

FY 2011-2014 Transportation Improvement Program

DOCUMENT

**Grand Valley Metropolitan Council
Michigan Department of Transportation
Interurban Transit Partnership**

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Credit/ Disclaimer

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Introduction

This is the official Transportation Improvement Program (TIP) for the area served by the Grand Valley Metropolitan Council (GVMC) for fiscal year 2011, beginning October 1, 2010, through fiscal year 2014, ending September 30, 2014. The GVMC study area is comprised of Kent County; the City of Hudsonville; and Allendale, Georgetown, Jamestown and Tallmadge Townships. The Grand Valley Metropolitan Council (GVMC) is the designated Metropolitan Planning Organization for the Greater Grand Rapids Area. See figure one on page 3 for a map of the Grand Valley Metropolitan Council area.

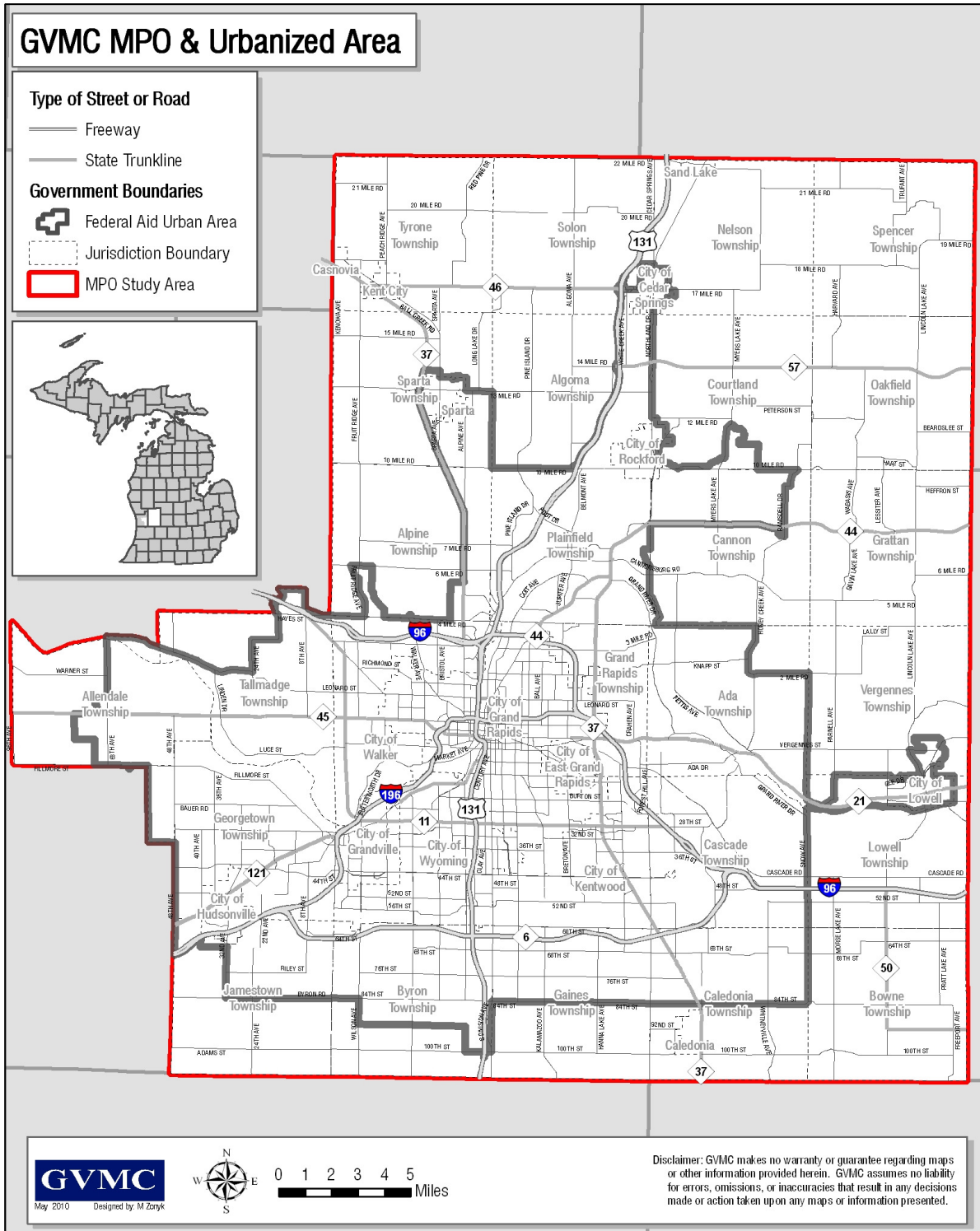
Currently, the Grand Valley Metropolitan Council's Metropolitan Planning Organization (MPO) has an estimated population in excess of 650,000. The number of Federal Aid Urban roads is approximately 1,576 center lane miles.

