

**Air Quality Conformity Analysis
for
Grand Rapids, MI Conformity Area
(Kent and Ottawa Counties)
New 2020 to 2023 TIPs**

Final

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1.0 Conformity

1.1 Introduction

Transportation conformity provisions of the Clean Air Act Amendments require metropolitan planning organizations (MPOs) to make a determination that the Long-Range Transportation Plan (LRTP), Transportation Improvement Program (TIP), and projects conform to the State Implementation Plan (SIP) and regional emissions will not negatively impact the region's ability to meet the National Ambient Air Quality Standards (NAAQS).

Conformity to the SIP means that the region's LRTPs and TIPs 1) will not cause any new violations of the NAAQS; 2) will not increase the frequency or severity of existing violation; and 3) will not delay attaining the NAAQS. A demonstration is conducted by comparing emissions estimates generated from implementation of LRTPs and TIPs for analysis years to the motor vehicle emissions budgets (MVEBs) contained in the maintenance SIP.

The purpose of this report is to document the process and findings of the transportation conformity analysis for the conformity area.

1.2 Conformity Area and Conformity

The conformity area consists of two counties: Kent and Ottawa. Within the boundary is the MPO of Grand Valley Metro Council (GVMC) and parts of the West Michigan Metropolitan Transportation Planning Program (WestPlan) and Macatawa Area Coordinating Council (MACC), as well as the rural projects contained in the State Transportation Improvement Program (STIP).

Findings of the transportation conformity analysis are for projects contained within the conformity area. Projects in the 2040 LRTPs have not changed since the previous analysis and are included in the modeling but not in the project lists. Projects evaluated for this analysis:

- GVMC 2020-2023 TIP,
- WestPlan 2020-2023 TIP projects in Ottawa County,
- MACC 2020-2023 TIP projects in Ottawa County, and
- STIP in Kent and Ottawa counties.

1.3 Conformity Finding

The staff of the GVMC, WestPlan, and MACC finds that the LRTPs and TIPs conform to the SIP for the 1997 ozone standard based on the results of this conformity analysis. This report makes the determination that the region’s transportation plan and programs satisfy all applicable criteria and procedures in the conformity regulations.

This conformity analysis document was subject to public comment periods. For GVMC, that period was March 25 - May 8, 2019; for WestPlan, March 28 - April 17, 2019; and for MACC, April 2 - 22, 2019.

The MPO policy committee made a formal conformity determination, through a resolution, at the GVMC Policy Committee on May 15, 2019; the WestPlan Policy Committee on April 17, 2019; and the MACC Policy Committee on April 17, 2019.

1.4 Results of Conformity Analysis

Conformity is demonstrated when the analysis-year emissions are equal to or less than the SIP budget. For the 1997 ozone standard, as shown in Table 1, the emissions results for the analysis years show that the volatile organic compounds (VOC) and nitrogen oxides (NOx) emissions are lower than the SIP budgets; thus, conformity for the ozone standard is demonstrated.

Table 1: Results of 1997 Ozone Standard Conformity Analysis

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

2.0 Background and Attainment Status

2.1 Background

The Federal Clean Air Act Amendments of 1990 (CAAA) established rules to improve the air, protect public health, and protect the environment. The act requires the U.S. Environmental Protection Agency (EPA) to set, review, and revise the National Ambient Air Quality Standards (NAAQS) periodically.

The Clean Air Act links together air quality planning and transportation planning through the transportation conformity process. Air quality planning is controlled by Michigan's SIP, which includes the state's plans for attaining or maintaining the NAAQS. The main transportation planning tools are the metropolitan LRTP and the metropolitan TIP. Transportation conformity ensures that federal funding and approval are given to highway and transit activities that are consistent with the SIP and that these activities will not affect Michigan's ability to achieve the NAAQS.

Transportation activities that are subject to conformity are LRTPs, TIPs, and all non-exempt federal projects that receive Federal Highway Administration (FHWA) or Federal Transit Administration (FTA) funding or approval. The conformity process ensures emissions from LRTP, TIP, or projects are within acceptable levels specified within the SIP and meet the goals of the SIP.

Transportation conformity only applies to on-road sources and transportation-related pollutants: ozone, particulate matter (particulate sizes 2.5 and 10), nitrogen dioxide, and carbon monoxide.

In addition to emissions that are directly emitted, regulations specifically require certain precursor pollutants to be addressed. Precursor pollutants are those pollutants that contribute to the formation of other pollutants. For example, ozone is not directly emitted but created when NO_x and VOC react with sunlight.

When the EPA revises a NAAQS, all areas of the country are evaluated to determine if monitored levels of the pollutant are at or below the standard; these areas are classified as attainment. If the pollutant level is above the standard, these areas are classified as nonattainment. MPOs in areas classified as nonattainment or maintenance must conduct conformity analysis on their transportation programs.

2.2 Attainment Status

On April 15, 2004, the EPA issued final designations of areas not attaining the 1997 ozone NAAQS (also referred to as 1997 ozone standard). Kent and Ottawa counties were designated a nonattainment area.

On May 16, 2007, the EPA redesignated the area attainment/maintenance, approving and finding adequate motor vehicle emissions budgets for VOC and NO_x for the year 2018. Placing the area into maintenance, this requires conformity emissions to be compared to the motor vehicle emission budgets contained in the SIP, referred to as SIP budgets.

On July 20, 2012, the EPA designated all of Michigan as attainment for the strengthened 2008 ozone NAAQS.

On July 20, 2013, the EPA partially revoked the 1997 ozone standard, revoking the requirement to do transportation conformity for areas that were in maintenance.

On April 6, 2015, the EPA completely revoked the 1997 ozone standard, which resulted in removal of all transportation conformity requirements.

On April 23, 2018, the FHWA, complying with the court's decision in *South Coast Air Quality Management District v. EPA*, started requiring areas in the country that were in maintenance for the 1997 ozone standard and attainment for the 2008 ozone standard to conduct conformity. Later, this was amended to require MPOs to have a conformity in place on Feb. 16, 2019, and conduct conformity going forward.

On Aug. 3, 2018, the EPA designated both Kent and Ottawa counties as attainment for the strengthened 2015 ozone NAAQS (also referred to as 2015 ozone standard).

2.3 SIP Budgets

The Grand Rapids Conformity Area has existing maintenance budgets from the 1997 ozone standard maintenance SIP. Regulations require use of these budgets to test against for the ozone standard. Emissions generated must be equal to or less than the SIP budgets, also referred to as the MVEB. MVEB is the portion of the total allowable emissions allocated to highway and transit vehicle use in the maintenance or nonattainment area. By showing emissions are below the MVEB, the LRTPs and TIPs are conforming to the SIP.

3.0 Interagency Consultation

Consultation with federal, state, and local transportation authorities is conducted through the Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG). Types of issues discussed can include evaluating and choosing emission models and methods, determining regionally significant projects, procedures for MITC-IAWG meetings, and rules for reviewing projects.

A MITC-IAWG was held on March 15, 2019, to review projects; individuals attended in person or by conference call. A summary of the MITC-IAWG meeting and relevant interagency consultation correspondence related to this conformity is in Appendix A. Copies of this conformity analysis were sent to each MITC-IAWG member to review and comment.

4.0 Public Participation

The Public Participation Plan adopted by the MPO Policy Committee establishes the procedures by which the MPOs reach affected public agencies and the public. The same procedures were followed for this document, ensuring the public has an opportunity to review and comment before the MPOs make a determination.

Formal public comment periods for the draft Air Quality Conformity Analysis were held for GVMC March 25 - May 8, 2019; for WestPlan March 28 - April 17, 2019; and for MACC April 2 - 22, 2019. Public comments received and responses to those comments are in Appendix B. No comments were received.

5.0 Modeled Project in Conformity Analysis

All projects in the MPOs' 2020 - 2023 TIPs and STIP projects were evaluated for inclusion in the analysis. Projects classified as non-exempt must be analyzed. Projects with exempt classification that can be modeled with the travel demand model were modeled. Appendix C includes a complete list of the projects evaluated for, and included, in this analysis. Projects in the 2040 LRTPs have not changed since the previous analysis and are included in the modeling but not in the project lists.

6.0 Transportation Modeling

6.1 Travel Demand Forecasting Models

Nonattainment areas are established independent of MPO boundaries. The conformity area is covered by three travel demand forecasting models: the GVMC, WestPlan, and MACC models. Each of these models were developed in TransCAD modeling software and using the latest demographic and employment data available to generate estimates of travel, vehicle miles of travel (VMT), and speeds. Detailed documentation on each of these models is contained in separate documents available upon request.

6.1.2 GVMC Model

The GVMC model covers all of Kent County and the eastern part of Ottawa County. It was developed by GVMC and is a standard four-step model, with a base year of 2010 and horizon year of 2040. Each of the four steps - trip generation, trip distribution, mode choice, and traffic assignment - are checked for reasonableness against national standards. Final model validation verifies that the assigned volumes replicate actual traffic counts. The decennial 2010 census is the source of population and household base data. Employment data is developed from a private business database verified with local knowledge. Future data is based on the Regional Economic Models, Inc. (REMI) economic and demographic forecasts. The University of Michigan and MDOT jointly develop county-specific forecast data.

6.1.3 WestPlan Model

The WestPlan model covers all of Muskegon County and the northwest portion of Ottawa County. Only the part in Ottawa County is considered for this analysis. The model was developed by MDOT and is a standard four-step model with time of day, a base year of 2010 and horizon year of 2040. Each of the four steps - trip generation, trip distribution, mode choice, and traffic assignment - are checked for reasonableness against national standards. Final model validation verifies that the assigned volumes replicate actual traffic counts. The decennial 2010 census is the source of population and household base data. Employment data is developed from a private business database verified with local knowledge. Future data is based on REMI economic and demographic forecasts. The University of Michigan and MDOT jointly develop county-specific forecast data.

6.1.4 MACC Model

The MACC model covers the greater Holland and Zeeland area and is half in Allegan County and half in Ottawa County. Only the part in Ottawa County is considered for this analysis. It was developed by MDOT and is a standard four-step model with time of day, a base year of 2010 and horizon year of 2040. Each of the four steps - trip generation, trip distribution, mode choice, and traffic assignment - are checked for reasonableness against national standards. Final model validation verifies that the assigned volumes replicate actual traffic counts. The decennial 2010 census is the sources of population and household data. Future socio-economic data for the horizon year was created using the Community Viz scenario planning tool. The scenario used for the horizon year was based off growth trends from the American Community Survey data. Employment data is developed from a private business database verified with local knowledge. Future data is based on REMI economic and demographic forecasts. The University of Michigan and MDOT jointly develop county-specific forecast data.

6.1.5 Coding Travel Demand Model Links for NFC by Urban and Rural

For emission modeling, the National Functional Classification (NFC) system is used to determine the function of roads; however, NFCs after 2010 do not distinguish roads by urban and rural. The emission model, Motor Vehicle Emission Simulator (MOVES), requires roads to be classified as urban or rural. MOVES requires roads to be grouped into one of four road types: rural restricted, rural unrestricted, urban restricted, and urban unrestricted. To determine a road's urban or rural status, roads within the adjusted census urban boundary were considered urban and those outside as rural. NFCs designated as interstate and other freeways are considered restricted while all others are considered unrestricted. The Michigan Geographic Framework (GIS digital base map) was used to combine NFC with adjusted census urban boundary to generate MOVES road types for the network.

6.1.6 Highway Performance Monitoring System (HPMS)

The EPA and FHWA endorse HPMS as the source of VMT estimates. The travel demand modeling VMT is aggregated by NFC road types for the county then normalized to HPMS data for the base year/validation year of the travel demand models. Normalization factors were applied to all analysis years.

6.2 Analysis Years

Analysis years were determined by the MITC-IAWG. Projects requiring modeling are grouped into an analysis year based on the projects open to traffic date. Emissions are generated for each analysis year.

Analysis Year	Reason
2020	Interim year (so analysis years not more than 10 years apart)
2030	Interim year (so analysis years not more than 10 years apart)
2040	Last year of long-range transportation plans

7.0 Latest Planning Assumptions

7.1 Demographic Data

The most current and future assumptions developed or approved by the MPO were used in the development of the travel demand models. Table 2 shows base and future year population and employment by county from the travel demand models.

Table 2: Base and Future Year Population and Employment by County

County	Population		Employment	
	2010	2040	2010	2040
Kent County	602,607	658,463	391,786	456,265
Ottawa County	236,716	275,601	101,828	115,377

7.2 Vehicle Miles of Travel

Vehicle miles of travel (VMT) is one measure of travel. Current and future levels of travel and growth rates are provided in Table 3.

Table 3: Vehicle Miles of Travel and Growth Rate by County

	Analysis year			
Kent County	Base Year 2010	2020	2030	2040
VMT	15,658,125	16,308,423	17,053,279	17,732,732
Growth Rate	1.000	1.042	1.089	1.132
	Analysis year			
Ottawa County	Base Year 2010	2020	2030	2040
VMT	6,119,783	6,394,850	6,760,767	7,128,632
Growth Rate	1.000	1.045	1.105	1.165

7.3 Vehicle Hours of Travel

Vehicle hours of travel (VHT) is an indicator of congestion. Current and future levels are provided in Table 4.

Table 4: Vehicle Hours of Travel by County

	Analysis year			
Kent County	Base Year 2010	2020	2030	2040
VHT	369,445	386,565	405,037	420,376
	Analysis year			
Ottawa County	Base Year 2010	2020	2030	2040
VHT	159,205	161,565	172,964	183,266

7.4 Transportation Control Measures

There are no transportation control measures (TCMs) identified in the applicable state implementation plan. Thus, no measures are included at this time.

8.0 Emission Modeling

8.1 MOVES Specifications

The EPA's MOVES version MOVES2014b was used to generate emissions. Ozone is formed in the presence of heat and sunlight, so the highest ozone concentrations are monitored during the summer. This conformity analysis involves generating a summer (July) weekday emissions to simulate the meteorology of a high-ozone summer day.

8.2 Road Type Distribution

HPMS data is used to create MOVES road-type distribution fractions. County-level HPMS passenger data is used for motorcycle and passenger vehicles, and commercial HPMS is used for trucks and buses. HPMS VMT is aggregated to MOVES road types then converted to a fraction, generating a road-type distribution.

8.3 Average Speed

Speed distributions are created using a method developed by EPA for taking a single average speed and creating a distribution. The method generates an average speed fraction by MOVES road type, by day, by hour, and speed bin from speeds generated by the travel demand forecasting models. The same distribution is used for each vehicle type.

8.4 Ramp Fraction

The default VHT ramp fraction of 8 percent was used.

8.5 Average Weekday VMT to Annual VMT

Monthly VMT adjustment factors were obtained from MDOT's data collection area. The EPA's AADVT Converter-Tool MOVES 2014 was used to convert annual average daily VMT to annual VMT, monthly VMT fractions, and daily VMT fractions. Hourly fractions use MOVES default data. For motorcycles, the monthly fractions use MOVES defaults since local data is limited. Future analysis years utilize the same fractions.

