increase Safety	System Security	Accessibility	Protect Environment	Integration of System	Efficiency	System Preservation
Database Management		x		X	X	x	x	x
Long Range Planning	x	x	X	X	X	x	x	x
Short Range Planning	x	x	X	X	X	x	x	x
Transportation Management Systems	x	x	X	X	X	x	x	x
Program Coordination	x	x	X	X	X	x	x	x
Land Use & Transportation Coordination	x	x	X	X	X	x	x	x

In addition to the planning factors under MAP-21/FAST Act, the following federal planning emphasis areas were also considered during the development of the UPWP. These planning areas are described below:

Planning Areas of Emphasis

1. MAP-21/FAST Act Implementation: Develop and implement performance based planning measures and targets that will help assess the performance of strategies aimed to improve the conditions and functionality of the transportation system.

2. Planning & Environmental Linkages: Consider environmental, community, and economic goals early in the planning process. Use the information, analysis, and products developed during planning to inform the environmental process.

3. Models of Regional Planning Cooperation: Promote cooperation and coordination across City, County, and State boundaries where appropriate to ensure a regional approach to transportation planning.

4. Livability: Integrate the livability principles of more transportation choices, equitable, affordable housing, enhanced economic competitiveness, support for existing communities, coordinated policies, leveraging investments, and valuing communities and neighborhoods into the transportation planning process.

5. Climate Change & Extreme Weather: Address climate change mitigation and adaptation in the planning process.

6. Freight: Coordinate with MDOT, Engage public and private stakeholders representing all modes of freight to integrate freight planning into the existing transportation planning process.

7. Planning for Operations: Activities that take place within the context of an agency, jurisdiction, and/or regional entity with the intent of establishing and carrying out plans, policies, and procedures that enable and improve the management and operation of transportation systems.

8. Sustainability: Satisfy the functional requirements for development and economic growth while striving to enhance the natural environment and reduce consumption of natural resources.

9. Environmental Justice: Identify and address adverse environmental and public health effects placed on minorities and low-income groups as a result of programs, policies, and activities.

10. Public Health: Address ways to mitigate negative health impacts of transportation such as reducing air pollution, prevent traffic injuries or deaths and encouraging multimodal transportation options such as walking or biking.

11. Access to Essential Services: Identify transportation connectivity gaps in access to essential services.

Each of these areas is addressed through various work program tasks/subtasks included for FY2017, as shown below:

Planning Areas Of Emphasis	Map-21/Fast Act Implementation	Planning & Environmental linkage	Models of Regional Cooperation	Livability	Climate Change & extreme Weather	Freight	Planning for Operations	Sustainability	Environmental Justice	Public Health	Access to Essential Services
UWP Planning Task											
Database Management											
Demographic & Economic Projections	√	√	√			√	√		√		√
Traffic Volumes & Physical Conditions	√	√	√			√	√				
GIS System Maintenance & Update	√	√	√	√	√	√	√	√	√	√	√
Long range Planning											
Travel Demand/Air Quality Modeling	√	√	√		√	√	√		√		√
2040 Metropolitan Transportation Plan	√	√	√	√	√	√	√	√	√	√	√
Short Range Planning											
Transportation Improvement Program	√		√	√	√	√	√	√	√	√	√
Technical Assistance	√	√	√	√	√	√	√	√	√	√	√
Clean Air Action! Program	√		√	√	√			√		√	
Intelligent Transportation System	√		√	√	√	√	√				√
Non_Motorized Planning	√		√	√	√			√		√	√
Safety Conscious Planning	√		√	√		√	√			√	
Transportation Management Systems											
Pavement Management System	√	√	√			√	√				
Congestion Management System	√	√	√	√	√	√	√	√	√	√	√
Asset Management	√	√	√			√	√				
Ride Sharing Program			√	√	√			√			√
Rideshare			√	√	√			√		√	√
Special Services Planning											
ADA Compliance			√	√	√			√		√	√
Community Outreach				√	√			√		√	√
Administrative Program Support	√							√			
Website Development	√			√	√		√	√	√	√	√
Enterprise Asset Management	√										
Human Resources Planning	√								√		
Phone System Development											
Share Point Development											
Program Coordination											
Administration	√	√	√	√	√	√	√	√	√	√	√
Land Use Planning											
Land Use Coordination	√	√	√	√	√	√	√	√	√	√	√

In order to address and meet MAP-21/FAST Act requirements, the transportation annual budget contains the following six work tasks:

DATABASE MANAGEMENT- Listing the work tasks needed to monitor area travel characteristics and factors affecting travel such as socio-economic, land use data, transportation system data, and environmental issues and concerns. Priorities include data collection and analysis, enhanced GIS capabilities development and update. Revenues for the activities under this are listed below.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
$35,400	$164,556	$0.00	$0.00	$0.00	$43,293	$243,249

LONG RANGE PLANNING- Identifying transportation system planning tasks related to long range transportation systems planning. Priorities include the development/update of the MTP, identification of long range transportation needs, goals, objectives, policies, improvements, monitoring, and updating and maintaining of the travel demand model. In cooperation with MDOT and ITP, develop, adopt, and implement performance based planning measures and targets that will help assess the performance of strategies aimed to improve the conditions and functionality of the transportation system. Revenues for the activities under this are listed below.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
$0.00	$156,506	$0.00	$0.00	$0.00	$33,545	$190,051

SHORT RANGE PLANNING- Identifying transportation system planning tasks related to short range transportation systems planning. Priorities include performance measurement, the development/update of the TIP, providing technical assistance and special studies to the MPO members, Intelligent Transportation System (ITS) planning, safety planning, freight planning, non-motorized planning, managing the Clean Air Action Program, and phase in performance based measures and monitoring. Revenues for the activities under this are listed below.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
$0.00	$262,485	$73,142	$50,000	$0.00	$74,175	$459,802