The Interurban Transit Partnership (ITP) The Rapid's current service area is 227 square miles and has a population of 540,000. There are a variety of services provided by The Rapid, including 28 bus routes, GO!Bus paratransit service, ridesharing, carpooling services, PASS, and county connection.

The TIP is used to identify proposed projects developed in accordance with the joint regulations of the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA). All federal monies returned to the Grand Rapids area from the federal fuel tax are distributed through this process.

The annual process for selecting multi-modal transportation projects was developed based on locally determined transportation needs and helps to ensure that programmed transportation improvements are consistent with expected revenues from federal, state and local sources.

MAP 1 Map of GVMC Area



Chapter I Financial Plan

The Grand Valley Metropolitan Council (GVMC) Transportation Improvement Program (TIP) provides a summary of how transportation revenues in the program will be invested over a four-year period by the state and local agencies that have legal responsibility to build, operate, and maintain the state's highway, road, street and public transit systems. Federally-funded expenditures are required by federal law to be consistent with the FY2035 Long Range Plan and to be constrained to include only projects that we anticipate having enough revenue to complete.

Federal regulations require the TIP to:

- Contain system-level estimates of costs and revenues reasonably expected to be available to adequately operate and maintain federal-aid highways and public transportation
- Demonstrate that the estimated resources were developed cooperatively by the GVMC, Michigan Department of Transportation (MDOT) and the Interurban Transit Partnership (ITP), the transit provider
- Utilize inflation rate(s) for revenues/expenditures to reflect "year of expenditure dollars"

Operations and Maintenance

The process of indentifying system-level estimates of cost and revenues to operate and maintain federal-aid highways and public transportation began by MPO staff contacting each local agency. Estimates were provided by the road implementing agencies for both operations/maintenance and construction activities. Operations and Maintenance funds are used for items such as snow plowing, pot hole patching, signage, and other expenses deemed necessary to operate and maintain the overall transportation network (around \$55 million annually in the GVMC area). Approximately 90% of those funds go to operations and maintenance. The distribution of local funding estimates is based on vehicle miles traveled and on lane miles in the area. There are additional programs available to local units of government other than Operations and Maintenance.

The Local Investment in Transit

In April 2000, three months after ITP-The Rapid was incorporated under State Act 196, a millage election was held in the six cities requesting a dedicated 0.75 mill for transit. That initial request enabled The Rapid to begin instituting the improvements laid out in the improvement plan. In November 2003, facing a decrease in state operating assistance and wanting to institute additional service improvements, The Rapid requested a 0.20 mill increase, bringing the total millage commitment up to 0.95. All six cities approved the request.

Following a 2005 Comprehensive Operational Analysis (COA) designed to optimize ITP-The Rapid's existing services and implement additional service improvements, a third millage increase was requested in 2007 that would raise the millage rate to 1.12 to support the proposed improvements, and it was again approved by the six cities.

Most recently, The Rapid came back in May 2009 requesting additional local funding support to operate the Silver Line Bus Rapid Transit project along Division Avenue. The request for an additional 0.12 mills, which would not begin to be collected until 2012, was narrowly defeated 52% to 48%. The existing millage rate, 1.12, will expire in 2012.

Revenue

The FY2011-2014 federal revenue estimates for local federal-aid highway projects were provided by MDOT in late 2009 and reviewed by GVMC staff and the Transportation Planning Study Group (TPSG) Committee. The methodology provided by MDOT is consistent with the projected increases in the national authorization level of the federal highway program during the period that this document will be in place. This approach has been cooperatively identified by MDOT, FHWA, and the MPOs in Michigan, and is generally accepted practice by each group. Funding estimates for FY2011 was projected to have no growth from the previous TIP. Starting with the 2011 estimate, a 3.2% growth factor was applied to each year to get the subsequent years estimate. The "Fiscal Year 2011-2014 Estimated Local Program Allocations" table (table 2) is provided after the financial constraint tables listed in this chapter.