8.6 Vehicle Population

The source of the vehicle population is the Michigan Secretary of State (SOS) vehicle registration database of 2012. The database was supplemented with school bus data from the Michigan Department of Education and MDOT public transit bus data. The EPA's default distributions were used to determine intercity bus, refuse truck, single-unit truck, and combination truck categories. The SOS data must be converted to MOVES source (vehicle)

types. Table 5 shows how vehicle body style combined with plate type and company code is used to obtain MOVES vehicle types.

Future year vehicle population is based on growth in VMT from base year to analysis year. The growth rate is applied to all MOVES vehicle types. Table 3 shows the VMT for each analysis year and growth rate.

8.7 Vehicle Age Distribution

MOVES requires vehicle age as one of the local data inputs. The Michigan SOS vehicle registration database of 2012 was the source of vehicle ages. Vehicles are assigned to an age group, from 0 to 30-plus, based on model year indicated in the SOS database, with 0 being the newest vehicles (2012 or newer) and each year is its own group until vehicles are 30 years and older, which are aggregated into the 30-plus group. The SOS database is sorted by MOVES vehicle types and age. For intercity buses, refuse trucks, single-unit trucks, and combination trucks, the EPA's default age distribution are used to calculate splits in population because of limited numbers. Base-year age distribution fractions were used for all future years.

8.8 Other Local Data

The MOVES model allows input for other types of local data, if available. This conformity demonstration used default meteorology data since the budgets were developed using default data; thus, analysis should also. Lacking local data, defaults were used for hoteling (truck parking) and starts. The default fuel data is correct for Michigan.

9.0 Conclusion

Conformity has a two-step approval process. The MPOs must make a formal conformity determination through a resolution that the findings of this conformity analysis conform to the SIP; thus, emissions are at or below the budgets found in the SIP. Then FHWA, jointly with the FTA, after consultation with the EPA, issues a letter of concurrence with the determination.

The conformity analysis described here and conducted by MDOT, with support of GVMC, WestPlan, and MACC, concludes that the GVMC 2040 LRTP and 2020-2023 TIP, and the parts of the WestPlan 2040 LRTP and 2020-2023 TIP and the parts of the MACC 2040 LRTP and 2020-2023 TIP contained in the conformity area, along with the projects in the 2020-2023 STIP, meet all applicable requirements for conformity for the 1997 ozone standard; thus, it is recommended for approval by FHWA.

Table 5: MOVES Source Types from SOS Body Style, Plate Type, and Company Code

MOVES Source Type	SOS Body Style, Plate Type, and Company Code
11 – Motorcycles	Motorcycles
21 – Passenger Cars	Two-Door Four-Door Convertible Roadster Low-Speed
31 – Passenger Trucks	Station Wagon Pickup Van Hearse with Plate Type, Personal Ambulance with Plate Type, Personal Panel Van with Plate Type, Personal
32 – Light Commercial Trucks	Pickup Commercial or Company Van Commercial or Company Hearse Commercial or Company Ambulance Commercial or Company Panel Van Commercial or Company Utility Truck Wrecker
40 – Buses (MOVES: 41*, 42, 43)	Bus; Supplemented with Other Data Sources
50 – Single-Unit Trucks* (MOVES: 51, 52, 53)	Dump Truck Mixer Truck Stake Truck
54 – Motorhomes	Motorhome
60 – Combination Trucks* (MOVES: 61, 62)	Tractor Trailer Tanker

* The EPA default age distribution is applied to calculate individual MOVES Source Type categories.

Appendix A: Meeting Summary of the Interagency Workgroups

Summary of Meeting

Michigan Transportation Conformity Interagency Workgroup (MITC- IAWG)
Grand Rapids (Kent and Ottawa Counties) Conformity Area
For New 2020 – 2023 TIPs

9 – 10 a.m. (EDT), Friday, March 15, 2018

BTP Third floor, Van Wagoner Transportation Building, Lansing, MI

<u>Name</u>	<u>Agency</u>
In attendance:	
Andrea Dewey	Federal Highway Administration (FHWA)
Breanna Bukowski	Michigan Department of Environmental Quality (DEQ)
Michael Leslie	Environmental Protection Agency (EPA)
Susan Weber	Federal Transit Administration (FTA)
Donna Wittl	Michigan Department of Transportation (MDOT)
Amy Haack	Muskegon MPO (WestPlan)
Brian Mulnix	Muskegon MPO (WestPlan)
Joel Fitzpatrick	Muskegon MPO (WestPlan)
Carolyn Ulstad	Holland MPO (MACC)
George Yang	Grand Rapids MPO (GVMC)
Laurel Joseph	Grand Rapids MPO (GVMC)
Andrea Faber	Grand Rapids MPO (GVMC)
William Loehle	MDOT
Tom Doyle	MDOT
David Fairchild	MDOT
Jon Roberts	MDOT
Ryan Gladding	MDOT
Eric Mullen	MDOT

Attendance at the meeting was in person or teleconferencing with web linking.

Michigan Transportation Conformity Interagency Workgroup (MITC-IAWG) for three Conformity Areas.

- 1) Grand Rapids (Kent and Ottawa counties) for 1997 ozone standard Conformity Area
- 2) Muskegon County for 1997 and 2015 ozone standard Nonattainment Area
- 3) Allegan County for 1997 and 2015 ozone standard Nonattainment Area

Agenda:

- 1) Review analysis years and model information
- 2) Existing rules

3) Review project lists

- a. MACC project list for New 2020-23 TIP in Ottawa County
- b. MACC project list for New 2020-23 TIP in Allegan County
- c. GVMC project list for New 2020-23 TIP
- d. WestPlan project list for New 2020-23 TIP in Ottawa County
- e. WestPlan project list for New TIP 2020-23 in Muskegon County
- f. STIP project list for Allegan, Ottawa, and Kent counties

With the overlapping MPO boundaries within the Grand Rapids Conformity Area, a joint MITC-IAWG was held for the three nonattainment/conformity areas. The same meeting summary is duplicated for each of the three areas, with only projects in that nonattainment/conformity area attached.

Analysis Years: The analysis years used in the last analysis will be used for any new analysis. Analysis years are 2020, 2030, 2040 for Muskegon and Grand Rapids. Allegan has the additional year of 2021. If modeling is required, the same modeling process will be used as in the last analysis.

Existing rule and new rule:

Existing rule: definition of an air quality regionally significant project:

Transportation project on a facility which serves regional transportation needs (access to and from the areas) from outside the region, access to major activity centers (and new centers of activity malls, sporting, transportation terminals) and would normally be included in the travel demand model.

At a minimum includes principal arterials (national functional classification 1, 2, and 3) and fixed guideway transit that offer an alternative to regional highway travel.

New Rule: during the meeting a new rule was established:

Adding a center turn lane of 1 mile or less will not trigger a new conformity analysis but will be included in the next conformity analysis.

It was mentioned that MPOs need to pay special attention to resurfacing projects. Even though their description states resurfacing, it is possible they could be resurfaced and striped with fewer lanes (a road diet). Please be aware and try to make sure the descriptions reflect what is taking place on the road.

The group discussed if a new analysis is required, the analysis would include the long-range transportation plan (LRTP) projects, too. A new analysis would change projects in the years 2020 to 2023 but the LRTP projects should also be in the travel demand model.

The fields needed for air quality review by the IAWG was discussed and the decision to use those provided in the GVMC project for this review should be used going forward.

The MITC-IAWG reviewed projects in for all three areas. A summary of each area is provided below.

The Allegan County Nonattainment Area

All projects in the MACC's 2020 - 2023 TIP and in the 2020-2023 STIP in Allegan County were determined exempt and no new conformity analysis required.

The Grand Rapids (Kent and Ottawa counties) Conformity Area

GVMC: projects in GVMC's 2020 - 2023 TIP were determined to be non-exempt and a new conformity analysis is required.

MACC: projects in Ottawa County were determined exempt.

WestPlan: projects in Ottawa County would be run in next run or were determined exempt.

STIP: projects in Ottawa and Kent counties were determined exempt.

A new conformity analysis is required for the Grand Rapids Conformity Area.

The Muskegon County Nonattainment Area

All projects in the WestPlan's 2020 - 2023 TIP in Muskegon County were determined exempt and no new conformity analysis required.

Appendix B: Public Comments and Responses

No comments were received.

Appendix C: Projects Included in Conformity Analysis

The list of projects begins on the following page.

Grand Rapids (Kent and Ottawa Counties) Conformity Area

Grand Valley Metro Council (GVMC) New TIP Projects

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2020	Local	130586	GVMC	Kent	Kent County	Segwun Ave SE	South of Segwun Avenue to Grand River Drive	0.347	Minor Widening	Widen from 2 to 3 Lanes to add center turn lane	Non-Exempt	Can model this now, but would like to discuss with IAWG whether an amendment would trigger an analysis on this type of project	CON	\$0	\$713,014	\$178,254	\$891,268	EDC
2020	Local	130581	GVMC	Kent	Kent County	84th St	Division Avenue to Eastern Avenue	0.975	Major Widening	Reconstruct from 2 to 3 lane	Non-Exempt		CON	\$0	\$1,040,261	\$260,065	\$1,300,326	EDC
2020	Local	130587	GVMC	Kent	Kent County	Spaulding Ave	Ada Drive to Cascade Road	0.450	Reconstruction	Reconstruction and Widening	Non-Exempt	Was modeled in the FY17-20 conformity analysis. Removing from the TIP because it was already built	CON	\$640,000	\$0	\$160,000	\$800,000	STL
2020	Local	206391	GVMC	Kent	Kent County	68th St SW	From Burlingame Avenue to Clyde Park Avenue	1.004	Major Widening	Widening from 2 to 3 Lanes to add center turn lanes	Non-Exempt		CON	\$566,500	\$0	\$233,500	\$800,000	EDCF
2020	Trunkline	123324	GVMC	Kent	MDOT	I-96 WB	At M-21	0.001	Major Widening	I-96 WB Weave-Merge lane and add M-21 WB off ramp	Non-Exempt	This was modeled in the FY17-20 analysis	CON	\$1,526,503	\$338,498	\$0	\$1,865,000	CM
2021	Trunkline	123325	GVMC	Kent	MDOT	I 96 EB	At M-21	0.001	Major Widening	I-96 EB Weave-Merge lane and add M-21 EB On Ramp	Non-Exempt	This was modeled in the FY17-20 analysis	CON	\$1,649,278	\$365,723	\$0	\$2,015,000	CM
2021	Trunkline	126117	GVMC	Kent	MDOT	M-57	Farland Ave East to Ramsdell Dr	2.010	Traffic Safety	Passing Relief Lanes	Non-Exempt		CON	\$3,827,700	\$425,300	\$0	\$4,253,000	HSIP
2021	Local	206009	GVMC	Kent	Kentwood	32nd St SE	Breton Avenue to Shaffer Avenue	1.000	Major Widening	Widen and Reconstruct adding Center Turn Lanes	Non-Exempt		CON	\$0	\$1,200,000	\$1,400,000	\$2,600,000	EDC
2022	Local	205562	GVMC	Kent	Kent County	68th St SE	Plaster Creek to Hanna Lake Avenue	0.593	Major Widening	Widening from 4 to 5 lanes	Non-Exempt		CON	\$0	\$1,200,000	\$300,000	\$1,500,000	EDC
2022	Local	206961	GVMC	Kent	Kent County	Cascade Rd SE	36th to Whitneyville Avenue	0.813	Major Widening	Widening from 2 to 3 Lanes	Non-Exempt		CON	\$0	\$1,120,000	\$280,000	\$1,400,000	EDC
2020	Local	130577	GVMC	Kent	Kentwood	Burton St	Burton/East Paris Intersection	0.001	Minor Widening	Add right turn lanes on NE and NW quads	Exempt		CON	\$184,600	\$0	\$75,400	\$260,000	CM
2020	Local	130578	GVMC	Kent	Wyoming	Byron Center Ave	At 44th Street	0.001	Minor Widening	Add NB RT Only Lane	Exempt		CON	\$142,000	\$0	\$58,000	\$200,000	CM
2020	Local	130736	GVMC	Kent	Walker	Three Mile Road	Walker Avenue at 3 Mile Road	0.001	Traffic Safety	Add dual lefts from EB 3 Mile Road to NB Walker	Exempt		CON	\$320,000			\$320,000	CM
2020	Local	206385	GVMC	Ottawa	Hudsonville	32nd Ave	I-196 Bridge to Corporate Grove Drive	0.245	Minor Widening	Left Turn Lane	Exempt	intersection improvement	CON	\$280,000	\$0	\$70,000	\$350,000	STU
2022	Local	206351	GVMC	Kent	Kentwood	East Paris Ave SE	East Paris Ave. at 28th St.	0.133	Minor Widening	Add right turn lane	Exempt	interrsection improvement	CON	\$128,000	\$0	\$32,000	\$160,000	CM
2022	Trunkline	127477	GVMC	Kent	MDOT	I-196 (WB)	M-11 East 0.74 Miles	0.733	Major Widening	Extend Off Ramp	Exempt	auxiliary lane less than a mile	CON	\$2,250,875	\$499,125	\$0	\$2,750,000	CM
2022	Trunkline	201136	GVMC	Ottawa	MDOT	I-196	48th Avenue to 32nd Avenue	6.874	Traffic Safety	Shoulder Widening and Median Crossovers for Maintenance of Traffic	Exempt	temporary- lanes will remain the same during and after construction	CON	\$453,600	\$50,400	\$0	\$504,000	IM
2023	Local	206352	GVMC	Ottawa	Hudsonville	32nd Ave	32nd Avenue	0.209	Minor Widening	Left Turn Lane	Exempt	intersection improvement	CON	\$160,000	\$0	\$40,000	\$200,000	CM
2023	Trunkline	201942	GVMC	Kent	MDOT	US-131	US-131 NB and SB	4.104	Traffic Safety	Queue management system	Exempt	using ITS for ramp metering	CON	\$1,195,203	\$132,800	\$0	\$1,328,003	HSIP
2020	Local	130546	GVMC	Kent	ITP-The Rapid	Ellsworth Ave	Areawide	0.001	Operation Improvements	Rideshare program	Exempt		EPE	\$165,454	\$0	\$0	\$165,454	CMG
2020	Local	130558	GVMC	Kent	ITP-The Rapid	Ellsworth Ave	Areawide	0.001	Transit	4 Replacement VanPool Vans	Exempt		EPE	\$100,000	\$25,000	\$0	\$125,000	CM
2020	Local	130562	GVMC	Kent	ITP-The Rapid	Ellsworth Ave	Areawide	0.001	Transit	Replacement 40' buses/CNG (3)	Exempt		EPE	\$1,070,000	\$267,500	\$0	\$1,337,500	CM
2020	Local	130564	GVMC	Kent	GVMC	Front Ave	Areawide	0.001	Planning, Research & Design	Clean Air Action Days	Exempt		CON	\$80,000	\$0	\$20,000	\$100,000	CM
2020	Local	200243	GVMC	Ottawa	Hudsonville	New Holland St	New Holland Street North Side of street, City of Hudsonville	0.274	Roadside Facilities - Improve	10' wide Non-motorized Pathway N of New Holland St, E of Buttermilk Creek	Exempt		CON	\$151,200	\$0	\$125,146	\$276,346	TAU
2020	Local	203234	GVMC	Ottawa	Ottawa County	12th Ave	10th Ave/Golfside to 12th Avenue, Georgetown Twp	1.608	Roadside Facilities - Improve	Grand River Greenway Trail Phase III (Cottonwood Drive to Bend Area)	Exempt		CON	\$260,007	\$0	\$173,338	\$433,345	TA
2020	Local	203653	GVMC	Kent	Kent County	Burton St SE	Burton St from Patterson Avenue to Highridge Hills Lane (Pvt.), Cascade Twp	0.364	Roadside Facilities - Improve	Burton Street Trail from Patterson Avenue to Highridge Hills Lane (Pvt.)	Exempt		CON	\$1,286,669	\$0	\$692,821	\$1,979,490	TA
2020	Local	205248	GVMC	Kent	Grand Rapids	Plainfield Ave NE	Plainfield Ave from I-96 to 390' N or Salerno Dr	0.225	Roadside Facilities - Improve	5ft Sidewalk both sides	Exempt		CON	\$192,499	\$0	\$304,400	\$496,899	TAU
2020	Local	129687	GVMC	Ottawa	Ottawa County	Adams Street	48th Avenue to 24th Avenue	3.022	Road Capital Preventive Maintenance	Ashpalt Overlay and shoulder widening	Exempt		CON	\$0	\$73,179	\$0	\$73,179	EDD
2020	Local	129687	GVMC	Ottawa	Ottawa County	Adams Street	48th Avenue to 24th Avenue	3.022	Road Capital Preventive Maintenance	Ashpalt Overlay and shoulder widening	Exempt		CON	\$1,107,867	\$0	\$268,954	\$1,376,821	STL
2020	Local	130592	GVMC	Kent	Wyoming	Byron Center Ave	South City Limit to 44th Street	2.028	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$520,000	\$0	\$130,000	\$650,000	NH
2020	Local	130592	GVMC	Kent	Wyoming	Byron Center Ave	South City Limit to 44th Street	2.028	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$550,000	\$0	\$140,000	\$690,000	STU
2020	Local	130593	GVMC	Kent	Kentwood	52nd St	Broadmoor to Patterson Avenue	0.358	Road Rehabilitation	Mill and fill	Exempt	phase being supended	CON	\$500,000	\$0	\$125,000	\$625,000	STU
2020	Local	130595	GVMC	Ottawa	Ottawa County	Port Sheldon St	44th Street to Main Street	2.493	Road Rehabilitation	Resurface	Exempt		CON	\$620,000	\$0	\$450,000	\$1,070,000	STU
2020	Local	130597	GVMC	Ottawa	Ottawa County	44th St	Chicago Drive to 8th Avenue	1.685	Road Rehabilitation	Resurface	Exempt		CON	\$400,000	\$0	\$440,000	\$840,000	STU