TRANSPORTATION MANAGEMENT SYSTEMS- Listing the work tasks needed to monitor area travel characteristics and factors affecting congestion and pavement conditions. Priorities include collecting transportation system data and analysis, coordination with MDOT and local transportation providers, development of congestion and pavement investment plans, and implementation and monitoring of ITS solutions. GVMC is also involved in a statewide effort to develop, collect data, coordinate with MDOT on performance measures and targets for the NHS system, and implement Michigan's Asset Management System. Revenues for the activities under this are listed below.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
$114,590	$166,663	$0.000	$20,001	$0.00	$61,300	$362,553

PROGRAM COORDINATION- Describing task functions required to manage the transportation planning process on a continual basis, including program administration, development, review, and reporting. Priorities include the UPWP, public involvement, environmental justice, timely submittal of documents, MPO scheduled meetings, and coordination with all MPO member units. Revenues for the activities under this are listed below.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
$0.00	**$264,514**	**$0.00**	**$0.00**	**$0.00**	**$56,442**	**$320,956**

LAND USE & TRANSPORTATION COORDINATION – To identify and undertake activities to more effectively link land use decision-making throughout the region with the creation and adoption of the MTP and to guide elements chosen in the Transportation Improvement Program. The scope of this activity is limited to the MPO boundary area. Priorities include Committee meetings in public sessions to review the progress being made, emphasis on successful efforts and encouragement of local government's participation, generating reports to Metro Council, development of socio-economic data, and public education and information. Revenues for the activities under this are listed below.

FHWA STP	FHWA PL	FHWA CMAQ	SPR/ MTF	FTA Sec. 5303	Local Match	Total Funding
$0.00	**$84,667**	**$0.00**	**$0.00**	**$0.00**	**$29,396**	**$114,062**

- **Travel Demand Model Update/Calibration/Validation/Air Quality (MOVES)**
  The transportation department will continue to enhance the travel demand model we currently use. Staff will be involved in the development and maintenance of a mode split model to allow simulation of most modes of transportation. GVMC staff will perform a model validation analysis to determine and improve the model accuracy. GVMC will assist MDOT in collecting freight data for the purpose of developing a freight model. Staff will develop new technical tools to produce data for use in the MOVES2014 program. Staff will develop "Local" data input files for the MOVES2014 program.

- **Safety Conscious Planning and Monitoring**
  This task will continue our efforts to bring safety planning into the mainstream MPO planning process as required by the Federal Highway Administration (FHWA) based on the MAP-21/FAST Act requirements. GVMC will continue to hold safety forums and other educational activities to raise the awareness of safety planning and enhancement within the MPO area. Staff will work with FHWA and MDOT to adopt and implement safety performance measures and targets.

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

- **Transit/Mode Split Model**
  The transportation department will continue to improve and maintain the transit model, in cooperation with MDOT and the Interurban Transit Partnership (ITP), which will allow simulation and evaluation of most transit bus route alternatives. Staff in corporation with MDOT and ITP will determine the practical improvements needed to the GVMC model.

- **Freight Planning and Monitoring**
  MPO staff will work closely with local officials, interest groups, state, and federal transportation partners to further integrate freight planning into the transportation planning process based on MAP-21/FAST Act requirements. MPO staff will work with stakeholders to inventory and monitor freight routes and intermodal facilities within the metropolitan area. MPO staff will also monitor freight related issues and seek input from freight stakeholders on how to best integrate freight planning into the existing transportation process.

- **Clean Air Action! Program**
  This task will continue the effort of the Council to educate and raise the awareness of the general public with regard to ground level ozone and PM 2.5 and their negative health impacts.

- **Congestion Management Process (CMP) and Monitoring**
  To comply with this federal requirement in MAP-21/FAST Act, the transportation department will continue to expand and improve the Congestion Management Process which allows us to monitor and evaluate congestion and its causes. GVMC staff will collect traffic and travel data by mode, when possible, to analyze

recurring and non-recurring congestion. GVMC staff will analyze traffic accident data to identify high accident locations for future improvements. This task will enable GVMC to mitigate non-recurring congestion, reduce recurring congestion, improve day-to-day traffic operations, and improve global connectivity by enhancing freight management and operations.

- **Pavement Management System (PaMS) and Monitoring**
  To assure compliance with MAP-21/FAST Act the transportation department will continue to improve the Pavement Management System which allows us to monitor pavement conditions in the most productive way and efficient fashion. GVMC will again collect pavement condition data within the MPO study area for 1,600 miles of federal aid. Staff will work with MDOT to determine the performance indicators, measures, and targets for the NHS system.

- **Asset Management Data Collection**
  Staff will continue to collect data on behalf of the Asset Management Council within the MPO study area.

- **Transportation/Land Use Regional Coordination**
  This activity will continue our coordination with land use planning departments within the MPO study area. Staff will continue to develop and update the social economic data for use in the travel demand forecasting model and transportation mobility access and corridor studies.

- **2040 Metropolitan Transportation Plan (MTP) Development/Update**
  Staff will continue to monitor and update the 2040 MTP. Staff will be working with the MPO communities to update/amend the MTP during this fiscal year. Staff will be working with elected officials, Policy, and Technical Committee members to meet regional goals and objectives in order to improve mobility and reduce congestion and vehicle emissions. Staff will continue to work with MDOT and FHWA to address MAP-21/FAST Act performance based planning and programming requirements.

- **2017-2020 Transportation Improvement Program (TIP) Update & Monitoring**
  Staff will monitor 2017-2020 TIP projects.