Local agencies include inflation costs as part of their overall project costs when submitted to the MPO. Local transportation agencies in the Grand Rapids area have requested flexibility for estimating inflation costs associated with TIP projects. Based on MPO staff's survey of local agencies, most jurisdictions assign a 4 percent annual inflation factor which is consistent with the recommendations of FHWA and MDOT.

Financial Constraint

Federal regulations also require the TIP to be financially constrained by fiscal year. The TIP must demonstrate that there is enough money available each year to fund projects listed in the TIP for the year. The purpose of the table listed below (table 1) is to demonstrate financial constraint. The table compares estimated revenues and expenditures by funding source and indicates how much revenue total it is estimated will be available each year from federal, state and local sources. Revenue and expenditures in these tables are MPO totals for combined state and local programs. As table 1 demonstrates, there are sufficient revenues available to fund the highway and transit expenditures included in this TIP. Therefore, the TIP is financially constrained.

Some important points to remember when interpreting summary data from these tables:

- The TIP deals with **fiscal years, not calendar years**. As such, this report summarizes planned expenditures for October 1 to September 30. Fiscal Year 2011 begins on October 1, 2010.
- The STIP and TIPs must list **projects funded with federal funds and those that are regionally significant** regardless of the funding source. We have not included all known projects and revenue in these tables. Projects which have not been identified yet will be amended into the TIP and subsequently listed in the above tables when funding becomes certain.
- Projects associated with the expenditures listed in the tables above are detailed in the project selection chapter. Some projects not of appropriate scale to be listed individually have been grouped into General Program Accounts for the purpose of the TIP.

Table 1 Comparison of Estimated Revenues and Expenditures by Funding Source for MDOT, ITP and Local Jurisdictions.

06/10/10	2011				2012				2013				FY 2014			
	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments	Estimated Federal Revenue	Estimated Non-Federal Revenue	Estimated Total Revenue	Total Proposed Commitments
Highway Program																
MDOT AC & M Program		\$0	\$0	\$0		\$0	\$0	\$0		\$0	\$0	\$0		\$0	\$0	\$0
MDOT FA Program	\$3,392,497	\$722,303	\$4,114,800	\$4,114,800	\$279,822	\$32,178	\$312,000	\$312,000	\$1,433,194	\$317,806	\$1,751,000	\$1,751,000	\$1,218,500	\$281,500	\$1,500,000	\$1,500,000
Sub-Total MDOT	\$3,392,497	\$722,303	\$4,114,800	\$4,114,800	\$279,822	\$32,178	\$312,000	\$312,000	\$1,433,194	\$317,806	\$1,751,000	\$1,751,000	\$1,218,500	\$281,500	\$1,500,000	\$1,500,000
Local STP	\$8,810,797	\$3,901,947	\$12,712,744	\$12,712,744	\$8,763,283	\$4,098,195	\$12,861,478	\$12,861,478	\$9,043,830	\$3,218,767	\$12,262,597	\$12,262,597	\$9,333,234	\$3,620,440	\$12,953,674	\$12,953,674
Local Bridge	\$0	\$0	\$0	\$0	\$2,269,046	\$567,261	\$2,836,307	\$2,836,307	\$432,000	\$108,000	\$540,000	\$540,000	\$0	\$0	\$0	\$0
Local CMAQ	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Safety	\$309,600	\$77,400	\$387,000	\$387,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Equity Bonus (TEDF)	\$2,075,580	\$524,420	\$2,600,000	\$2,600,000	\$2,112,000	\$652,528	\$2,764,528	\$2,764,528	\$2,149,544	\$537,386	\$2,686,930	\$2,686,930	\$2,188,288	\$547,072	\$2,735,360	\$2,735,360
Local Other FHWA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local AC Starts	\$3,400,000	\$3,400,000	\$3,400,000	\$3,400,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local Non-Federal			\$0	\$0		\$0	\$0	\$0		\$1,745,771	\$1,745,771	\$1,745,771		\$0	\$0	\$0
Sub-Total Local	\$11,195,977	\$7,903,767	\$19,099,744	\$19,099,744	\$13,144,329	\$5,317,984	\$18,462,313	\$18,462,313	\$11,625,374	\$5,609,924	\$17,235,298	\$17,235,298	\$11,521,522	\$5,697,991	\$17,219,513	\$17,219,513
Total Highway	\$14,588,474	\$8,626,070	\$23,214,544	\$23,214,544	\$13,424,151	\$5,350,162	\$18,774,313	\$18,774,313	\$13,058,568	\$5,927,730	\$18,986,298	\$18,986,298	\$12,740,022	\$5,979,491	\$18,719,513	\$18,719,513
Transit Fund Source																
CTF - Comprehensive Transit Fund		\$0	\$0	\$0		\$0	\$0	\$0		\$0	\$0	\$0		\$0	\$0	\$0
Section 3038 - Over the Road Bus Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 3045 - National Fuel Cell Technology Development Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5303 - Metropolitan Transportation Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5304 - Statewide Transportation Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5305 - Metropolitan and Statewide Planning	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5307 - UZA Formula	\$9,118,173	\$2,279,543	\$11,397,716	\$11,397,716	\$8,143,501	\$2,187,629	\$10,331,130	\$10,331,130	\$8,966,052	\$2,391,825	\$11,357,877	\$11,357,877	\$9,581,502	\$2,539,187	\$12,120,689	\$12,120,689
Section 5308 - Clean Fuels Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5309 - Capital Bus and Capital New Starts	\$20,187,626	\$5,046,906	\$25,234,532	\$25,234,532	\$2,125,619	\$531,455	\$2,657,274	\$2,657,274	\$1,615,900	\$403,975	\$2,019,875	\$2,019,875	\$0	\$0	\$0	\$0
Section 5310 - Elderly & Disabled	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5311 - Non-UZA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5313 - Transit Cooperative Research Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5314 - National Research and Technology Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5316 - Job Access/Reverse Commute	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5317 - New Freedom Initiative	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5320 - Alternative Transportation in Parks and Public Lands	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5339 - Alternative Analysis	\$100,000	\$25,000	\$125,000	\$125,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5505 - University Transportation Centers Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ARRA Section 5307 - UZA Formula	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ARRA Section 5311 - Non-UZA	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
ARRA - Transit Other	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Transit	\$29,405,799	\$7,351,449	\$36,757,248	\$36,757,248	\$10,269,320	\$2,719,084	\$12,988,404	\$12,988,404	\$10,581,952	\$2,795,800	\$13,377,752	\$13,377,752	\$9,581,502	\$2,539,187	\$12,120,689	\$12,120,689
Grand Total	\$43,994,273	\$15,977,519	\$59,971,792	\$59,971,792	\$23,693,471	\$8,069,246	\$31,762,717	\$31,762,717	\$23,640,520	\$8,723,530	\$32,364,050	\$32,364,050	\$22,321,524	\$8,518,678	\$30,840,202	\$30,840,202