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2020	Local	130602	GVMC	Kent	Grand Rapids	Hall St	Division Avenue to Jefferson Avenue	0.174	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$100,000	\$0	\$25,000	\$125,000	STU
2020	Local	130605	GVMC	Kent	Grand Rapids	Walker Ave	Stocking Avenue to Leonard Street	1.072	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$580,000	\$0	\$145,000	\$725,000	STU
2020	Local	130606	GVMC	Kent	Grand Rapids	Madison Ave	28th Street to Alger Street	0.507	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$284,000	\$0	\$71,000	\$355,000	STU
2020	Local	130607	GVMC	Kent	Grand Rapids	Alger St	Madison Avenue to Eastern Avenue	0.501	Road Rehabilitation	Reconstruction/rotomill/resurface	Exempt		CON	\$532,000	\$0	\$133,000	\$665,000	STU
2020	Local	130608	GVMC	Kent	Grand Rapids	Ottawa Ave	Fulton Street to Michigan Street	0.532	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$284,000	\$0	\$71,000	\$355,000	STU
2020	Local	130610	GVMC	Kent	Grand Rapids	Eastern Ave	Ardmore Street to Oakdale Street	0.626	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$500,000	\$0	\$125,000	\$625,000	STU
2020	Local	130611	GVMC	Kent	Grand Rapids	Lake Dr SE	Lake Drive - Atlas Ave to ECL	0.273	Road Rehabilitation	Rotomill and Resurface	Exempt		CON	\$400,000	\$0	\$100,000	\$500,000	STU
2020	Local	206383	GVMC	Kent	Walker	Sunset Hills Ave NW	Lake Michigan Drive to Jason Ridge Lane	0.604	Road Rehabilitation	Resurface	Exempt		CON	\$320,000	\$0	\$80,000	\$400,000	STU
2020	Local	206386	GVMC	Kent	Kentwood	44th St SE	Breton Avenue to Shaffer Avenue	1.002	Road Rehabilitation	Mill and Resurface	Exempt		CON	\$500,000	\$0	\$125,000	\$625,000	STU
2020	Local	206386	GVMC	Kent	Kentwood	44th St SE	Breton Avenue to Shaffer Avenue	1.002	Road Rehabilitation	Mill and Resurface	Exempt		CON	\$183,000	\$0	\$45,750	\$228,750	NH
2020	Local	206388	GVMC	Kent	Rockford	Courtland St NE	Courtland/Northland from Monroe to Wolverine	0.887	Road Rehabilitation	Resurface	Exempt		CON	\$396,000	\$0	\$99,000	\$495,000	STU
2020	Local	206389	GVMC	Kent	Kent County	68th St SW	Byron Center Avenue to Burlingame Avenue	1.032	Road Rehabilitation	Resurface	Exempt		CON	\$646,500	\$0	\$253,500	\$900,000	EDCF
2020	Local	130566	GVMC	Kent	Grand Rapids	Market Ave	various locations	0.001	Traffic Safety	Signal detection install/upgrades var locations	Exempt		CON	\$142,000	\$0	\$58,000	\$200,000	CM
2020	Local	130568	GVMC	Kent	Grand Rapids	Market Ave	Various	0.001	Traffic Safety	Signal optimization @ up to 120 Fed aid locations	Exempt		CON	\$213,000	\$0	\$87,000	\$300,000	CM
2020	Local	130573	GVMC	Kent	Walker	3 Mile Rd	Walker Avenue at 3 Mile Road	0.001	Minor Widening	Add dual lefts from EB 3 Mile Road to NB Walker	Exempt	phase being abandoned	CON	\$320,000			\$320,000	CM
2020	Local	130827	GVMC	Kent	Grand Rapids	Market Ave	Areawide	0.001	Traffic Safety	Regional Signal System TMS Operations	Exempt		EPE	\$528,000	\$0	\$132,000	\$660,000	CM
2020	Local	207422	GVMC	Kent	Grand Rapids	East Paris Avenue SE	East Paris Avenue SE at Burton Street SE, city of Grand Rapids	0.052	Traffic Safety	Traffic signal modernization	Exempt		CON	\$162,400	\$0	\$40,600	\$203,000	HSIP
2020	Local	207424	GVMC	Kent	Grand Rapids	Fuller Avenue NE	Fuller Ave at Malta, Short, Bradford, and Sweet St, city of Grand Rapids	0.068	Traffic Safety	Traffic signal modernization, pedestrian hybrid beacon	Exempt		CON	\$331,155	\$0	\$36,795	\$367,950	HSIP
2020	Local	207426	GVMC	Kent	Grand Rapids	Fuller Avenue NE	Fuller Ave at Leonard, Knapp, Averdeen, and 3 Mile Rd, city of Grand Rapids	0.114	Traffic Safety	Traffic signal modernization	Exempt		CON	\$476,203	\$0	\$52,912	\$529,115	HSIP
2020	Trunkline	118616	GVMC	Ottawa	MDOT	I-196 (EB)	West of 32nd Avenue east to East of the Ottawa/Kent County Line	5.303	Reconstruction	Reconstruction	Exempt		CON	\$19,800,000	\$2,200,000	\$0	\$22,000,000	IM
2020	Trunkline	129341	GVMC	Ottawa	MDOT	I-196	I-196 from 32nd Ave to 44th St.	4.839	ITS Applications	Traffic Surveillance Cameras	Exempt		CON	\$409,250	\$90,750	\$0	\$500,000	ST
2020	Local	130555	GVMC	Kent	ITP-The Rapid	Ellsworth Ave	Areawide	0.001	Planning, Research & Design	Free rides on Clean Air Action Days	Exempt		EPE	\$40,000	\$10,000	\$0	\$50,000	CM
2020	Local	130580	GVMC	Kent	Kent County	Fruit Ridge Ave	6 Mile Road to 7 Mile Road	0.998	Reconstruction	Reconstruct Existing	Exempt		CON	\$877,000	\$0	\$323,000	\$1,200,000	STL
2020	Local	130589	GVMC	Kent	GVMC	Areawide	Areawide	0.000	Planning, Research & Design	Planning Studies	Exempt		EPE	\$150,000	\$0	\$37,500	\$187,500	STU
2020	Local	130594	GVMC	Kent	Kent County	84th St	Kalamazoo Avenue to Breton Avenue	1.004	Reconstruction	Reconstruction	Exempt		CON	\$1,120,000	\$0	\$280,000	\$1,400,000	STU
2020	Local	130600	GVMC	Kent	Grand Rapids	Hall St	Fuller Avenue to Colorado Avenue	0.298	Reconstruction	Reconstruction	Exempt		CON	\$400,000	\$0	\$100,000	\$500,000	STU
2020	Local	130604	GVMC	Kent	Grand Rapids	Hall St	Kalamazoo Avenue to Fuller Avenue	0.289	Reconstruction	Reconstruction	Exempt		CON	\$400,000	\$0	\$100,000	\$500,000	STU
2020	Local	130612	GVMC	Kent	Grand Rapids	Division Ave	Wealthy Street to Cherry Street	0.248	Reconstruction	Reconstruction	Exempt		CON	\$127,709			\$127,709	STU
2020	Local	130653	GVMC	Kent	Grand Rapids	Alger St	Eastern Avenue to Kalamazoo Avenue	0.732	Reconstruction	Reconstruction	Exempt		CON	\$981,250	\$0	\$268,750	\$1,250,000	STU
2020	Trunkline	200162	GVMC	Kent	MDOT	M-37	Lake Eastbrook Boulevard north to I-96	3.665	Road Capital Preventive Maintenance	Full Depth Concrete Pavement Repairs, ADA Ramps	Exempt		CON	\$1,246,576	\$276,425	\$0	\$1,523,000	NH,HIPU
2020	Trunkline	200171	GVMC	Kent	MDOT	M-37	44th Street north to 32nd Street	1.771	Road Capital Preventive Maintenance	Milling and One Course Asphalt Overlay, ADA Ramps	Exempt		CON	\$713,732	\$140,463	\$17,805	\$872,000	NH
2020	Trunkline	200348	GVMC	Kent	MDOT	I-196BS	I196 EB OFF RAMP @ 44TH ST I-196 WB OFF-RAMP @ 44TH ST I196BS (CHICAGO DR) @ BURLINGAME (Sue survey ordered) US131 NB OFF RAMP @ PEARL,SCRIBNER	0.000	Traffic Safety	Traffic Signal Modernizations; connected vehicle installations.	Exempt		CON	\$784,944	\$0	\$0	\$784,944	STG
2020	Trunkline	200579	GVMC	Kent	MDOT	I-196	The Grand River east to Lane Avenue	2.501	Road Rehabilitation	Concrete Joint Repairs and High Friction Surface Treatment	Exempt		CON	\$3,870,000	\$430,000	\$0	\$4,300,000	IM
2020	Trunkline	200672	GVMC	Ottawa	MDOT	M-45	96th Ave to 68th Ave	6.095	Road Capital Preventive Maintenance	Milling & One Course Asphalt Overlay	Exempt		CON	\$660,920	\$145,080	\$0	\$806,000	NH
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1803-planning/studies	Urbanized Area Formula Grants	Exempt		NI	\$400,000	\$100,000	\$0	\$500,000	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1802-capital cost of contracting	Urbanized Area Formula Grants	Exempt		NI	\$720,000	\$180,000	\$0	\$900,000	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1801-preventative maintenance	Urbanized Area Formula Grants	Exempt		NI	\$960,000	\$240,000	\$0	\$1,200,000	5307

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1303-bus shelter purchase	Urbanized Area Formula Grants	Exempt		NI	\$8,160	\$2,040	\$0	\$10,200	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	Urbanized Area Formula Grants	Exempt		NI	\$16,000	\$4,000	\$0	\$20,000	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	Urbanized Area Formula Grants	Exempt		NI	\$40,800	\$10,200	\$0	\$51,000	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1409-administrative vehicle	Urbanized Area Formula Grants	Exempt		NI	\$61,200	\$15,300	\$0	\$76,500	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	Urbanized Area Formula Grants	Exempt		NI	\$76,000	\$19,000	\$0	\$95,000	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1207-architect and engineer	Urbanized Area Formula Grants	Exempt		NI	\$81,600	\$20,400	\$0	\$102,000	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1805-contingency	Urbanized Area Formula Grants	Exempt		NI	\$81,600	\$20,400	\$0	\$102,000	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1302-bus shelter improvements	Urbanized Area Formula Grants	Exempt		NI	\$41,052	\$10,263	\$0	\$51,315	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1406-security equipment - facilities	Urbanized Area Formula Grants	Exempt		NI	\$139,830	\$34,957	\$0	\$174,787	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1807-traffic signals (prioritization, upgrades, etc.)	Urbanized Area Formula Grants	Exempt		NI	\$259,147	\$64,787	\$0	\$323,934	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1402-fare collection	Urbanized Area Formula Grants	Exempt		NI	\$382,035	\$95,509	\$0	\$477,544	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	Urbanized Area Formula Grants	Exempt		NI	\$389,524	\$97,381	\$0	\$486,905	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	Urbanized Area Formula Grants	Exempt		NI	\$1,019,586	\$254,897	\$0	\$1,274,483	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1404-computers (hardware and software)	Urbanized Area Formula Grants	Exempt		NI	\$1,264,744	\$316,186	\$0	\$1,580,930	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1203-admin/ maintenance facility improvements	Urbanized Area Formula Grants	Exempt		NI	\$1,309,998	\$327,500	\$0	\$1,637,498	5307
2020	Multi-Modal	203323	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	Urbanized Area Formula Grants	Exempt		NI	\$2,983,186	\$745,797	\$0	\$3,728,983	5307
2020	Trunkline	206495	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region	Exempt		PE	\$1,653	\$184	\$0	\$1,837	HSIP
2020	Trunkline	206495	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region	Exempt		CON	\$592,043	\$65,783	\$0	\$657,825	HSIP
2020	Trunkline	206541	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	3.634	Traffic Safety	Special marking application on trunkline routes in Grand Region	Exempt		PE	\$1,653	\$184	\$0	\$1,837	HSIP
2020	Trunkline	206541	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	3.634	Traffic Safety	Special marking application on trunkline routes in Grand Region	Exempt		CON	\$162,068	\$18,008	\$0	\$180,075	HSIP
2020	Trunkline	206559	GVMC	Kent	MDOT	Grand Regionwide Pvmt Mrkg Retro Readings	All of GVMC MPO	2.113	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in Grand Region	Exempt		CON	\$3,749	\$417	\$0	\$4,165	HSIP
2020	Trunkline	206572	GVMC	Kent	MDOT	M-37 N	M37 (Alpine) @ 7 Mile Rd. M37 (Alpine) @ N Center Dr, Old Orchard M37 (ALPINE) @ CENTER DR,K MART DR M21 (FULTON) @ SPAULDING US-131 SB OFF RAMP @ 68TH ST US-131 SB OFF-RAMP @ MARKET AVE / CHERRY ST US131 NB OFF RAMP @ 68TH ST I96 EB OFF RAMP @ LEONA	0.000	Traffic Safety	Traffic Signal Modernization; connected vehicle installations	Exempt		ROW	\$5,000	\$0	\$0	\$5,000	STG
2020	Multi-Modal	203325	GVMC	Kent	ITP-The Rapid	Transit Capital	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	Bus and Bus Facilities Program	Exempt		NI	\$966,419	\$241,605	\$0	\$1,208,024	5339
2020	Multi-Modal	203321	GVMC	Kent	Hope Network, Inc.	Transit Operations	Areawide	0.000	P003-Elderly and Disabled	Enhanced Mobility of Seniors and individuals with disabilities	Exempt		NI	\$306,400	\$76,600	\$0	\$383,000	5310
2020	Trunkline	109866	GVMC	Kent	MDOT	I-196	I-196 EB over M-45 WB ramp	0.000	Bridge Rehabilitation	Shallow ovrlly, beam rprs	Exempt		CON	\$1,530,000	\$170,000	\$0	\$1,700,000	IM
2020	Trunkline	115798	GVMC	Kent	MDOT	I-196 EB	I-196 EB over M-45	0.000	Bridge Rehabilitation	Shallow ovrlly, substr repr	Exempt		CON	\$1,530,000	\$170,001	\$0	\$1,700,000	IM
2020	Trunkline	127779	GVMC	Ottawa	MDOT	I-196 EB	over 32nd Avenue	0.000	Bridge CPM	Deck patch, epoxy overlay	Exempt		CON	\$224,777	\$24,975	\$0	\$249,752	IM