- **Intelligent Transportation System (ITS) Implementation**
  The transportation department will continue its effort to complete the ITS deployment activities as recommended by the ITS study.

- **Non-Motorized Plan**
  Staff will continue to work on updating the non-motorized plan and amending any changes to the Metropolitan Transportation Plan.

- **Environmental Justice Process**
  Staff will continue to address EJ as part of the MTP and the TIP throughout the MPO study area.

- **Environmental Mitigation Process**
  Staff, in coordination with MDOT, FHWA, FTA, MDEQ, and ITP, will continue to access environmental impacts resulting from the MTP and TIP projects.

- **Transportation Accessibility Process**
  Staff, in coordination with MDOT, FHWA, FTA, and ITP, will continue to evaluate mobility accessibility within the MPO study area as required by MAP-21/FAST

Act.

- **Consultation Process**
  Staff, in coordination with MDOT, FHWA, FTA, and ITP, will continue to implement and update the consultation process adopted by the MPO for the development of the MTP and TIP. The process provides feedback from the public, transportation interest groups, and state and federal agencies.

- **Visualization Process**
  Staff, in coordination with MDOT, FHWA, FTA, and ITP, will continue to apply the visualization process throughout the MPO process as required by MAP-21/FAST Act.

- **Transit Planning & Coordination**
  Staff will continue to coordinate with ITP, FTA, FHWA and MDOT on all transit related needs, such as the transit model, MTP, TIP, and transit studies.

- **State and Federal Coordination and Cooperation**
  Staff will continue to meet on a regular basis with FHWA, FTA, MDOT, and MDEQ to address transportation needs and issues.

- **Public Involvement/Information**
  Staff will continue to improve public involvement in the transportation process as required by MAP-21/FAST Act.

- **Technical Assistance**
  Staff will continue to provide technical assistance on various projects as requested from the MPO members.

INTERURBAN TRANSIT PARTNERSHIP

UNIFIED PLANNING WORK PROGRAM (UPWP)

TRANSIT PORTION

Fiscal Year 2017

Proposed FY 2017 Unified Planning Work Program Projects

Description	Total Costs
Section 5307	
ADA Compliance	$66,950
Community Outreach	$90,000
Administrative Program Support	$121,350
Website Development	$70,000
Enterprise Asset Management	$17,000
Human Resource Planning	$100,000
Phone System Development	$60,000
Share Point Development	$120,000
Total	**$645,300**

CMAQ	
Ridesharing	$143,000
Total	**$143,000**

ADA PLANNING/COMPLIANCE – SPECIAL SERVICES

Objectives

To plan implement and maintain policies, procedures and training methods for maintaining transit related American with Disabilities Act (ADA) awareness and FTA compliance.

Procedures and Tasks

Staff, with assistance from local agencies and consultants, as well as the disabled community, will review current procedures to ensure continued federal compliance with the Americans with Disabilities Act. Procedures include ongoing monitoring and review process for all ADA applications, as well as staff training and education. Disability Advocates of Kent County (DAKC) performs all ADA application eligibility reviews. The consultant is a Registered Occupational Therapist (OTR) who makes the initial review of all ADA applications and who follows-up with the applicant or medical/rehab professional if necessary. DAKC make recommendations for which applicants will be seen for an in-person assessment.

Product

The product will be a program that meets the requirements of the ADA eligibility process to insure that ADA applications are reviewed and processed in accordance with local and federal guidelines.

Budget

Funding Agency		Performing Agency ITP/*The Rapid*	
FTA-Section 5307	$53,560	Contractual	$53,560
MDOT Match	$13,390	Direct	$13,390
TOTAL	$66,950	TOTAL	$66,950

COMMUNITY OUTREACH

Objectives

The objective is to consistently, clearly, and transparently communicate services and benefits of The Rapid with various stakeholder groups, riders, and the community at large. We will be doing at least one ridership survey and one community attitudes survey. Additional surveys and focus groups may also be completed, depending on needs and findings. Using our messaging strategy, we will be undertaking several strategies to understand and proactively reach out to the community.

Procedures and Tasks

Using both in-house resources and consultant assistance, *The Rapid* will develop outreach products designed to attract choice riders, provide transparent and comprehensive information to stakeholders and the community, and promote the benefits of public transportation to growing healthy, vibrant communities.

Products

This funding will be used to conduct surveys, community newsletter and produce materials for the public advertising programs.

Budget

Funding Agency		Performing Agency- ITP/*The Rapid*	
FTA-Section 5307	$72,000	Contractual	$72,000
MDOT Match	$18,000	Direct	$18,000
TOTAL	$90,000	TOTAL	$90,000

ADMINISTRATION PROGRAM SUPPORT

Objectives

The objective is for continued progress in *The Rapid's* studies and evaluation of transit education and industry projects. Studies relating to management, operations, safety courses, economic feasibility, ADA regulations and Title VI compliance. Industry conferences, seminars and workshops to remain current with the continuous updates of the Michigan Public Transit Association, American Public Transportation Association and FTA regulations and compliances.

Procedures and Tasks

Administrative support, operator instructors, supervisors, project managers and third-party consultants, will assist in developing programs as indicated above.

Products

With the focus on transit-related subjects including planning, safety, security, supervision, risk management, and transit leadership improvement. With consultant help staff can provide a working document that explains how to remain current with the FTA regulations and compliances.

Budget Request

Funding Agency		Performing Agency ITP/*The Rapid*	
FTA – Section 5307	$97,080	Contractual	$97,080
MDOT Match	$24,270	Direct	$24,270
TOTAL	$121,350	TOTAL	$121,350

WEB SITE DEVELOPMENT & DIGITAL COMMUNICATIONS

Objectives

As people conduct more and more of their daily lives on their smartphones, we recognize the need to continually research, develop, and implement new tools for digital system information, e-communications, and customer feedback.