Table 2 MDOT provided revenue estimates

Listed below are the ESTIMATED federal (and State EDF) allocations. They are based on MDOT calculations of RABA and Equity Bonus distributions and are subject to change based on FHWA calculations.

Grand Valley Metropolitan Council

	2011 (0%)			2012 (3.2%)			2013 (3.2%)			2014 (3.2%)		
	TMA	PL		TMA	PL		TMA	PL		TMA	PL	
GRAND RAPIDS UZA	\$7,951,630.00	\$ 803,591.00		\$8,206,082.00	\$829,306.00		\$8,468,677.00	\$855,844.00		\$8,739,675.00	\$883,231.00	
	Rural	State	Federal	Rural	State	Federal	Rural	State	Federal	Rural	State	Federal
	STP	TEDF-C	TEDF-C	STP	TEDF-C (0%)	TEDF-C	STP	TEDF-C (0%)	TEDF-C	STP	TEDF-C (0%)	TEDF-C
KENT CO - Category C	\$540,039.00	\$938,772.00	\$1,136,850.00	\$557,320.00	\$938,772.00	\$1,173,229.00	\$575,154.00	\$938,772.00	\$1,210,772.00	\$593,559.00	\$938,772.00	\$1,249,517.00

Chapter II Public Participation

Introduction

The Grand Valley Metropolitan Council (GVMC), as the Metropolitan Planning Organization (MPO), is required by the federal transportation legislation SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users) to explicitly set forth a Public Participation Plan (PPP) and process for transportation planning in order to receive transportation funds from the Federal Highway Administration and from the Federal Transit Administration. The actions and processes described in the PPP apply to transportation planning done by the GVMC in conjunction with the work done by the transportation committees of the Council. The GVMC Public Participation Plan can be found at <http://www.gvmc.org/transportation/getinvolved.shtml>. The standards for this process are to be found in Title 23, Code of Federal Regulations, Part 450, and in Title 49, Code of Federal Regulations, Part 613 which requires that the public have reasonable opportunity to comment on transportation plans and programs.