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2020	Trunkline	127779	GVMC	Ottawa	MDOT	I-196 EB	over 32nd Avenue	0.000	Bridge CPM	Deck patch, epoxy overlay	Exempt	phase being abandoned	PE	\$0	\$0	\$0	\$0	IM
2020	Trunkline	127779	GVMC	Ottawa	MDOT	I-196 EB	over 32nd Avenue	0.000	Bridge CPM	Deck patch, epoxy overlay	Exempt	phase being abandoned	PE-S	\$0	\$0	\$0	\$0	IM
2020	Trunkline	200144	GVMC	Kent	MDOT	Regionwide	Grand Region	0.000	Road Capital Preventive Maintenance	Overband Crack Fill (FPVS)	Exempt		CON	\$388,788	\$86,213	\$0	\$475,000	NH
2020	Trunkline	128768	GVMC	Kent	MDOT	I-96	I-96: M-37 east to M-44; I-196 @ M-11 Interchange	2.775	Operation Improvements	Upgrade to LED	Exempt	phase being abandoned	PE	\$5,458	\$530	\$76	\$6,064	IM
2020	Trunkline	48564	GVMC	Kent	MDOT	I-96 EB	I196:US131-I96;I96:Leonard-Cascade;M44:M21-Knapp	10.829	Planning, Research & Design	Corridor Study and EA	Exempt		CON	\$999,643,706	\$97,706,560	\$13,364,963	\$1,007,947,350	IM
2020	Trunkline	128369	GVMC	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2020 WMTOC Control Room Operations	Exempt		EPE	\$662,985	\$147,015	\$0	\$810,000	CM
2020	Trunkline	128371	GVMC	Kent	MDOT	Front Ave NW	Various locations in Grand Region	0.000	ITS Applications	2020 ITS maintenance & operations in Grand Region	Exempt		EPE	\$806,223	\$178,778	\$0	\$985,000	CM
2020	Trunkline	204765	GVMC	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	Road Weather information Systems	Exempt		EPE	\$193,149	\$42,830	\$0	\$235,979	ST
2020	Trunkline	204765	GVMC	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	Road Weather information Systems	Exempt		PE	\$463,557	\$102,793	\$0	\$566,350	ST
2020	Trunkline	204771	GVMC	Kent	MDOT	M-6	M-6 WB and US-131 SB	0.000	ITS Applications	Electrical service for six (6) existing VDS	Exempt		CON	\$50,798	\$11,264	\$0	\$62,062	NH
2020	Trunkline	204815	GVMC	Kent	MDOT	US-131	7 locations in Kent County	4.977	ITS Applications	ITS camera and VDS installation	Exempt		PE	\$139,327	\$30,895	\$0	\$170,222	NH
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1803-planning/studies	FY 2021 Urban Area Formula Grants	Exempt		NI	\$400,000	\$100,000	\$0	\$500,000	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1802-capital cost of contracting	FY 2021 Urban Area Formula Grants	Exempt		NI	\$720,000	\$180,000	\$0	\$900,000	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1801-preventative maintenance	FY 2021 Urban Area Formula Grants	Exempt		NI	\$960,000	\$240,000	\$0	\$1,200,000	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1303-bus shelter purchase	FY 2021 Urban Area Formula Grants	Exempt		NI	\$8,323	\$2,081	\$0	\$10,404	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY 2021 Urban Area Formula Grants	Exempt		NI	\$16,000	\$4,000	\$0	\$20,000	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY 2021 Urban Area Formula Grants	Exempt		NI	\$40,800	\$10,200	\$0	\$51,000	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2021 Urban Area Formula Grants	Exempt		NI	\$76,000	\$19,000	\$0	\$95,000	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1302-bus shelter improvements	FY 2021 Urban Area Formula Grants	Exempt		NI	\$41,873	\$10,468	\$0	\$52,341	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1409-administrative vehicle	FY 2021 Urban Area Formula Grants	Exempt		NI	\$62,424	\$15,606	\$0	\$78,030	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1207-architect and engineer	FY 2021 Urban Area Formula Grants	Exempt		NI	\$83,232	\$20,808	\$0	\$104,040	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1805-contingency	FY 2021 Urban Area Formula Grants	Exempt		NI	\$83,232	\$20,808	\$0	\$104,040	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1406-security equipment - facilities	FY 2021 Urban Area Formula Grants	Exempt		NI	\$142,626	\$35,657	\$0	\$178,283	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1807-traffic signals (prioritization, upgrades, etc.)	FY 2021 Urban Area Formula Grants	Exempt		NI	\$174,160	\$43,540	\$0	\$217,700	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1402-fare collection	FY 2021 Urban Area Formula Grants	Exempt		NI	\$389,675	\$97,419	\$0	\$487,094	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2021 Urban Area Formula Grants	Exempt		NI	\$844,386	\$211,096	\$0	\$1,055,482	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2021 Urban Area Formula Grants	Exempt		NI	\$1,026,378	\$256,595	\$0	\$1,282,973	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1404-computers (hardware and software)	FY 2021 Urban Area Formula Grants	Exempt		NI	\$1,266,759	\$316,690	\$0	\$1,583,449	5307
2021	Multi-Modal	206834	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2021 Urban Area Formula Grants	Exempt		NI	\$4,626,626	\$1,156,657	\$0	\$5,783,283	5307
2021	Local	206097	GVMC	Kent	Sparta	N Union St NW	N Union St NW over Nash Creek, Str# 5233, Village of Sparta	0.000	Bridge Rehabilitation	Miscellaneous Bridge Rehabilitation	Exempt		CON	\$356,000	\$66,750	\$22,250	\$445,000	BHT
2021	Local	206098	GVMC	Kent	Kent County	20 Mile Rd NW	20 Mile Rd NW over Walter Creek, Str# 5037, Kent County	0.000	Bridge Rehabilitation	Miscellaneous Bridge Rehabilitation	Exempt		CON	\$348,800	\$65,400	\$21,800	\$436,000	BO
2021	Local	206217	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Transit	Replacement 40' Buses/CNG	Exempt		NI	\$240,000	\$60,000	\$0	\$300,000	CM
2021	Local	206218	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Operation Improvements	Rideshare	Exempt		NI	\$206,207	\$0	\$0	\$206,207	CMG
2021	Local	206219	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Transit	Replacement VanPool Vans	Exempt		NI	\$100,000	\$25,000	\$0	\$125,000	CM
2021	Local	205521	GVMC	Kent	Grand Rapids	Madison Ave SE	Alger Street to Burton Street	0.499	Road Capital Preventive Maintenance	Milling and Asphalt Overlay	Exempt		CON	\$254,800	\$0	\$82,700	\$337,500	STU
2021	Local	205538	GVMC	Kent	Kent County	68th St SE	Hanna Lake Avenue to Kraft Avenue	2.931	Road Rehabilitation	Milling and Resurfacing	Exempt		CON	\$849,332	\$0	\$275,668	\$1,125,000	STU

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2021	Local	205539	GVMC	Kent	Kent County	Whitneyville Ave SE	I-96 to Cascade Road	0.957	Road Rehabilitation	Crush & Shape Asphalt Resurfacing	Exempt		CON	\$188,740	\$0	\$61,260	\$250,000	STU
2021	Local	205541	GVMC	Ottawa	Ottawa County	48th Ave	Bauer Road to Pierce Street	2.499	Road Rehabilitation	Resurface 30 foot width	Exempt		CON	\$839,895	\$0	\$272,605	\$1,112,500	STU
2021	Local	205542	GVMC	Ottawa	Ottawa County	8th Ave	Jackson Street to Port Sheldon Street	2.286	Road Rehabilitation	Resurface 42 Foot Width	Exempt		CON	\$694,565	\$0	\$225,435	\$920,000	STU
2021	Local	205546	GVMC	Ottawa	Hudsonville	Van Buren St	36th Avenue to City Limits	0.506	Road Rehabilitation	Milling and Asphalt Resurface	Exempt		CON	\$296,700	\$0	\$96,300	\$393,000	STU
2021	Local	205548	GVMC	Kent	Grandville	Wilson Ave SW	Rivertown Parkway to South City Limits	0.642	Road Rehabilitation	Milling and Asphalt Resurface	Exempt		CON	\$218,939	\$0	\$71,061	\$290,000	STU
2021	Local	205587	GVMC	Kent	East Grand Rapids	Hall St SE	Wilshire Drive to Lake Drive	1.051	Road Rehabilitation	Cold Mill HMA Surface and HMA Resurface	Exempt		CON	\$641,718	\$0	\$208,282	\$850,000	STU
2021	Local	205588	GVMC	Kent	Grand Rapids	Hall St SE	Sylvan Avenue to 1,275' East of Plymouth Avenue	0.505	Road Rehabilitation	Milling and two course asphalt resurfacing	Exempt		CON	\$245,363	\$0	\$79,637	\$325,000	STU
2021	Local	205703	GVMC	Kent	Kent County	13 Mile Rd NE	Grange Avenue to Edgerton Avenue	2.284	Road Rehabilitation	Crush and Shape Resurfacing	Exempt		CON	\$770,000	\$0	\$230,000	\$1,000,000	EDCF
2021	Local	205704	GVMC	Kent	Kent County	7 Mile Rd NW	Alpine Avenue to Pine Island Drive	1.816	Road Rehabilitation	Crush and Shape Resurfacing	Exempt		CON	\$462,000	\$0	\$138,000	\$600,000	EDCF
2021	Local	205705	GVMC	Kent	Kent County	S Division Ave	76th Street to 68th Street	1.005	Road Rehabilitation	Milling and Asphalt Resurfacing	Exempt		CON	\$717,000	\$0	\$183,000	\$900,000	NH
2021	Local	206011	GVMC	Kent	Wyoming	Wilson Ave SW	South City Limits to North City Limits	2.979	Road Rehabilitation	Resurfacing	Exempt		CON	\$0	\$984,000	\$246,000	\$1,230,000	EDC
2021	Local	206378	GVMC	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Traffic Safety	Signal optimization at up to 120 fed aid locations	Exempt		CON	\$240,000	\$0	\$60,000	\$300,000	CM
2021	Local	207499	GVMC	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	ITS Applications	Regional Signal System TMS Operations	Exempt		OPS	\$264,000	\$0	\$396,000	\$660,000	CM
2021	Trunkline	128093	GVMC	Kent	MDOT	I-96	Thornapple River Drive east to West of Whitneyville Avenue	7.649	Road Rehabilitation	Concrete Inlay	Exempt		CON	\$10,350,000	\$1,150,000	\$0	\$11,500,000	IM
2021	Local	130200	GVMC	Kent	Walker	Kinney Ave	Three Mile to Waldorf	0.510	Reconstruction	Reconstruct	Exempt		CON	\$754,962	\$0	\$245,038	\$1,000,000	STU
2021	Trunkline	131483	GVMC	Kent	MDOT	I-196	over The Grand River	0.000	Bridge Replacement	Deck Repl	Exempt		CON	\$4,843,130	\$538,125	\$0	\$5,381,255	IM,IPD
2021	Trunkline	201924	GVMC	Kent	MDOT	I-96 E/W Cascade Ramp	I-96 from Kent Co Line to US-131	25.713	Traffic Safety	Freeway Signing Upgrade Project	Exempt		CON	\$1,000,000	\$0	\$0	\$1,000,000	IMG
2021	Trunkline	202054	GVMC	Kent	MDOT	US-131 N	US-131 Kent County	43.162	Traffic Safety	Freeway Signing Update	Exempt		CON	\$4,000,000	\$0	\$0	\$4,000,000	NHG
2021	Local	205512	GVMC	Kent	Grand Rapids	E Fulton St	Arthur to Wallinwood	0.402	Reconstruction	Reconstruction	Exempt		CON	\$537,910	\$0	\$174,590	\$712,500	STU
2021	Local	205513	GVMC	Kent	Grand Rapids	Godfrey Ave SW	Liberty Street to Oxford Street	0.501	Reconstruction	Reconstruction	Exempt		CON	\$358,607	\$0	\$116,393	\$475,000	STU
2021	Local	205514	GVMC	Kent	Grand Rapids	Godfrey Ave SW	Oxford Street to Market Avenue	0.553	Reconstruction	Asphalt Reconstruct	Exempt		CON	\$358,607	\$0	\$116,393	\$475,000	STU
2021	Local	205517	GVMC	Kent	Grand Rapids	Hall St SE	Colorado Avenue to Sylvan Avenue	0.181	Reconstruction	Asphalt Reconstruct	Exempt		CON	\$377,481	\$0	\$122,519	\$500,000	STU
2021	Local	205519	GVMC	Kent	Grand Rapids	Lake Eastbrook Blvd SE	East Beltline to 28th Street	0.799	Reconstruction	Asphalt Reconstruct	Exempt		CON	\$594,532	\$0	\$192,968	\$787,500	STU
2021	Local	205523	GVMC	Kent	Grand Rapids	Valley Ave NW	4th Street to Walker Avenue	0.520	Reconstruction	Asphalt Reconstruction	Exempt		CON	\$481,288	\$0	\$156,212	\$637,500	STU
2021	Local	205524	GVMC	Kent	Kent County	84th St SE	Bretton Avenue to Hanna Lake Avenue	0.989	Reconstruction	Asphalt Reconstruct	Exempt		CON	\$981,450	\$0	\$318,550	\$1,300,000	STU
2021	Local	205525	GVMC	Kent	GVMC	Front Ave NW	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	Exempt		NI	\$150,000	\$0	\$37,500	\$187,500	STU
2021	Local	205543	GVMC	Kent	Walker	Kinney Ave NW	Waldorf Avenue to 3 Mile Road	0.510	Reconstruction	Rconstruct & add missing curb and gutter, sidewalk, drainage, all weather	Exempt	phase being abandoned	CON	\$755,000	\$0	\$245,000	\$1,000,000	STU
2021	Local	205545	GVMC	Kent	Caledonia	Kinsey Ave SE	Main Street to Maple Street	0.341	Reconstruction	Asphalt Reconstruct with sidewalk	Exempt		CON	\$283,111	\$0	\$91,889	\$375,000	STU
2021	Local	206101	GVMC	Kent	Cedar Springs	N Main St NE	N Main Street over Cedar Creek, Str# 5185, City of Cedar Springs	0.000	Bridge Replacement	Bridge Replacement	Exempt		CON	\$1,171,200	\$219,600	\$73,200	\$1,464,000	BRT
2021	Local	206203	GVMC	Kent	GVMC	Front Ave NW	GVMC MPO Area Kent County	0.000	Planning, Research & Design	FY2021 Clean Air Program	Exempt		NI	\$80,000	\$0	\$20,000	\$100,000	CM
2021	Local	206221	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Planning, Research & Design	Free bus rides on Clean Air Action Days	Exempt		NI	\$60,000	\$15,000	\$0	\$75,000	CM
2021	Local	206871	GVMC	Kent	Kent County	100th St SE	Kalamzaoo Avenue to East 1 Mile	1.403	Reconstruction	Reconstruct	Exempt		CON	\$895,000	\$0	\$305,000	\$1,200,000	STL
2021	Local	206946	GVMC	Kent	Grand Rapids	Franklin St SE	Division to East City Limits	1.915	Road Rehabilitation	Resurface	Exempt		CON	\$0	\$0	\$119,343	\$119,343	EDCF
2021	Local	206946	GVMC	Kent	Grand Rapids	Franklin St SE	Division to East City Limits	1.915	Road Rehabilitation	Resurface	Exempt		CON	\$672,630	\$0	\$400,657	\$1,073,287	HIPU
2021	Trunkline	207283	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		PE	\$2,205	\$245	\$0	\$2,450	HSIP
2021	Trunkline	207283	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		CON	\$650,475	\$72,275	\$0	\$722,750	HSIP
2021	Trunkline	207284	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.066	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		PE	\$2,205	\$245	\$0	\$2,450	HSIP
2021	Trunkline	207284	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.066	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		CON	\$108,045	\$12,005	\$0	\$120,050	HSIP
2021	Trunkline	207306	GVMC	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of GVMC MPO	3.729	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	Exempt		CON	\$3,528	\$392	\$0	\$3,920	HSIP