Procedures and Tasks

Using consultant assistance and in-house resources, we will prepare and integrate data, design interfaces and content that allow for seamless communications with customers and the community. We will also use consultant assistance to map digital communications surrounding The Rapid to analyze and understand opinion and service feedback to continuously improve communications and service offerings.

Products

A strong digital outreach and suite of tools to better connect customers with key information; data analysis to drive communications strategy; and leverage technology to provide multiple ways to interact with customers, stake holders, and the community.

Budget

Funding Agency		Performing Agency-ITP/*The Rapid*	
FTA-Section 5307	$56,000	Contractual	$65,000
MDOT Match	$14,000	Direct	$5,000
TOTAL	$70,000	TOTAL	$70,000

ENTERPRISE ASSET MANAGEMENT (EAM)

Objectives

The objective is to study and fully utilize the EAM's core functionality and advanced modules and features. Creating efficiency in PM (preventive maintenance) inspections, FTA and NTD reporting, inventory management and various tools for management networking.

Procedures and Tasks

With consultant help develop on-site training and support focused on the needs of *The Rapid's* asset management system. Improving and creating PM inspection checklist, asset management and replacement planning. Develop project management oversight and execute the project plan.

Products

The training will allow staff to more efficiently use of the EAM software and to produce inspection checklists, equipment reports, state of good repair information, efficient inventory management, and on time performance reports.

Budget

Funding Agency		Performing Agency ITP/*The Rapid*	
FTA Section 5307	$13,600	Contractual	$13,600
MDOT CTF	$3,400	Direct	$3,400
TOTAL	$17,000	TOTAL	$17,000

HUMAN RESOURCES PLANNING

Objectives

To continue Human Resource plans and goals by developing trainings which include EEO annual leadership update, continued advanced diversity and harassment training for all staff, recruitment strategies and updates, management training for new management/supervisory staff, HR policies and procedures training for all staff, continuation of the wellness program, ongoing ergonomics updates and training, benefit strategies, and investment counseling. Consultant assistance in reaching EEO and Diversity goals which are required by FTA/EEOC. The research on harassment, diversity, EEO and Civil Rights initiatives which are constantly changing and must be kept up-to-date in order to keep policies and procedures current and accurate (ADA, Civil Rights, EEOC), updates to handbooks, training of staff and leadership teams and keeping the company apprised of new diversity initiatives in order to remain committed to delivering a fair and pleasurable work environment at *The Rapid.*

Procedures and Tasks

Human Resource staff, along with consultants and other agencies, will assist in developing training programs as indicated above. The above areas of training provide *The Rapid* staff important tools useful in developing ways to keep current or become informed of changes in the workplace, including safety issues; mental health and wellness issues; control benefit costs, employee hiring and retention; and ways to diversify the culture of the organization

Products

Training provides better health and morale in employees resulting in an organizational culture that values differences and common goals. The continuation of training through wellness initiatives has resulted in cost savings in healthcare premiums and provided an increase in healthcare options available.

Budget

Funding Agency		Performing Agency- ITP/*The Rapid*	
FTA-Section 5307	$80,000	Contractual	$80,000
MDOT	$20,000	Direct	$20,000
TOTAL	$100,000	TOTAL	$100,000

PHONE SYSTEM DEVELOPMENT

Objectives

The objective is to study and develop specifications for a phone system from the different company departments, create RFP and identify vendors to use for a new phone system. Special emphasis will be placed on call center development.

Procedures and Tasks

Using consultant assistance, *The Rapid* will develop an RFP based on staff interviews, analysis of the current call center, projected growth, Interactive Voice Response (IVR) requirements and calling requirements. This study will identify vendors and assist in the developing, vetting and assistance with the RFP.

Products

An RFP for the purchase of a new phone system will be produced that will include specifications to accommodate individual phone needs and growth to provide a more efficient call center for better overall customer service.

Budget

Funding Agency		Performing Agency- ITP/*The Rapid*	
FTA-Section 5307	$ 48,000	Contractual	$48,000
MDOT Match	$12,000	Direct	$12,000
TOTAL	$60,000	TOTAL	$60,000

SHARE POINT DEVELOPMENT

Objectives

The objective is to study and evaluate to be able to fully utilize our Microsoft SharePoint software to its fullest capacity. Such as to store, organize, share, and access information from almost any electronic device. With the help of consultants we will evaluate how a local SharePoint collaboration site would be most beneficial to our organization.

Procedures and Tasks

Using consultant assistance, we will configure administrative options, develop specifications based on department interviews, integrate any third-party products deemed valuable as a result of interviews and develop templates, interfaces and customizations as needed. Consultant help will be required with assisting in the process of deployment and troubleshooting problems.

Products

With consultant help we will develop a SharePoint screen with file collaboration and the ability to integrate with email and the phone system. Templates and dashboards will be developed with the necessary tools to migrate documents and media.

Budget

Funding Agency		Performing Agency- ITP/*The Rapid*	
FTA-Section 5307	$96,000	Contractual	$96,000
MDOT Match	$24,000	Direct	$24,000
TOTAL	$120,000	TOTAL	$120,000

RIDESHARING

Objectives

The Rideshare program at the Interurban Transit Partnership is named Business Transportation Services. The goal of Business Transportation Services is to provide alternative commute options to those driving in single occupant vehicles. The primary objective is to promote and implement ridesharing arrangements with vanpools and carpools. Individuals are matched to form shared ride arrangements and assistance is provided to employers and organizations to conduct rideshare promotions and develop employee transportation programs. The results are reduced commuting costs, reduced traffic congestion, reduced parking needs, reduced fuel consumption, and reduced air pollution.