TIP Public Participation Process

Opportunity for public participation in the development of the FY 2011-2014 Transportation Improvement Program (TIP) was in accordance with the GVMC Public Participation Plan.

The process began with an informational postcard mailing on April 22, 2010 (see TIP mailing #1, figure 1) to the Interested Citizens/Agency list, made up of individuals interested in transportation planning related information and a host of agencies and organizations identified as important stakeholders in the planning process including social service agencies, transit service providers, local land use and environmental organizations, economic development organizations, major employers, Native American tribes, and other interested parties. (See Interested Citizens and Agencies List, figure 3)

The mailing consisted of information about two public meeting opportunities held for the development of the Transportation Improvement Program as well as notification about the public comment period, the Air Quality Conformity Analysis results, Environmental Justice Review, and project lists associated with the development of the TIP. Concurrent with the mailing, information pertaining to making public comment on the TIP and all the affiliated documentation (Air Quality Conformity Analysis, Environmental Justice Review, and draft project lists) were posted on the gvmc.org website. Additionally, the same information included in the mailing was posted in The Grand Rapids Press Saturday, April 24, 2010. (See Grand Rapids Press Affidavit of Publication #1, figure 4.)

The public meetings were held at the GVMC Offices (*678 Front Ave, Suite 200, Grand*

Rapids, MI 49504), which are handicapped accessible, along a fixed Rapid transit system bus route, and within the delineated Environmental Justice area for the MPO. The meetings were held from 5:00-7:00 pm on May 3rd and May 18th, 2010.

Four members of the public attended the May 3rd meeting where staff made a brief presentation of the draft TIP list of projects and deficient road segments, explained the corresponding maps, and answered any questions that were brought up. This meeting gave citizens the opportunity to provide input about specific transportation issues or areas of concern. Twelve people attended the May 18th meeting for a PowerPoint presentation of the Air Quality Conformity Analysis results, Environmental Justice Review information, and maps about the projects identified. Several staff members were on hand to answer questions and comment sheets were provided for input.

The public comment period for the 2011-2014 TIP project lists was April 24-June 1, 2010 – a total of 39 days. During this time staff accepted and recorded 32 public comments from e-mails/web inquires and phone calls. These public comments along with staff responses are listed in Appendix M under Public Comments. All public comments received were provided to GVMC Transportation Committees for consideration, and in many cases the inquirer was directed to the respective road agency for specific project details.

Additionally, GVMC undertook a public comment period for the entire 2011-2014 Transportation Improvement Program document.

An informational post card was sent to the Interested Citizens/Agencies list on July 16, 2010 with directions on how and where to access the TIP document from the gvmc.org website or in person at our offices, as well as information about the duration of the public comment period and where to direct comments. (See TIP mailing #2, figure 2) Concurrently with the mailing, the same information was posted on our website and notice was placed in The Grand Rapids Press on July 18, 2010. (See The Grand Rapids Press Affidavit of Publication #2, figure 5.)

A public meeting was held on July 29, 2010 from 6:00-7:30 p.m. at the GVMC Offices, where staff made a short presentation about the major components of the document and answered questions. The public comment period for the 2011-2014 TIP document was July 17 – August 3, 2010 – a total of 18 days. All public comments received are included in the Public Comments section, Appendix M.

In addition to the public meetings May 3, May 18, and July 29, opportunities for public comment were/are available at monthly Technical Committee, Policy Committee, and ad hoc TIP Transportation Programming Study Group meetings. Agendas and minutes for these meetings are regularly posted on the gvmc.org website.

Figure 1 TIP mailing #1



The Grand Valley Metro Council

Will be hosting two public meetings to seek comments on the Draft Fiscal Year 2011-2014 Transportation Improvement Program (TIP) and an amendment to the 2035 Long Range Transportation Plan (LRTP):

Monday, May 3, 2010 - 5:00 PM to encourage public comment on the Draft TIP list of projects and deficient road segments, and
Tuesday, May 18, 2010 - 5:00 PM to encourage public comment on the Air Quality Conformity Analysis results and Environmental Justice review, and 2035 LRTP amendment.

Both meetings are at the GVMC Offices (address below) and are open to the public.

The TIP describes transportation priorities for investment over the next 4 years in Kent and E. Ottawa Co. and the LRTP describes investments for the next 25 years. Both the Draft TIP and amendment to the LRTP require an air quality conformity analysis.