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2021	Multi-Modal	206854	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2021 Bus/Bus Facilities Grants	Exempt		NI	\$980,916	\$245,229	\$0	\$1,226,145	5339
2021	Trunkline	128768	GVMC	Kent	MDOT	I-96	I-96: M-37 east to M-44; I-196 @ M-11 Interchange	2.775	Operation Improvements	Upgrade to LED	Exempt	phase being abandoned	CON	\$60,032	\$5,836	\$834	\$66,702	IM
2021	Trunkline	132517	GVMC	Kent	MDOT	Regionwide	Various locations in Grand Region	0.000	ITS Applications	2021 WMTOC Control Room Operations	Exempt		EPE	\$662,985	\$147,015	\$0	\$810,000	CM
2021	Trunkline	132521	GVMC	Kent	MDOT	Regionwide	various locations in Grand Region	0.000	ITS Applications	2021 ITS maintenance & operations in Grand Region	Exempt		EPE	\$806,223	\$178,778	\$0	\$985,000	CM
2021	Trunkline	201942	GVMC	Kent	MDOT	US-131	US-131 NB and SB	4.104	Traffic Safety	Queue management system	Exempt		PE	\$203,400	\$22,600	\$0	\$226,000	HSIP
2021	Trunkline	204695	GVMC	Kent	MDOT	US-131	US-131 from North Park St. to 10 Mile Rd.	7.878	ITS Applications	ITS devices and infrastructure	Exempt		CON	\$2,439,348	\$540,918	\$0	\$2,980,266	NH
2021	Trunkline	204765	GVMC	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	Road Weather information Systems	Exempt		CON	\$3,193,523	\$708,154	\$0	\$3,901,677	ST
2021	Trunkline	204815	GVMC	Kent	MDOT	US-131	7 locations in Kent County	4.977	ITS Applications	ITS camera and VDS installation	Exempt		CON	\$959,804	\$212,834	\$0	\$1,172,638	NH
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1803-planning/studies	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$400,000	\$100,000	\$0	\$500,000	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1802-capital cost of contracting	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$720,000	\$180,000	\$0	\$900,000	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1801-preventative maintenance	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$960,000	\$240,000	\$0	\$1,200,000	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1303-bus shelter purchase	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$8,490	\$2,122	\$0	\$10,612	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$16,000	\$4,000	\$0	\$20,000	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$40,800	\$10,200	\$0	\$51,000	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$76,000	\$19,000	\$0	\$95,000	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1302-bus shelter improvements	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$42,710	\$10,678	\$0	\$53,388	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1409-administrative vehicle	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$63,673	\$15,918	\$0	\$79,591	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1207-architect and engineer	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$84,897	\$21,224	\$0	\$106,121	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1805-contingency	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$84,897	\$21,224	\$0	\$106,121	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$100,478	\$25,120	\$0	\$125,598	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1406-security equipment - facilities	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$145,478	\$36,370	\$0	\$181,848	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$154,998	\$38,749	\$0	\$193,747	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1402-fare collection	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$397,469	\$99,367	\$0	\$496,836	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$1,033,306	\$258,326	\$0	\$1,291,632	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1404-computers (hardware and software)	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$1,068,814	\$267,204	\$0	\$1,336,018	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$1,853,393	\$463,348	\$0	\$2,316,741	5307
2022	Multi-Modal	206856	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2022 Urbanized Area Formula Grants	Exempt		NI	\$3,914,524	\$978,631	\$0	\$4,893,155	5307
2022	Local	206222	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Transit	Replacement 40' Buses/CNG	Exempt		NI	\$240,000	\$60,000	\$0	\$300,000	CM
2022	Local	206225	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Operation Improvements	Rideshare	Exempt		NI	\$150,000	\$0	\$0	\$150,000	CMG
2022	Local	206226	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Transit	Replacement VanPool Vans	Exempt		NI	\$100,000	\$25,000	\$0	\$125,000	CM
2022	Local	206955	GVMC	Kent	GVMC	Front Ave NW	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	Exempt		NI	\$150,000	\$0	\$37,500	\$187,500	STU
2022	Local	205515	GVMC	Kent	Grand Rapids	29th St SE	Bretton to East City Limits	0.484	Road Rehabilitation	Road Rehabilitation	Exempt		CON	\$243,536	\$0	\$81,464	\$325,000	STU
2022	Local	205516	GVMC	Kent	Grand Rapids	Butterworth St SW	O'Brien to Marion	0.694	Road Rehabilitation	road rehabilitation	Exempt		CON	\$234,170	\$0	\$78,330	\$312,500	STU
2022	Local	205522	GVMC	Kent	Grand Rapids	Collindale Ave NW	Lake Michigan Drive to Leonard Street	1.003	Road Rehabilitation	road rehabilitation	Exempt		CON	\$327,838	\$0	\$109,662	\$437,500	STU
2022	Local	205526	GVMC	Kent	Grand Rapids	S Division Ave	Quigley Street to Cottage Grove Street	0.500	Road Rehabilitation	road rehabilitation	Exempt		CON	\$187,336	\$0	\$62,664	\$250,000	STU
2022	Local	205528	GVMC	Kent	Grand Rapids	Eastern Ave SE	400' North of 44th Street to 36th Street	0.877	Road Rehabilitation	road rehabilitation	Exempt		CON	\$899,211	\$0	\$300,789	\$1,200,000	STU

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2022	Local	205529	GVMC	Kent	Wyoming	36th St SW	Burlingame Avenue to Clyde Park Avenue	1.001	Road Rehabilitation	resurface	Exempt		CON	\$562,007	\$0	\$187,993	\$750,000	STU
2022	Local	205533	GVMC	Kent	Kent County	13 Mile Rd NE	Sparta Village Line to Grange	3.480	Road Rehabilitation	resurface	Exempt		CON	\$899,211	\$0	\$300,789	\$1,200,000	STU
2022	Local	205534	GVMC	Kent	Kent County	6 Mile Rd NW	Alpine to Pine Island	1.821	Road Rehabilitation	resurface	Exempt		CON	\$749,343	\$0	\$250,657	\$1,000,000	STU
2022	Local	205535	GVMC	Ottawa	Ottawa County	Fillmore St	48th Avenue to Taylor Street	4.450	Road Rehabilitation	Resurface/Preservation	Exempt		CON	\$1,300,000	\$0	\$658,000	\$1,958,000	STU
2022	Local	205536	GVMC	Kent	Kentwood	East Paris Avenue SE	28th Street to 36th Street	1.001	Road Rehabilitation	Mill and Resurface	Exempt		CON	\$936,679	\$0	\$313,321	\$1,250,000	STU
2022	Local	205558	GVMC	Kent	Kent County	4 Mile Rd NE	Coit to Plainfield	1.093	Road Rehabilitation	Resurface	Exempt		CON	\$450,000	\$0	\$150,000	\$600,000	EDCF
2022	Local	205559	GVMC	Kent	Grandville	Chicago Dr SW	Wilson to east city limits	1.801	Road Rehabilitation	Resurface	Exempt		CON	\$334,630	\$0	\$132,370	\$467,000	EDCF
2022	Local	205561	GVMC	Kent	Kent County	Kalamazoo Ave SE	68th to 60th	0.944	Road Rehabilitation	resurface	Exempt		CON	\$731,000	\$0	\$182,750	\$913,750	NH
2022	Local	207038	GVMC	Ottawa	Ottawa County	Leonard St	Leonard St from 68th Ave to 48th Ave	2.650	Road Capital Preventive Maintenance	Asphalt overlay 1-1.5 inches to include HMA resurfacing	Exempt		CON	\$0	\$73,179	\$0	\$73,179	EDD
2022	Local	207038	GVMC	Ottawa	Ottawa County	Leonard St	Leonard St from 68th Ave to 48th Ave	2.650	Road Capital Preventive Maintenance	Asphalt overlay 1-1.5 inches to include HMA resurfacing	Exempt		CON	\$703,000	\$0	\$271,421	\$974,421	STL
2022	Local	207267	GVMC	Kent	Grand Rapids	Division Ave NE	Fountain Street to Michigan Street	0.117	Road Rehabilitation	Road Rehabilitation	Exempt		CON	\$187,336	\$0	\$62,664	\$250,000	STU
2022	Local	206465	GVMC	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Traffic Safety	Signal Optimization	Exempt		CON	\$240,000	\$0	\$60,000	\$300,000	CM
2022	Local	207502	GVMC	Kent	Grand Rapids	Market Ave SW	Market Ave.	0.080	ITS Applications	Regional Signal System TMS Operations	Exempt		OPS	\$264,000	\$0	\$396,000	\$660,000	CM
2022	Trunkline	132524	GVMC	Kent	MDOT	regionwide	Various locations in Grand Region	0.000	ITS Applications	2022 WMTOC Control Room Operations	Exempt		EPE	\$695,725	\$154,275	\$0	\$850,000	CM
2022	Trunkline	132525	GVMC	Kent	MDOT	regionwide	Various routes in Grand Region	0.000	ITS Applications	2022 ITS maintenance & operations in Grand Region	Exempt		EPE	\$818,500	\$181,500	\$0	\$1,000,000	CM
2022	Trunkline	201255	GVMC	Kent	MDOT	I-296 SB	I-96 EB connector to I-296 SB over West River Drive and CSX RR	0.000	Bridge Rehabilitation	Deep overlay with barrier replacement.	Exempt		CON	\$1,769,541	\$196,616	\$0	\$1,966,156	IM
2022	Trunkline	204951	GVMC	Kent	MDOT	M-44 E	Kent and Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	Exempt		PE	\$55,450	\$6,161	\$0	\$61,611	HSIP
2022	Trunkline	205235	GVMC	Ottawa	MDOT	I-96	I-96 in Ottawa and Kent	34.885	ITS Applications	Rural Freeway Traffic Management systems	Exempt		EPE	\$23,801	\$5,225	\$0	\$29,025	NH
2022	Trunkline	205235	GVMC	Ottawa	MDOT	I-96	I-96 in Ottawa and Kent	34.885	ITS Applications	Rural Freeway Traffic Management systems	Exempt		PE	\$57,121	\$12,539	\$0	\$69,660	NH
2022	Local	205518	GVMC	Kent	Grand Rapids	College Ave NE	Leonard to Sweet	0.500	Reconstruction	reconstruction	Exempt		CON	\$725,926	\$0	\$242,824	\$968,750	STU
2022	Local	205527	GVMC	Kent	Grand Rapids	Eastern Ave SE	36th Street to 28th Street	1.000	Reconstruction	Rehab/Reconstruct	Exempt		CON	\$913,262	\$0	\$305,488	\$1,218,750	STU
2022	Local	205531	GVMC	Kent	Kent County	84th St SE	Hanna Lake to East Paris	1.008	Reconstruction	Reconstruct	Exempt		CON	\$974,146	\$0	\$325,854	\$1,300,000	STU
2022	Trunkline	205859	GVMC	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of GVMC MPO	2.557	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	Exempt		CON	\$3,528	\$392	\$0	\$3,920	HSIP
2022	Local	206207	GVMC	Kent	GVMC	Front Ave NW	GVMC area--Kent and Eastern Ottawa County	0.000	Planning, Research & Design	Educational campaign for Clean Air Action program	Exempt		NI	\$80,000	\$0	\$20,000	\$100,000	CM
2022	Local	206227	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Planning, Research & Design	Free Rides on Clean Air Action Days	Exempt		NI	\$80,000	\$20,000	\$0	\$100,000	CM
2022	Trunkline	206572	GVMC	Kent	MDOT	M-37 N	M37 (Alpine) @ 7 Mile Rd. M37 (Alpine) @ N Center Dr, Old Orchard M37 (ALPINE) @ CENTER DR,K MART DR M21 (FULTON) @ SPAULDING US-131 SB OFF RAMP @ 68TH ST US-131 SB OFF-RAMP @ MARKET AVE / CHERRY ST US131 NB OFF RAMP @ 68TH ST I96 EB OFF RAMP @ LEON,	0.000	Traffic Safety	Traffic Signal Modernization; connected vehicle installations	Exempt		CON	\$1,955,630	\$0	\$0	\$1,955,630	STG
2022	Local	206873	GVMC	Kent	Kent County	100th St SE	1 Mile East of Kalamazoo Avenue to Hanna Lake	0.607	Reconstruction	Reconstruct	Exempt		CON	\$913,000	\$0	\$337,000	\$1,250,000	STL
2022	Local	206946	GVMC	Kent	Grand Rapids	Franklin St SE	Division to East City Limits	1.915	Road Rehabilitation	Resurface	Exempt		CON	\$477,370			\$477,370	EDCF
2022	Trunkline	207321	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.486	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		PE	\$2,205	\$245	\$0	\$2,450	HSIP
2022	Trunkline	207321	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.486	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		CON	\$661,500	\$73,500	\$0	\$735,000	HSIP
2022	Trunkline	207322	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	Exempt		PE	\$2,205	\$245	\$0	\$2,450	HSIP
2022	Trunkline	207322	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	Exempt		CON	\$185,220	\$20,580	\$0	\$205,800	HSIP