Procedures and Tasks

Business Transportation Services offers a variety of options which include designing customized transportation programs for employees. Staff continues to outreach through targeted marketing campaigns that include mailings, presentations to area companies, and development and distribution of marketing materials that promote the benefits of vanpooling and carpooling. Staff also advertises and answers a phone line for individuals to obtain information of vanpooling and carpooling.

Products

Business Transportation Services provides free carpooling information and matching on The Rapid's on-line carpooling website entitled GreenRide, which is accessed by a link on www.ridetherapid.org. Registration is open to area residents and is free. Information on park and ride lots and transit services and other resources are available at www.ridetherapid.org and www.wmrideshare.org. Area employers have also purchased an enhanced version of this program that allows for greater functionality. The Rapid also operates a vanpool program entitled RapidVan, where commuters can share rides for greatly reduced costs over the single automobile. Quarterly reports are submitted to MDOT describing the activities and projects of the program in extensive detail. Quarterly reports are also submitted to the ITP Board. An annual report is given to the TIP Committee of the Metropolitan Planning Organization.

Budget

Funding Agency		Performing Agency	
100% Federal		ITP/*The Rapid*	
FTA- CMAQ	$143,000	Contractual	$ 30,000
		Direct	$113,000
TOTAL	$143,000	TOTAL	$143,000

GVMC Funding Sources for Planning Activities

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

FHWA Planning grant funds (also known as "PL" or metropolitan planning funds)
Federal planning funds can be used for up to 81.85 percent of a project, with a required 18.15 percent match typically provided by local governments.

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

FTA Section 5303 grant funds
Section 5303 funds are federal funds designated for transit planning and research activities. Up to 80 percent federal funds can be used for a project. The remaining 20 percent match is typically provided by local governments.

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

FHWA Congestion Mitigation/Air Quality Program (CMAQ) funds
Federal CMAQ funds can be used for up to 80 percent of a project, with a required 20 percent match typically provided by local governments

Local matching funds
All federal grant funds require at least a 18.185 percent non-federal match. The MPO receives funding from member jurisdictions on a proportionate fair share basis using population distributions published by the most recent decennial census, and lane miles as defined by the national highway functional classification network approved by MDOT and FHWA.

GVMC FY2015-16 MPO Revenue Estimates	
STP-U	$150,000
CMAQ	$80,000
SECTION-5303	$0.00
PL-112	$1,099,391
SPR	$50,000
State Asset Management	$20,000
Local Match Required	$256,155
TOTAL	**$1,655,545**

Staffing

Work Load and federal funding is available to support seven (7) full time and one part time staff positions. The proposed staffing model is as follows:

Transportation Director
Senior Transportation Planner (2)
Transportation Planner (4)
Part time Interns (1)

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

Senior Transportation Planner: Duties will include travel demand modeling, traffic impact studies, GIS data development and updates, updating the Transportation Management Systems (CMS, PMS and SMS), and updating the 2040 Metropolitan Transportation Plan.

Senior Transportation Planner: Duties will include work on updating the 2040 Metropolitan Transportation Plan, the Transportation Improvement Program, development and management of a regional non-motorized plan, developing non-motorized projects for future funding and inclusion in the TIP, participation in early transit route planning and services with the transit providers, collecting traffic data, air quality conformity analysis and land use activities.

Transportation Planner: Duties will include assistance in preparing agendas for the Transportation Programming Study Group, Technical and Policy Committee meetings, updating traffic and demographic data files, assisting in Clean Air Action Program activities, coordinating with the transit agency, involvement in the development of the freight plan, preparing annual reports, and other administrative tasks.

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

Transportation Planner: Duties will include work on developing and managing the Transportation Improvement Program, traffic count program, managing enhancement and CMAQ projects, HPMS updates, collecting traffic data, GIS data updates, air quality conformity analysis for the TIP and the Metropolitan Transportation Plan, and coordination with MDOT, FHWA, transit providers and local units of government.

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

Staff Responsibilities

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

	Activity	Duration
Darrell Robinson	TIP Development/Management	Year Long
	TAP Management	Year Long
	Asset Management	6 Months
	Financial Estimates	Year Long
	Technical Assistance	Year Long
	Performance Measures Reporting	Year Long

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

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

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

	Activity	Duration
Laurel Joseph	Freight Planning	Year Long
	Transit Planning/Coordination	Year Long

	MTP Performance Measures Development/Reporting	6 Months
	Transit Modelling	3 Months
	Technical Assistance	Year Long
	Land Use/SE Data	Year Long
	MTP Transportation Access. Study	Year Long

FY2017		FY2015	FY2016	FY2017
MPO Membership Dues Estimates	**Population**	**Dues**	**Dues**	**Dues**
Kent Co Rd Comm Urban		**$39,512**	**$39,512**	**$39,512**
Kent Co Rd Comm Rural		**$6,196**	**$6,196**	**$6,196**
Ada	13,142	**$1,987**	**$1,987**	**$1,987**
Algoma	9,932	**$1,501**	**$1,501**	**$1,501**
Alpine	13,336	**$2,016**	**$2,016**	**$2,016**
Byron	20,317	**$3,071**	**$3,071**	**$3,071**
Caledonia	10,821	**$1,636**	**$1,636**	**$1,636**
Cannon	13,336	**$2,016**	**$2,016**	**$2,016**
Cascade	17,134	**$2,590**	**$2,590**	**$2,590**
Courtland	7,678	**$1,161**	**$1,161**	**$1,161**
Gaines	25,146	**$3,801**	**$3,801**	**$3,801**
Grand Rapids	16,661	**$2,519**	**$2,519**	**$2,519**
Plainfield	30,952	**$4,679**	**$4,679**	**$4,679**
Lowell	5,949	**$899**	**$899**	**$899**
Nelson	4,764	**$0**	**$0**	**$733**
Subtotal	**$189,168**	**$73,585**	**$73,585**	**$74,318**
Ottawa Co Rd Comm Urban		**$11,830**	**$11,830**	**$11,830**
Ottawa Co Rd Comm Rural		**$381**	**$381**	**$381**
Allendale	20,708	**$2,870**	**$2,870**	**$2,870**
Georgetown	46,985	**$6,511**	**$6,511**	**$6,511**
Jamestown	7,034	**$975**	**$975**	**$975**
Tallmadge	7,575	**$1,050**	**$1,050**	**$1,050**
Subtotal	**82,302**	**$23,617**	**$23,617**	**$23,617**
Cities/Villages				
Cedar Springs	3,509	**$721**	**$721**	**$721**
East Grand Rapids	10,694	**$2,126**	**$2,126**	**$2,126**
Grand Rapids	188,040	**$39,429**	**$39,429**	**$39,429**
Grandville	15,378	**$4,699**	**$4,699**	**$4,699**
Hudsonville	7,116	**$1,848**	**$1,848**	**$1,848**
Kentwood	48,707	**$11,260**	**$11,260**	**$11,260**
Lowell	3,783	**$906**	**$906**	**$906**
Rockford	5,719	**$1,371**	**$1,371**	**$1,371**
Sand Lake Village	492	**$345**	**$345**	**$345**
Sparta Village	4,140	**$0**	**$692**	**$692**
Walker	23,537	**$6,727**	**$6,727**	**$6,727**
Wyoming	72,125	**$17,551**	**$17,551**	**$17,551**
Subtotal	**382,748**	**$69,434**	**$70,126**	**$70,126**
Other Transportation Members				
ITP	N/A	**$14,500**	**$14,500**	**$14,500**
Gerald R. Ford Airport	N/A	**$1,500**	**$1,500**	**$1,500**
MDOT	N/A	**$0**	**$0**	**$0**
Subtotal		**$16,000**	**$16,000**	**$16,000**
Kent County	602,622	**$3,000**	**$3,000**	**$3,000**
Ottawa County	89,418	**$1,476**	**$1,476**	**$1,476**
Subtotal		**$4,476**	**$4,476**	**$4,476**
GVMC		**$50,000**	**$50,000**	**$50,000**
Total		**$254,664**	**$255,356**	**$256,089**

GVMC

GRAND VALLEY METROPOLITAN COUNCIL

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

MEMORANDUM

TO: GVMC Board Members

FROM: Abed Itani, Director of Transportation Planning

DATE: Tuesday, May 24, 2016

RE: FY2016 Unified Planning Work Program Amendment

The FY2016 Unified Planning Work Program (UPWP) for the Grand Valley Metropolitan Council (GVMC) includes the budget for all federally assisted transportation planning activities that the GVMC Transportation Division, the Interurban Transit Partnership (ITP) and the Michigan Department of Transportation (MDOT), will undertake. Any changes in the federal funding amounts under work items in the UWP warrant a UWP amendment and approval by the GVMC Board.

Staff is requesting the amendment of the FY2016 UWP to reflect additional FTA Section 5303, transit planning funds, for ITP. ITP is requesting to add a regional study to determine the Locally Preferred Alternative (LPA) for a 3rd Bus Rapid Transit (BRT) corridor (See attachment). The total project cost is estimated at $437,500 with FTA share of $350,000 and State share of $87,500.

In order for ITP to use the additional funding, the FY2016 UPWP needs to be amended.

Recommendation: Approval to amend 2016 UPWP.

MO05242016UWPAMENDGVMC

Locally Preferred Analysis of Third Bus Rapid Transit Alignment

Objectives

To undertake a Locally Preferred Analysis (LPA) to identify the alignment for a third (3rd) Bus Rapid Transit (BRT) line in the Grand Rapids Metropolitan region.

Procedures and Tasks

The Rapid will retain a consultant team to conduct an analysis of several corridors within the Grand Rapids Metropolitan Region in order to identify the region's preferred corridor for an a BRT line. Once identified, this LPA would be adopted by *The Rapid* Board and forwarded to GVMC, our local Metropolitan Planning Organization for approval into the Long Range Transportation Plan. *The Rapid* would then seek Federal Transit Administration funds to advance the LPA through final design and construction.

The study's work plan may include: 1) Project Management Plan (PMP). 2) Public Involvement. 3) Data Collection and Needs Analysis. 4) Develop Transportation Alternatives. 5) Implementation Plans. 6) Final Report.

Products

The alternative analysis is to include a Conceptual Engineering (CE), Project Management Plan (PMP), Implementation Plans, Capital and Operating Costs and Executive Summary and Final Costs.

Budget

Funding Agency		**Performing Agency** ITP/*The Rapid*	
FTA Section 5303	**$ 350,000**	**Contractual**	**$ 350,000**
MDOT CTF	**$ 87,500**	**Direct**	**$ 87,500**
TOTAL	**$ 437,500**	**TOTAL**	**$ 437,500**

300 Ellsworth SW
Grand Rapids, MI 49503

Phone (616) 456-7514
Fax (616) 456-1941

5303 Application for Locally Preferred Analysis (LPA) of Third Bus Rapid Transit (BRT) Alignment

May 2016

Definitions

ACE	-	Advanced Conceptual Engineering
BRT	-	Bus Rapid Transit
FTA	-	Federal Transit Administration
GVMC	-	Grand Valley Metro Council
LPA	-	Locally Preferred Analysis
LRTP	-	Long Range Transportation Plan

Purpose

This is an application for $350,000 5303 funds to undertake a Locally Preferred Analysis (LPA) to identify the alignment for a third (3rd) Bus Rapid Transit line in the Grand Rapids Metropolitan region.