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2022	Multi-Modal	206861	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2022 Bus/Bus Facilities Program	Exempt		NI	\$995,630	\$248,907	\$0	\$1,244,537	5339
2023	Multi-Modal	206866	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY 2023 Bus/Bus Facilities Program	Exempt		NI	\$1,010,564	\$252,641	\$0	\$1,263,205	5339
2022	Trunkline	201253	GVMC	Kent	MDOT	I-96	Burton Street over I-96	0.000	Bridge Rehabilitation	Deep overlay	Exempt		CON	\$990,504	\$110,056	\$0	\$1,100,560	BOI
2022	Trunkline	201312	GVMC	Kent	MDOT	US-131 SB	US-131 SB Over The Grand River & Fulton Street	0.000	Bridge Rehabilitation	Railing Replacement	Exempt		CON	\$439,309	\$97,416	\$0	\$536,725	NH
2022	Trunkline	200585	GVMC	Kent	MDOT	M-11	Church Street east to US-131	4.203	Road Rehabilitation	Two Course Asphalt Resurfacing	Exempt		CON	\$3,274,000	\$665,470	\$60,530	\$4,000,000	NH
2022	Trunkline	201969	GVMC	Kent	MDOT	Regionwide	Regionwide freeways	0.000	Traffic Safety	Freeway Enhanced Delineation	Exempt		PE	\$44,751	\$4,972	\$0	\$49,723	HSIP
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1803-planning/studies	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$400,000	\$100,000	\$0	\$500,000	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1802-capital cost of contracting	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$720,000	\$180,000	\$0	\$900,000	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1801-preventative maintenance	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$960,000	\$240,000	\$0	\$1,200,000	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1303-bus shelter purchase	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$8,659	\$2,165	\$0	\$10,824	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1410-misc. support equipment (explanation must be provided in work detail)	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$16,000	\$4,000	\$0	\$20,000	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1302-bus shelter improvements	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$43,565	\$10,891	\$0	\$54,456	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1403-office equipment (copier, office furniture, etc.)	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$49,810	\$12,452	\$0	\$62,262	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1409-administrative vehicle	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$66,245	\$16,561	\$0	\$82,806	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1408-maintenance equipment (hoists, tools, etc.)	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$77,046	\$19,262	\$0	\$96,308	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1207-architect and engineer	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$86,594	\$21,649	\$0	\$108,243	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1805-contingency	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$86,594	\$21,649	\$0	\$108,243	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1105-van replacement, any size with or without lift	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$120,382	\$30,095	\$0	\$150,477	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1406-security equipment - facilities	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$148,388	\$37,097	\$0	\$185,485	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1102-30-34 foot replacement bus with or without lift	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$209,716	\$52,429	\$0	\$262,145	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1402-fare collection	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$405,418	\$101,355	\$0	\$506,773	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1401-bus equipment (spare, tires, windshields, lifts, bus wraps, bike rack, ADA)	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$1,040,372	\$260,093	\$0	\$1,300,465	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1404-computers (hardware and software)	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$1,070,910	\$267,728	\$0	\$1,338,638	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1203-admin/maintenance facility improvements	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$1,587,265	\$396,816	\$0	\$1,984,081	5307
2023	Multi-Modal	206863	GVMC	Kent	ITP-The Rapid	Bartlett St SW	Areawide	0.000	SP1104-40 foot and greater replacement bus with or without lift	FY2023 Urbanized Area Formula Grants	Exempt		NI	\$3,248,266	\$812,066	\$0	\$4,060,332	5307
2023	Local	205673	GVMC	Kent	GVMC	Front Ave NW	GVMC Planning Area	0.000	Planning, Research & Design	Planning Studies	Exempt		NI	\$150,000	\$0	\$37,500	\$187,500	STU
2023	Local	206229	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Transit	Replacement 40' Buses/CNG	Exempt		NI	\$240,000	\$60,000	\$0	\$300,000	CM
2023	Local	206248	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Operation Improvements	Rideshare	Exempt		NI	\$186,207	\$0	\$0	\$186,207	CMG
2023	Local	206252	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Transit	Replacement VanPool Vans	Exempt		NI	\$100,000	\$25,000	\$0	\$125,000	CM
2023	Local	205589	GVMC	Kent	Cedar Springs	S Main St NE	Church Street to 18 Mile Road	0.737	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	Exempt		CON	\$380,553	\$0	\$103,197	\$483,750	STU
2023	Local	205601	GVMC	Kent	Grand Rapids	Ball Ave NE	Leonard Street to Knapp Street	1.002	Road Capital Preventive Maintenance	Milling an Asphalt Overlay (1.5 Inches)	Exempt		CON	\$427,753	\$0	\$115,997	\$543,750	STU
2023	Local	205602	GVMC	Kent	Grand Rapids	Ball Ave NE	Michigan Street to Plymouth Avenue	0.543	Road Rehabilitation	Milling and Two Course Asphalt Resurfacing	Exempt		CON	\$275,335	\$0	\$74,665	\$350,000	STU
2023	Local	205657	GVMC	Kent	Grand Rapids	Fuller Ave NE	Knapp Street to 3 Mile Road	0.989	Road Capital Preventive Maintenance	Milling and Asphalt Overlay (1.5 Inches)	Exempt		CON	\$427,753	\$0	\$115,997	\$543,750	STU
2023	Local	205664	GVMC	Kent	Grand Rapids	Turner Ave NW	6th Street to US-131 SB On Ramp and US-131 SB Off Ramp to Richmond Street	0.813	Road Capital Preventive Maintenance	Milling and Asphalt Overlay (1.5 inches)	Exempt		CON	\$344,169	\$0	\$93,331	\$437,500	STU
2023	Local	205676	GVMC	Ottawa	Ottawa County	18th Ave	Chicago Drive to Bauer Road	2.313	Road Rehabilitation	Asphalt Resurface	Exempt		CON	\$767,005	\$0	\$207,995	\$975,000	STU
2023	Local	205678	GVMC	Ottawa	Ottawa County	Riley St	32nd Avenue to 24th Avenue	1.004	Road Rehabilitation	Resurface with 3' Paved Shoulders	Exempt		CON	\$373,669	\$0	\$101,331	\$475,000	STU

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2023	Local	205689	GVMC	Kent	Kentwood	52nd St SE	Kalamazoo Avenue to Breton Avenue	1.502	Road Rehabilitation	3.5" Milling and Resurface	Exempt		CON	\$1,455,344	\$0	\$394,656	\$1,850,000	STU
2023	Local	205691	GVMC	Kent	Wyoming	Gezon Pkwy SW	Byron Center Avenue to Clyde Park Avenue	2.170	Road Rehabilitation	Resurface	Exempt		CON	\$1,280,000	\$0	\$320,000	\$1,600,000	EDCF
2023	Local	205691	GVMC	Kent	Wyoming	Gezon Pkwy SW	Byron Center Avenue to Clyde Park Avenue	2.170	Road Rehabilitation	Resurface	Exempt		CON	\$98,334	\$0	\$26,666	\$125,000	STU
2023	Local	205694	GVMC	Kent	Wyoming	54th St SW	Clyde Park Avenue to Division Avenue	1.005	Road Rehabilitation	Resurface	Exempt		CON	\$746,000	\$0	\$204,000	\$950,000	NH
2023	Local	205694	GVMC	Kent	Wyoming	54th St SW	Clyde Park Avenue to Division Avenue	1.005	Road Rehabilitation	Resurface	Exempt		CON	\$440,536	\$0	\$119,464	\$560,000	STU
2023	Local	205696	GVMC	Kent	Walker	Alpine Ave NW	Ann Street to Hillside Drive	0.503	Road Rehabilitation	Milling and Resurface	Exempt		CON	\$629,338	\$0	\$170,662	\$800,000	STU
2023	Local	205701	GVMC	Kent	Kent County	Buttrick Ave SE	Thornapple River Drive to Grand River Drive	0.476	Road Rehabilitation	Crush and Shape Resurfacing	Exempt		CON	\$236,002	\$0	\$63,998	\$300,000	STU
2023	Local	205702	GVMC	Kent	Grandville	Ivanrest Ave SW	Parie Street to 28th Street	0.501	Road Capital Preventive Maintenance	Milling and Asphalt Resurface	Exempt		CON	\$220,268	\$0	\$59,732	\$280,000	STU
2023	Local	205712	GVMC	Kent	Kent County	Northland Dr NE	13 Mile Road to 14 Mile Road	1.224	Road Rehabilitation	Mill, Fill, and Resurface	Exempt		CON	\$0	\$936,614	\$240,000	\$1,176,614	EDC
2023	Local	206007	GVMC	Kent	Kent County	Northland Dr NE	12 Mile Road to 13 Mile Road	1.004	Road Rehabilitation	Mill and Fill Resurface	Exempt		CON	\$0	\$720,000	\$180,000	\$900,000	EDC
2023	Local	206467	GVMC	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.088	Traffic Safety	Signal Optimization	Exempt		CON	\$240,000	\$0	\$60,000	\$300,000	CM
2023	Local	207503	GVMC	Kent	Grand Rapids	Market Ave SW	Market Avenue	0.055	ITS Applications	Regional Signal System TMS Operations	Exempt		OPS	\$264,000	\$0	\$396,000	\$660,000	CM
2023	Trunkline	201133	GVMC	Ottawa	MDOT	I-196	48th Avenue to 32nd Avenue	6.674	Reconstruction	Reconstruction	Exempt		CON	\$10,206,000	\$1,134,000	\$0	\$11,340,000	IM
2023	Trunkline	201324	GVMC	Kent	MDOT	I-196BS E	3 Bridges on I-196 Ramp Corridor from I-196 to Chicago Drive	0.000	Bridge Rehabilitation	Deep Overlay	Exempt		CON	\$1,341,802	\$297,541	\$0	\$1,639,343	NH
2023	Trunkline	204951	GVMC	Kent	MDOT	M-44 E	Kent and Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	Exempt		CON	\$345,020	\$38,336	\$0	\$383,355	HSIP
2023	Local	205658	GVMC	Kent	Grand Rapids	Fuller Ave SE	Ramona Street to Adams Street	0.177	Reconstruction	Asphalt Reconstruct	Exempt		CON	\$344,169	\$0	\$93,331	\$437,500	STU
2023	Local	205661	GVMC	Kent	Grand Rapids	Ottawa Ave NW	Fairbanks Street to Mason Street and Walbridge Street to Monroe Avenue	0.371	Reconstruction	Asphalt Reconstruct	Exempt		CON	\$712,922	\$0	\$193,328	\$906,250	STU
2023	Local	205666	GVMC	Kent	Grand Rapids	Wealthy St SE	Ethel Avenue to East City Limit	0.159	Reconstruction	Concrete Reconstruction (and Brick)	Exempt		CON	\$786,672	\$0	\$213,328	\$1,000,000	STU
2023	Local	205671	GVMC	Kent	Kent County	84th St SE	Patterson Avenue to East Paris Avenue	0.999	Reconstruction	Asphalt Reconstruct	Exempt		CON	\$1,062,008	\$0	\$287,992	\$1,350,000	STU
2023	Local	205698	GVMC	Kent	Grand Rapids	Robinson Rd SE	Youell Avenue to Plymouth Avenue	0.407	Reconstruction	Reconstruct/Preventative Maintenance	Exempt		CON	\$344,169	\$0	\$93,331	\$437,500	STU
2023	Local	206215	GVMC	Kent	GVMC	Front Ave NW	GVMC--Kent and Eastern Ottawa County	0.000	Planning, Research & Design	Clean Air Action educational campaign	Exempt		NI	\$80,000	\$0	\$20,000	\$100,000	CM
2023	Local	206254	GVMC	Kent	ITP-The Rapid	Bartlett St SW	ITP-The Rapid	0.000	Planning, Research & Design	Free rides on Clean Air Action Days	Exempt		NI	\$80,000	\$20,000	\$0	\$100,000	CM
2023	Local	206874	GVMC	Kent	Kent County	100th St SE	Hannah Lake to East Paris Avenue	1.002	Reconstruction	Reconstruct	Exempt		CON	\$931,000	\$0	\$319,000	\$1,250,000	STL
2023	Trunkline	207358	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		PE	\$2,205	\$245	\$0	\$2,450	HSIP
2023	Trunkline	207358	GVMC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of GVMC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	Exempt		CON	\$661,500	\$73,500	\$0	\$735,000	HSIP
2023	Trunkline	207359	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	Exempt		PE	\$2,205	\$245	\$0	\$2,450	HSIP
2023	Trunkline	207359	GVMC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of GVMC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	Exempt		CON	\$119,070	\$13,230	\$0	\$132,300	HSIP
2023	Trunkline	207375	GVMC	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of GVMC MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	Exempt		CON	\$3,528	\$392	\$0	\$3,920	HSIP
2023	Trunkline	201305	GVMC	Kent	MDOT	I-96	Fruit Ridge Road Over I-96	0.000	Bridge Rehabilitation	Deep Overlay	Exempt		CON	\$1,337,063	\$148,563	\$0	\$1,485,626	IM
2023	Trunkline	200816	GVMC	Kent	MDOT	I-96	Cascade Road east to M-11	3.025	Road Rehabilitation	Two Course Asphalt Resurfacing	Exempt		CON	\$4,230,000	\$470,000	\$0	\$4,700,000	IM
2023	Trunkline	201531	GVMC	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	2023 WMTOC Control Room Operations	Exempt		OPS	\$736,650	\$163,350	\$0	\$900,000	CM
2023	Trunkline	201535	GVMC	Kent	MDOT	Regionwide	Regionwide	0.000	ITS Applications	2023 ITS maintenance and operations in Grand Region	Exempt		OPS	\$900,350	\$199,650	\$0	\$1,100,000	CM
2023	Trunkline	201969	GVMC	Kent	MDOT	Regionwide	Regionwide freeways	0.000	Traffic Safety	Freeway Enhanced Delineation	Exempt		CON	\$492,256	\$54,695	\$0	\$546,951	HSIP
2023	Trunkline	204758	GVMC	Ottawa	MDOT	M-6	Grand Rapids/South Beltline W	0.000	Roadside Facilities - Preserve	Cold milling and one course asphalt overlay.	Exempt		CON	\$65,481	\$14,521	\$0	\$80,000	ST