Background



The Rapid Transit Master Plan (TMP) identifies two LPA BRT corridors within the Grand Rapids Metropolitan region. The first—implemented in August 2014—is the Silver Line BRT that operates on Division Avenue from 60th Street in the Cities of Wyoming and Kentwood to downtown Grand Rapids (attachment 1). The second is the Lake Michigan corridor from the Grand Valley State University campus in Allendale to downtown Grand Rapids through Allendale Township, Georgetown Township, and the City of Walker (attachment 2). The Laker Line LPA was formally adopted into the Long Range Transportation Plan (LRTP) on May 20, 2015 by the Grand Valley Metro Council (GVMC) Policy Committee. The 30% design of the project was completed in March 2016 and *The Rapid* is now moving towards 60% design of the Laker Line. *The Rapid* will complete final design of the Laker Line BRT project in November, 2016. Construction is scheduled to be completed in December 2017 with revenue operations scheduled for April 2018.

The Rapid has demonstrated success in the design, construction and operation of BRT systems. The Silver Line project came in on time and $5 million under budget, and ridership on the corridor has increased by 40% since the Silver Line opened. *The Rapid* successfully completed the LPA for the Laker Line as well and received a medium-high rating from the FTA resulting in the Laker Line being recommended for funding in the President's 2017 proposed budget. Both projects have all the aspects of successful BRT systems including off-board fare payment, level boarding, dedicated lanes, TSP and substantial shelters.

With these successes established, *The Rapid* wishes to further develop its BRT network and to provide the transit backbone for its fixed route bus service. Furthermore, the Federal Transit Administration has placed emphasis on building BRT networks and are prioritizing projects accordingly. Nevertheless, *The Rapid's* TMP – which has a planning horizon of 2020 – does not identify a third (3rd) BRT corridor. A LPA study is necessary to determine the next successful BRT corridor for the region.

Methodology

The use of the 5303 funds will allow *The Rapid* to bring on a consultant team to conduct an analysis of several corridors within the Grand Rapids Metropolitan Region in order to identify the region's preferred corridor for an a BRT line. Once identified, this LPA would be adopted by *The Rapid* Board and forwarded to GVMC, our local Metropolitan Planning Organization for approval into the Long Range Transportation Plan. *The Rapid* would then seek Federal Transit Administration funds to advance the LPA through final design and construction.

Schedule

If approved, *The Rapid* would initiate the LPA study process in September 2016. *The Rapid* anticipates a twelve (12) month study process with the final LPA being forwarded to *The Rapid* Board in August 2017 and to the MPO for adoption into the Long Range Transportation plan in September 2017.

Budget

The Rapid is seeking $350,000 5303 funds with a 20% local match ($87,500) from the Michigan Department of Transportation for a total amount of $437,500.

Table 1 – Source of Funds

Source of Funds	5303 (80%)	Local (20%)	**Total**
Amount	$ 350,000	$ 87,500	**$ 437,500**