Macatawa Area Coordinating Council (MACC) New TIP Projects

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air quality	Air Quality Comment	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2022	Trunkline	201136	MACC	Ottawa	MDOT	I-196	Byron Road to 48th Avenue	6.874	Traffic Safety	Shoulder Widening and Median Crossovers for Maintenance of Traffic	exempt	tempary crossover to reconstruct road	CON	\$1,166,400	\$129,600	\$0	\$1,296,000	IM
2021	Trunkline	201572	MACC	Ottawa	MDOT	I-196 (BL)	Homestead Drive east to I-196	0.962	Traffic Safety	Intersection Improvements	exempt	phase being abandoned. left turn lane added at intersetion, reviewed at Dec 18, 2018	PE	\$245,550	\$54,450	\$0	\$300,000	CM
2021	Local	206095	MACC	Ottawa	Holland	Paw Paw Dr	Paw Paw Dr over Black River (Macatawa River), Str# 8943, City of Holland	0.000	Bridge CPM	Miscellaneous Bridge Capital Preventative Maintenance	exempt		CON	\$292,800	\$54,900	\$18,300	\$366,000	BHT
2020	Local	130712	MACC	Ottawa	Holland	Waverly Rd	16th St. - 48th St.	1.960	Road Rehabilitation	Resurface roadway	exempt	phase being abandoned	CON	\$482,915	\$0	\$107,085	\$590,000	STUL
2020	Local	207443	MACC	Ottawa	Ottawa County	Ottawa Beach Road	Ottawa Beach Rd, 2 locations between Bower St and 3rd Ave, Ottawa County	0.050	Traffic Safety	Rapid rectangular flashing beacons and related sidewalk and markings	exempt		CON	\$47,108	\$0	\$11,777	\$58,885	HSIP
2020	Local	130683	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	MACC Office	0.001	Planning, Research & Design	Local data collection	exempt	phase being abandoned	CON	\$17,000	\$0	\$4,250	\$21,250	STUL
2020	Local	130701	MACC	Ottawa	Ottawa County	Ransom St	Ransom St.	0.001	Contracts	Replace truck	exempt		CON	\$58,000	\$0	\$62,000	\$120,000	CM
2020	Multi-Modal	130702	MACC	Ottawa	Macatawa Area Express Transporation Authority	Breenway Dr	MAX Service Area	0.000	1110-Bus Rolling Stock	Replace buses	exempt		NI	\$325,000	\$81,250	\$0	\$406,250	CM
2020	Local	130704	MACC	Ottawa	Ottawa County	84th Ave	Gordon St. - Westpark Way	0.409	New Facilities	Construct nonmotorized pathway	exempt		CON	\$89,000	\$0	\$96,000	\$185,000	CM
2020	Local	130714	MACC	Ottawa	Holland	W 16th St	River Ave. - Lane Ave.	2.028	Road Rehabilitation	Resurface roadway	exempt		CON	\$609,000	\$0	\$441,000	\$1,050,000	STUL
2020	Local	130717	MACC	Ottawa	Ottawa County	Lakewood Blvd	120th Ave. - 112th Ave.	0.854	Road Rehabilitation	Resurface roadway	exempt		CON	\$350,000	\$0	\$150,000	\$500,000	STUL
2020	Local	130728	MACC	Ottawa	Holland	Waverly Rd	16th St. - 48th St.	1.960	Road Rehabilitation	Resurface roadway	exempt		CON	\$590,000			\$590,000	STUL
2023	Trunkline	201133	MACC	Ottawa	MDOT	I-196	Byron Road to 48th Avenue	6.674	Reconstruction	Reconstruction	exempt		CON	\$27,594,000	\$3,066,000	\$0	\$30,660,000	IM
2020	Multi-Modal	203244	MACC	Ottawa	Macatawa Area Express Transporation Authority	Transit Operating	Areawide	0.000	SP10-State Match urban Agency	Transit operating support and capital needs.	exempt		NI	\$1,600,000	\$1,980,000	\$1,620,000	\$5,200,000	5307
2022	Trunkline	204668	MACC	Kalama zoo	MDOT	Various	Signing Update	1.450	Traffic Safety	Signing Replacement	exempt		CON	\$135,000	\$0	\$0	\$135,000	STG
2022	Trunkline	204951	MACC	Kent	MDOT	M-44 E	Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	exempt		PE	\$7,323	\$814	\$0	\$8,137	HSIP
2023	Trunkline	204951	MACC	Kent	MDOT	M-44 E	Ottawa	0.000	Traffic Safety	Install traffic signal dilemma zone systems	exempt		CON	\$45,570	\$5,063	\$0	\$50,633	HSIP
2022	Trunkline	205235	MACC	Ottawa	MDOT	I-96	I-196 in Ottawa and Allegan	34.885	ITS Applications	Rural Freeway Traffic Management systems	exempt		EPE	\$47,699	\$10,471	\$0	\$58,170	NH
2022	Trunkline	205235	MACC	Ottawa	MDOT	I-96	I-196 in Ottawa and Allegan	34.885	ITS Applications	Rural Freeway Traffic Management systems	exempt		PE	\$114,479	\$25,129	\$0	\$139,608	NH
2022	Trunkline	205859	MACC	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of MACC MPO	2.557	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$1,814	\$202	\$0	\$2,016	HSIP
2021	Local	206124	MACC	Ottawa	Ottawa County	Croswell St	Croswell Street from Lakeshore Dr. to US-31	2.800	Road Capital Preventive Maintenance	Resurfacing with the addition of 3 foot paved shoulders.	exempt		CON	\$750,000	\$0	\$590,000	\$1,340,000	STUL
2022	Local	206127	MACC	Ottawa	Ottawa County	Lakewood Blvd	Lakewood Blvd from Lakeshore Dr. to 144th Ave.	3.500	Road Capital Preventive Maintenance	Resurfacing	exempt		CON	\$750,000	\$0	\$450,000	\$1,200,000	STUL
2023	Local	206128	MACC	Ottawa	Ottawa County	64th Ave	64th Avenue: Byron Rd. to Chicago Dr. (M-121)	1.900	Road Capital Preventive Maintenance	Resurfacing and paved shoulders	exempt		CON	\$370,000	\$0	\$360,000	\$730,000	STUL
2023	Local	206145	MACC	Ottawa	Ottawa County	Chicago Dr	Chicago Dr. & 8th Street: US-31 to US-31	1.250	Road Capital Preventive Maintenance	Resurfacing	exempt		CON	\$700,000	\$0	\$275,000	\$975,000	STUL
2020	Local	206163	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.093	Planning, Research & Design	Data Collection	exempt		NI	\$17,000	\$0	\$4,250	\$21,250	STUL
2021	Local	206249	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Data Collection	exempt		NI	\$17,000	\$0	\$4,250	\$21,250	STUL
2021	Local	206302	MACC	Ottawa	Holland	W 10th St	10th Street: Pine - Lincoln Ave.	0.746	Reconstruction	Reconstruction	exempt		CON	\$947,949	\$0	\$2,488,000	\$3,435,949	STUL
2022	Local	206302	MACC	Ottawa	Holland	W 10th St	10th Street: Pine - Lincoln Ave.	0.746	Reconstruction	Reconstruction	exempt		CON	\$262,000			\$262,000	STUL
2022	Local	206312	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Area-Wide	exempt		NI	\$17,000	\$0	\$4,250	\$21,250	STUL
2023	Local	206313	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Data Collection	exempt		NI	\$17,000	\$0	\$4,250	\$21,250	STUL
2020	Local	206341	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Program	exempt		NI	\$8,000	\$0	\$2,000	\$10,000	CM
2021	Local	206342	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Program	exempt		NI	\$40,000	\$0	\$10,000	\$50,000	CM
2022	Local	206343	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Program	exempt		NI	\$40,000	\$0	\$10,000	\$50,000	CM
2023	Local	206344	MACC	Ottawa	Macatawa Area Coordinating Council	Douglas Ave	Area-Wide	0.000	Planning, Research & Design	Clean Air Program	exempt		NI	\$35,000	\$0	\$10,000	\$45,000	CM
2023	Local	206345	MACC	Ottawa	Holland Township	Greenly St	Greenly Street: 120th-112th	1.020	New Facilities	Non-Motorized Pathway	exempt		CON	\$200,000	\$0	\$303,000	\$503,000	CM
2022	Local	206347	MACC	Ottawa	Ottawa County	Quincy St	Quincy Street: 96th Ave - 88th Ave	1.035	New Facilities	Non-Motorized Pathway	exempt		CON	\$245,000	\$0	\$399,000	\$644,000	CM

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air quality	Air Quality Comment	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2021	Multi-Modal	206366	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	Various Locations: Connector Route	0.000	SP1703-commute alternatives	Connector Route	exempt		NI	\$245,000	\$82,000	\$84,000	\$411,000	CM
2020	Trunkline	206495	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region	exempt		PE	\$851	\$95	\$0	\$945	HSIP
2020	Trunkline	206495	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region	exempt		CON	\$304,479	\$33,831	\$0	\$338,310	HSIP
2020	Trunkline	206541	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	3.634	Traffic Safety	Special marking application on trunkline routes in Grand Region	exempt		PE	\$851	\$95	\$0	\$945	HSIP
2020	Trunkline	206541	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	3.634	Traffic Safety	Special marking application on trunkline routes in Grand Region	exempt		CON	\$83,349	\$9,261	\$0	\$92,610	HSIP
2020	Trunkline	206559	MACC	Kent	MDOT	Grand Regionwide Pvmt Mrkg Retro Readings	All of MACC MPO	2.113	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$1,928	\$214	\$0	\$2,142	HSIP
2021	Trunkline	207283	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$1,134	\$126	\$0	\$1,260	HSIP
2021	Trunkline	207283	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$334,530	\$37,170	\$0	\$371,700	HSIP
2021	Trunkline	207284	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	1.066	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$1,134	\$126	\$0	\$1,260	HSIP
2021	Trunkline	207284	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	1.066	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$55,566	\$6,174	\$0	\$61,740	HSIP
2021	Trunkline	207306	MACC	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of MACC MPO	3.729	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$1,814	\$202	\$0	\$2,016	HSIP
2022	Trunkline	207321	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.486	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$1,134	\$126	\$0	\$1,260	HSIP
2022	Trunkline	207321	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.486	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$340,200	\$37,800	\$0	\$378,000	HSIP
2022	Trunkline	207322	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		PE	\$1,134	\$126	\$0	\$1,260	HSIP
2022	Trunkline	207322	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		CON	\$95,256	\$10,584	\$0	\$105,840	HSIP
2023	Trunkline	207358	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$1,134	\$126	\$0	\$1,260	HSIP
2023	Trunkline	207358	MACC	Kent	MDOT	Grand Regionwide Longitudinal Pavement Markings	All of MACC MPO	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$340,200	\$37,800	\$0	\$378,000	HSIP
2023	Trunkline	207359	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		PE	\$1,134	\$126	\$0	\$1,260	HSIP
2023	Trunkline	207359	MACC	Kent	MDOT	Grand Regionwide Special Pavement Markings	All of MACC MPO	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		CON	\$61,236	\$6,804	\$0	\$68,040	HSIP
2023	Trunkline	207375	MACC	Kent	MDOT	Grand Regionwide Retroreflectivity Readings	All of MACC MPO	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$1,814	\$202	\$0	\$2,016	HSIP
2021	Multi-Modal	207526	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	1140-Bus Support Equip / Facilities	Bus Purchase	exempt		NI	\$8,000	\$2,000	\$0	\$10,000	5307
2021	Multi-Modal	207546	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	1190-Bus Associated Transit Enhancements	Facility Improvements	exempt		NI	\$60,000	\$15,000	\$0	\$75,000	5307
2021	Multi-Modal	207549	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	1160-Signal & Communication Equip - Bus	Computer / Computer Equipment	exempt		NI	\$16,000	\$4,000	\$0	\$20,000	5307
2020	Multi-Modal	207556	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	1110-Bus Rolling Stock	Bus Purchase	exempt		NI	\$392,000	\$98,000	\$0	\$490,000	5307
2021	Multi-Modal	207558	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	P000-Capital	Service Vehicle	exempt		NI	\$18,000	\$7,000	\$10,000	\$35,000	5307

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air quality	Air Quality Comment	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2021	Multi-Modal	207561	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	P000-Capital	Maintenance Equipment	exempt		NI	\$8,000	\$2,000	\$0	\$10,000	5307
2021	Multi-Modal	207562	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	1110-Bus Rolling Stock	Bus Replacement	exempt		NI	\$660,000	\$165,000	\$0	\$825,000	5307
2021	Multi-Modal	207563	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Operating	MAX Service Area	0.000	SP3000-operating except JARC and New Freedom	Operating Assistance	exempt		NI	\$1,430,000	\$1,640,000	\$1,430,000	\$4,500,000	5307
2021	Multi-Modal	207564	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP1101-<30 foot replacement bus with or without lift	Bus Purchase	exempt		NI	\$144,000	\$36,000	\$0	\$180,000	5339
2021	Multi-Modal	207566	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Operating	MAX Service Area	0.000	SP1601-New Freedom operating	Twilight & Night Owl Service	exempt		NI	\$71,500	\$71,500	\$71,500	\$214,500	5310
2021	Multi-Modal	207569	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP1601-New Freedom operating	Bus Purchase	exempt		NI	\$56,000	\$14,000	\$0	\$70,000	5310
2022	Multi-Modal	207573	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP3000-operating except JARC and New Freedom	Bus Purchase	exempt		NI	\$224,000	\$56,000	\$0	\$280,000	5307
2022	Multi-Modal	207574	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Operating	MAX Service Area	0.000	SP3000-operating except JARC and New Freedom	Operating	exempt		NI	\$1,429,000	\$1,640,000	\$1,429,000	\$4,498,000	5307
2022	Multi-Modal	207575	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Operating	MAX Service Area	0.000	SP1601-New Freedom operating	Operating	exempt		NI	\$71,500	\$71,500	\$71,500	\$214,500	5310
2022	Multi-Modal	207577	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP1601-New Freedom operating	Operating	exempt		NI	\$56,000	\$14,000	\$0	\$70,000	5310
2022	Multi-Modal	207578	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP1101-<30 foot replacement bus with or without lift	Bus Replacement	exempt		NI	\$144,000	\$36,000	\$0	\$180,000	5339
2023	Multi-Modal	207581	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP3000-operating except JARC and New Freedom	Bus Purchase	exempt		NI	\$224,000	\$56,000	\$0	\$280,000	5307
2023	Multi-Modal	207582	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Operating	MAX Service Area	0.000	SP3000-operating except JARC and New Freedom	Operating	exempt		NI	\$1,429,000	\$1,640,000	\$1,429,000	\$4,498,000	5307
2023	Multi-Modal	207584	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Operating	MAX Service Area	0.000	SP1601-New Freedom operating	Twilight & Night Owl	exempt		NI	\$71,500	\$71,500	\$71,500	\$214,500	5310
2023	Multi-Modal	207585	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP1601-New Freedom operating	Mobility Management	exempt		NI	\$56,000	\$14,000	\$0	\$70,000	5310
2023	Multi-Modal	207588	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	MAX Service Area	0.000	SP1101-<30 foot replacement bus with or without lift	Bus Replacement	exempt		NI	\$144,000	\$36,000	\$0	\$180,000	5339
2020	Multi-Modal	203282	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Capital	Areawide	0.000	SP10-State Match urban Agency	Replace Buses	exempt		NI	\$144,000	\$36,000	\$0	\$180,000	5339
2020	Multi-Modal	203269	MACC	Ottawa	Macatawa Area Express Transportation Authority	Transit Operations	Areawide	0.000	SP10-State Match urban Agency	Twilight and Night Owl Service	exempt		NI	\$205,000	\$15,000	\$145,000	\$365,000	5310
2021	Trunkline	205019	MACC	Ottawa	MDOT	US-31	US-31 from Washington to James	4.835	ITS Applications	ITS devices and signal detection	exempt		PE	\$113,711	\$25,215	\$0	\$138,926	NH
2022	Trunkline	205019	MACC	Ottawa	MDOT	US-31	US-31 from Washington to James	4.835	ITS Applications	ITS devices and signal detection	exempt		CON	\$783,340	\$173,704	\$0	\$957,044	NH

West Michigan Metropolitan Planning Program (WestPlan) New TIP Projects

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air Quality	Air Quality Comments	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2021	Trunkline	127479	WestPlan	Ottawa	MDOT	M-104	Kruger Street east to 148th Avenue	0.310	Major Widening	Center Left Turn Lane	non-exempt	Modeled in LRTP - TIP 2017 conformity analysis	CON	\$458,360	\$101,640	\$0	\$560,000	CM
2021	Local	205351	WestPlan	Ottawa	Ottawa County	Mercury Dr	Mercury Drive	1.712	Road Rehabilitation	HMA Mill & Resurface	exempt		CON	\$593,412	\$0	\$131,588	\$725,000	STUL
2022	Local	205359	WestPlan	Ottawa	Ottawa County	Hickory St	Hickory Street/Palm Drive - 174th to Norton Shores city limit	1.912	Road Rehabilitation	Resurface and add 3' paved shoulder - Friction HMA	exempt		CON	\$580,000	\$0	\$400,000	\$980,000	STUL
2023	Local	205398	WestPlan	Ottawa	Ottawa County	Mercury Dr	Mercury Drive - 144th Ave to Comstock Street	1.698	Road Rehabilitation	HMA Mill and resurface	exempt		CON	\$626,152	\$0	\$138,848	\$765,000	STUL
2021	Local	206749	WestPlan	Ottawa	Ottawa County	104th Ave	104th Ave from M45 to North Cedar Dr	3.990	Road Capital Preventive Maintenance	Asphalt Overlay 1-1.5 inches	exempt		CON	\$0	\$73,179	\$0	\$73,179	EDD
2021	Local	206749	WestPlan	Ottawa	Ottawa County	104th Ave	104th Ave from M45 to North Cedar Dr	3.990	Road Capital Preventive Maintenance	Asphalt Overlay 1-1.5 inches	exempt		CON	\$690,000	\$0	\$1,176,821	\$1,866,821	STL
2021	Trunkline	200107	WestPlan	Ottawa	MDOT	US-31 N	Over the Grand River	0.000	Bridge Rehabilitation	Full Paint, steel repairs, grid deck replacement	exempt		CON	\$11,589,327	\$2,569,899	\$0	\$14,159,226	NH
2022	Local	205368	WestPlan	Ottawa	Ferrysburg	Dogwood Dr	Dogwood Drive 174th to City limits	0.625	Reconstruction	Cold mill new gravel base	exempt		CON	\$400,000	\$0	\$320,000	\$720,000	STUL
2022	Local	205373	WestPlan	Ottawa	Grand Haven	Fulton Ave	Fulton Ave - Beacon Blvd to Albee Street	0.359	Reconstruction	Reconstruct	exempt		CON	\$350,000	\$0	\$547,376	\$897,376	STUL
2023	Multi-Modal	205207	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	Harbor Transit Service Area	0.000	SP1103-35-39 foot replacement bus with or without lift	Bus Replacement FY 2023	exempt		NI	\$130,000	\$32,500	\$0	\$162,500	CM
2022	Multi-Modal	205217	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	Harbor transit service area	0.000	SP1103-35-39 foot replacement bus with or without lift	Bus replacement FY 2022	exempt		NI	\$130,000	\$32,500	\$0	\$162,500	CM
2020	Multi-Modal	206193	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 North Ferry Street	0.000	SP1103-35-39 foot replacement bus with or without lift	Two replacement busses	exempt		NI	\$264,000	\$66,000	\$0	\$330,000	CM

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air quality	Air Quality Comment	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2020	Multi-Modal	206335	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 North Ferry Street	0.000	SP1103-35-39 foot replacement bus with or without lift	Purchase one replacement bus	exempt		NI	\$65,000	\$16,250	\$0	\$81,250	5339
2021	Multi-Modal	206741	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street	0.000	SP1103-35-39 foot replacement bus with or without lift	Bus purchase	exempt		NI	\$104,000	\$26,000	\$0	\$130,000	5307
2021	Multi-Modal	206755	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 North Ferry	0.000	SP1103-35-39 foot replacement bus with or without lift	Bus purchase	exempt		NI	\$65,000	\$16,250	\$0	\$81,250	5339
2022	Multi-Modal	206757	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street Grand Haven MI	0.000	SP1103-35-39 foot replacement bus with or without lift	Purchase one replacement bus	exempt		NI	\$104,000	\$26,000	\$0	\$130,000	5307
2022	Multi-Modal	206759	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 North Ferry Street Grand Haven MI	0.000	SP1103-35-39 foot replacement bus with or without lift	Purchas two replacement busses	exempt		NI	\$195,000	\$48,750	\$0	\$243,750	5339
2023	Multi-Modal	206761	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street	0.000	SP1103-35-39 foot replacement bus with or without lift	Purchahse one replacement bus	exempt		NI	\$65,000	\$16,250	\$0	\$81,250	5339
2023	Multi-Modal	206762	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street Grand Haven MI	0.000	SP1103-35-39 foot replacement bus with or without lift	Purchase one replacement bus	exempt		NI	\$104,000	\$26,000	\$0	\$130,000	5307
2020	Multi-Modal	207646	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	N Ferry Street	0.000	SP1404-computers (hardware and software)	Replace bus, Computer office equipment, Security equipment, operating assist	exempt		NI	\$16,000	\$4,000	\$0	\$20,000	5307
2020	Multi-Modal	207646	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	N Ferry Street	0.000	SP1406-security equipment - facilities	Replace bus, Computer office equipment, Security equipment, operating assist	exempt		NI	\$48,000	\$12,000	\$0	\$60,000	5307
2020	Multi-Modal	207646	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	N Ferry Street	0.000	SP1103-35-39 foot replacement bus with or without lift	Replace bus, Computer office equipment, Security equipment, operating assist	exempt		NI	\$104,000	\$26,000	\$0	\$130,000	5307
2023	Multi-Modal	205205	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	Harbor Transit service area	0.000	SP1705-public outreach/marketing	FY 2023 Outreach and marketing	exempt		NI	\$24,900	\$6,225	\$0	\$31,125	CM
2021	Multi-Modal	205225	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 North Ferry Street Grand Haven MI	0.000	SP1705-public outreach/marketing	Outreach and Marketing	exempt		NI	\$25,000	\$6,250	\$0	\$31,250	CM
2020	Multi-Modal	206192	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	440 N Ferry Street Grand Haven MI	0.000	SP1705-public outreach/marketing	Outreach and marketing	exempt		NI	\$25,104	\$6,276	\$0	\$31,380	CM
2020	Multi-Modal	207678	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	N Ferry Street	0.000	SP3000-operating except JARC and New Freedom	Operating assistance	exempt		NI	\$571,200	\$142,800	\$0	\$714,000	5307
2021	Multi-Modal	207679	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	N Ferry Street	0.000	SP3000-operating except JARC and New Freedom	Operating assistance	exempt		NI	\$421,000	\$0	\$421,000	\$842,000	5307
2022	Multi-Modal	207681	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	N Ferry Street	0.000	SP3000-operating except JARC and New Freedom	Operating assistance	exempt		NI	\$421,000	\$0	\$421,000	\$842,000	5307
2023	Multi-Modal	207682	WestPlan	Ottawa	Harbor Transit Multi-Model Transportation System	N Ferry St	N Ferry Street	0.000	SP3000-operating except JARC and New Freedom	Operating assistance	exempt		NI	\$421,000	\$0	\$421,000	\$842,000	5307
2021	Trunkline	201288	WestPlan	Ottawa	MDOT	US-31	4 Bridges along US-31 Corridor	0.000	Bridge Rehabilitation	Deep overlay (2 bridges), Epoxy overlay (1 Bridges), PCC, and other PM work	exempt		CON	\$3,595,207	\$797,229	\$0	\$4,392,436	NH
2022	Trunkline	201289	WestPlan	Ottawa	MDOT	M-104	M-104 Over The Spring Lake Channel (70081-B01)	0.000	Bridge Rehabilitation	Deep Overlay	exempt		CON	\$1,350,606	\$299,493	\$0	\$1,650,099	NH
2022	Trunkline	124871	WestPlan	Ottawa	MDOT	US-31	US-31 and M-104 in Grand Haven and Spring Lake	5.855	ITS Applications	ITS devices and communications system	exempt		PE	\$327,400	\$72,600	\$0	\$400,000	ST
2021	Trunkline	205227	WestPlan	Ottawa	MDOT	US-31 N	US-31 from Hayes to M-104 and NB US-31 at M-45	4.687	ITS Applications	ITS devices, advanced Traffic Signal technologies and communications	exempt		EPE	\$84,073	\$18,643	\$0	\$102,716	NH
2021	Trunkline	205227	WestPlan	Ottawa	MDOT	US-31 N	US-31 from Hayes to M-104 and NB US-31 at M-45	4.687	ITS Applications	ITS devices, advanced Traffic Signal technologies and communications	exempt		PE	\$201,776	\$44,743	\$0	\$246,519	NH
2022	Trunkline	205227	WestPlan	Ottawa	MDOT	US-31 N	US-31 from Hayes to M-104 and NB US-31 at M-45	4.687	ITS Applications	ITS devices, advanced Traffic Signal technologies and communications	exempt		CON	\$1,390,011	\$308,232	\$0	\$1,698,243	NH

Ottawa County STIP Projects

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air quality	Air Quality Comment	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2023	Local	207042	Rural	Ottawa	Ottawa County	Leonard St	Leonard St from 88th Ave to 68th Ave	2.814	Road Capital Preventive Maintenance	Asphalt overlay 1-1.5 inches, will include HMA resurfacing with the constru	exempt		CON	\$718,000	\$0	\$488,821	\$1,206,821	STL
2022	Trunkline	205235	Rural	Ottawa	MDOT	I-96	US-131, I-96, and I-196	34.885	ITS Applications	Rural Freeway Traffic Management systems	exempt		EPE	\$73,082	\$16,042	\$0	\$89,124	NH
2022	Trunkline	205235	Rural	Ottawa	MDOT	I-96	US-131, I-96, I-196	34.885	ITS Applications	Rural Freeway Traffic Management systems	exempt		PE	\$175,396	\$38,502	\$0	\$213,898	NH

Kent County STIP Projects

Fiscal Year	Job Type	Job#	MPO	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Air quality	Air Quality Comment	Phase	Fed Estimated Amount	State Estimated Amount	Local Estimated Amount	Total Estimated Amount	Fund Source
2020	Trunkline	200348	Rural	Kent	MDOT	I-196BS	M66 (DEXTER) @ WASHINGTON ST	0	Traffic Safety	Traffic Signal Modernizations; connected vehicle installations.	exempt		CON	\$196,236	\$0	\$0	\$196,236	STG
2022	Trunkline	204951	Rural	Kent	MDOT	M-44 E	Mason	0	Traffic Safety	Install traffic signal dilemma zone systems	exempt		PE	\$8,199	\$911	\$0	\$9,110	HSIP
2023	Trunkline	204951	Rural	Kent	MDOT	M-44 E	Mason	0	Traffic Safety	Install traffic signal dilemma zone systems	exempt		CON	\$51,018	\$5,669	\$0	\$56,687	HSIP
2022	Trunkline	205859	Rural	Kent	MDOT	Grand Regionwide Retro	All routes outside MPO boundaries	2.557	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$7,848	\$872	\$0	\$8,720	HSIP
2020	Trunkline	206495	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region	exempt		PE	\$3,679	\$409	\$0	\$4,088	HSIP
2020	Trunkline	206495	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.332	Traffic Safety	Longitudinal pavement marking application in Grand Region	exempt		CON	\$1,316,993	\$146,333	\$0	\$1,463,325	HSIP
2020	Trunkline	206541	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	3.634	Traffic Safety	Special marking application on trunkline routes in Grand Region	exempt		PE	\$3,679	\$409	\$0	\$4,088	HSIP
2020	Trunkline	206541	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	3.634	Traffic Safety	Special marking application on trunkline routes in Grand Region	exempt		CON	\$360,518	\$40,058	\$0	\$400,575	HSIP
2020	Trunkline	206559	Rural	Kent	MDOT	Grand Regionwide Pvmt	All routes outside MPO boundaries	2.113	Traffic Safety	Pvmt mrkg retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$8,339	\$927	\$0	\$9,265	HSIP
2021	Trunkline	207283	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$4,905	\$545	\$0	\$5,450	HSIP
2021	Trunkline	207283	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.691	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$1,446,975	\$160,775	\$0	\$1,607,750	HSIP
2021	Trunkline	207284	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	1.066	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$4,905	\$545	\$0	\$5,450	HSIP
2021	Trunkline	207284	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	1.066	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$240,345	\$26,705	\$0	\$267,050	HSIP
2021	Trunkline	207306	Rural	Kent	MDOT	Grand Regionwide Retro	All routes outside MPO boundaries	3.729	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$7,848	\$872	\$0	\$8,720	HSIP
2022	Trunkline	207321	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.486	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$4,905	\$545	\$0	\$5,450	HSIP
2022	Trunkline	207321	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.486	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$1,471,500	\$163,500	\$0	\$1,635,000	HSIP
2022	Trunkline	207322	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		PE	\$4,905	\$545	\$0	\$5,450	HSIP
2022	Trunkline	207322	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		CON	\$412,020	\$45,780	\$0	\$457,800	HSIP
2023	Trunkline	207358	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		PE	\$4,905	\$545	\$0	\$5,450	HSIP
2023	Trunkline	207358	Rural	Kent	MDOT	Grand Regionwide Longit	All routes outside MPO boundaries	1.845	Traffic Safety	Longitudinal pavement marking application on trunklines in Grand Region	exempt		CON	\$1,471,500	\$163,500	\$0	\$1,635,000	HSIP
2023	Trunkline	207359	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		PE	\$4,905	\$545	\$0	\$5,450	HSIP
2023	Trunkline	207359	Rural	Kent	MDOT	Grand Regionwide Specia	All routes outside MPO boundaries	1.845	Traffic Safety	Special pavement marking application on trunklines in Grand Region	exempt		CON	\$264,870	\$29,430	\$0	\$294,300	HSIP
2023	Trunkline	207375	Rural	Kent	MDOT	Grand Regionwide Retro	All routes outside MPO boundaries	2.971	Traffic Safety	Pavement marking retroreflectivity readings on trunklines in Grand Region	exempt		CON	\$7,848	\$872	\$0	\$8,720	HSIP