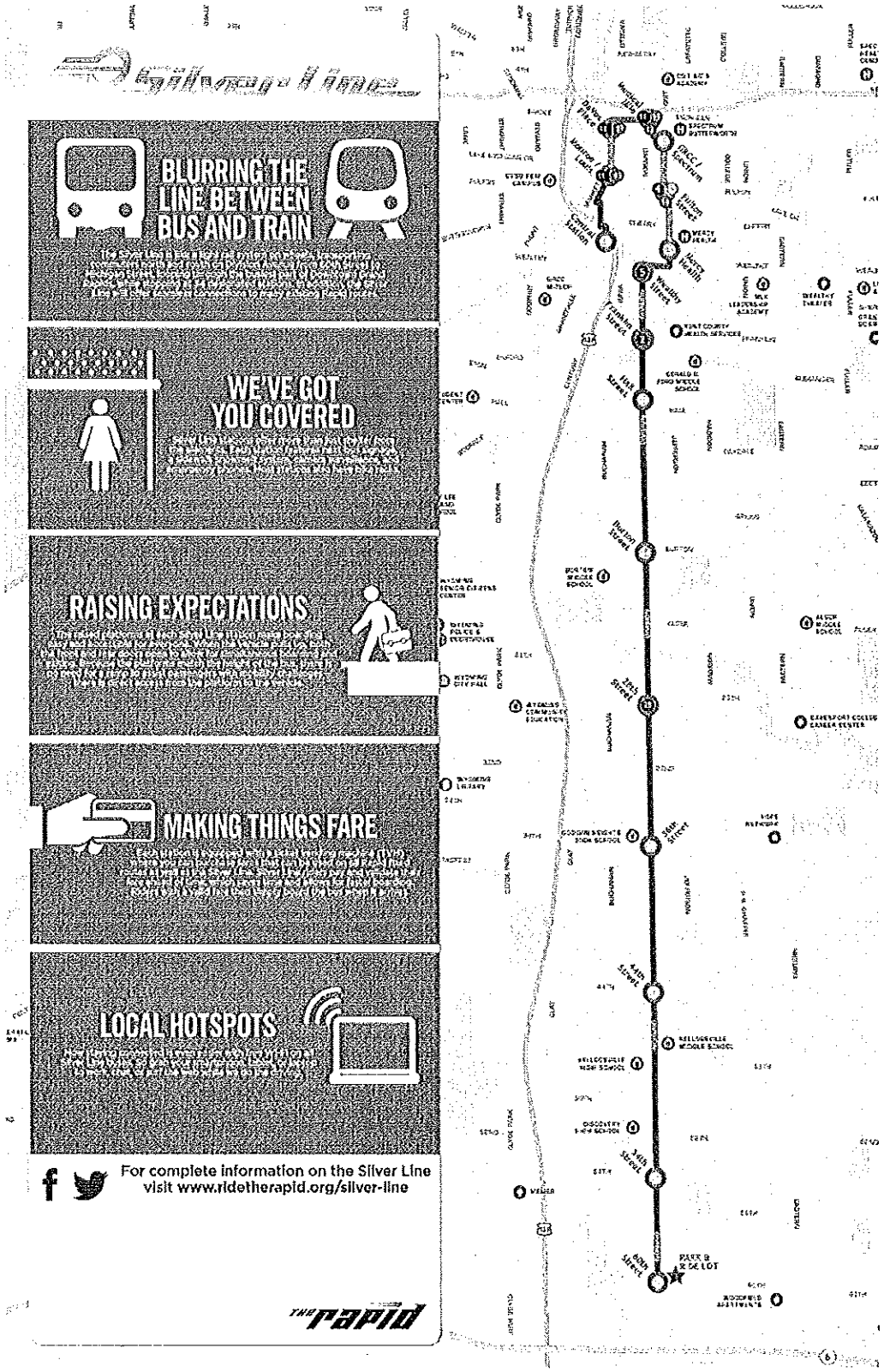
Contact Information

Conrad Venema – Strategic Planner Manager

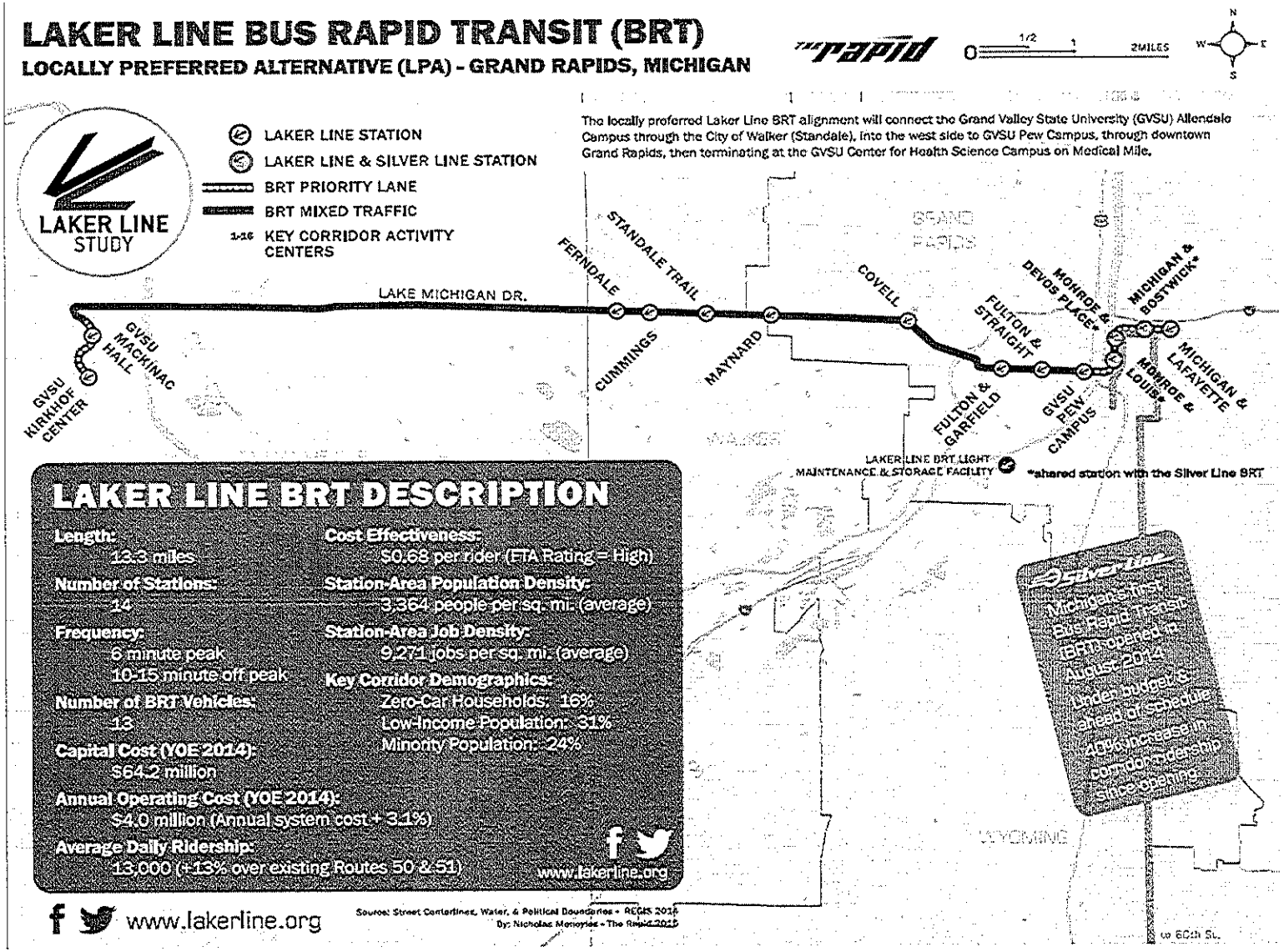
Phone: (616) 774-1191

Email: cvenema@ridetherapid.org

Attachment 1 – Silver Line Alignment


BLURRING THE LINE BETWEEN BUS AND TRAIN
WE'VE GOT YOU COVERED
RAISING EXPECTATIONS
MAKING THINGS FARE
LOCAL HOTSPOTS
For complete information on the Silver Line visit www.ridetherapid.org/silver-line
the rapid

Attachment 2 – Laker Line Alignment



Attachment 3 MPO Resolution