For more information, to submit written comments, to access the draft TIP project list, Air Quality Conformity Analysis results, or LRTP amendment go to www.gvmc.org or contact Darrell Robinson, Transportation Planner, Grand Valley Metro Council, 678 Front Ave N.W. Suite 200, Grand Rapids, MI 49504
Phone: (616) 776-7609 Email: robinsond@gvmc.org

Figure 2 TIP mailing #2

We'd Like Your Input

The Grand Valley Metropolitan Council (GVMC) **Draft Fiscal Year 2011-2014 Transportation Improvement Program (TIP)** document is available for public comment. This document describes area transportation projects for the next four years and may be viewed online at www.gvmc.org or at the GVMC office. A public meeting is scheduled:

Time: 6:00 p.m.
Date: Thursday, July 29, 2010
Place: Grand Valley Metropolitan Council 678 Front Ave NW, Suite 200 Grand Rapids, Michigan 49504

If you are unable to attend, written comments will be accepted through August 3, 2010. Send written comments to the GVMC address above or e-mail Darrell Robinson at robinsond@gvmc.org or call (616) 776-7609.

Individuals with disabilities requiring auxiliary aids for services should contact GVMC no later than July 27, 2010.

GVMC is the Metropolitan Planning Organization for Kent and eastern Ottawa Counties. • www.gvmc.org

Figure 3 Interested Citizens and Agencies List

Last Name	First Name	Company	Business City	Business State
Benjamin	Pamela	Eastown Neighborhood Assn.	East Grand Rapids	MI
Johnston	Andy	Grand Rapids Area Chamber of Commerce	Grand Rapids	MI
Waalkes	Steven	Michigan Concrete Paving Association	Grand Rapids	MI
Ruble	Kent	Ottawa County Road Commission	Grand Haven	MI
Richard	Moll	City of Rockford	Rockford	MI
Glass	Chris	Grand Rapids Area Chamber of Commerce	Grand Rapids	MI
Ender	Steven	Grand Rapids Community College	Grand Rapids	MI
		Metro Cab	Kentwood	MI
Tang	Stanton	WZZM TV 13	Grand Rapids	MI
Klooster	Jonathan		Grand Rapids	MI
Losey	James	Sunshine Transportation	Grand Rapids	MI
		Cedar Rock Community Action Agency	Rockford	MI
		ACSET-West Side Complex	Grand Rapids	MI
		ACEST-Latin American Services	Grand Rapids	MI
		Kent County Department of Human Services	Grand Rapids	MI
		HCSS Home Care Services Staffing, Inc.	Grand Rapids	MI
		Life EMS	Grand Rapids	MI
Shelby	Betty	Native American Community Services	Grand Rapids	MI
		Spectrum Health--PANC	Grand Rapids	MI
		Grand Rapids Area Center for Ecumenism	Grand Rapids	MI
		Ready Ride Transportation, Inc.	Wyoming	MI
		Sunshine Transportation	Grand Rapids	MI
		United Methodist Community House	Grand Rapids	MI
Hood	Rachael	West MI Environmental Action Council	Grand Rapids	MI
Konyndyk	Joan	Hope Network	Grand Rapids	MI
Ramos	Rosemary	Association for the Blind & Visually Impaired	Grand Rapids	MI
Myers	Charles	City of Lowell	Lowell	MI
Cameron	Michelle E	Association for the Blind & Visually Impaired	Grand Rapids	MI
		WXMI Channel 17 (FOX)	Grand Rapids	MI
		Grand Rapids Audubon Club	Grand Rapids	MI
		Baxter Community Center	Grand Rapids	MI
Bee	Dave	West Michigan Regional Planning Commission	Grand Rapids	MI
Bergman	Dale	Sparta Township	Sparta	MI
Bierman	Wanda	Kent County Health Department	Grand Rapids	MI
Bishop	Dorothy	Nelson Township	Sand Lake	MI
		Kent Community Hospital	Grand Rapids	MI
Borum	Larry	Grand Rapids Urban League	Grand Rapids	MI
Stanton	James		East Grand Rapids	MI
Bower	Rae		Grand Rapids	MI
Schmid	Barbara		Grand Rapids	MI
Visscher	Michelle	Commission for the Blind	Grand Rapids	MI
Schreiner	Amy B.	Association for the Blind & Visually Impaired	Grand Rapids	MI
Shepard	Dan	Little River Band of Ottawa Indians	Manistee	MI
Davis	Monte	Match-E-Be-Nash-She-Wish Band of Potawatomi Indians	Dorr	MI
		Nottawaseppi Huron Band of Potawatomi	Fulton	MI
		Michigan Historical Center	Lansing	MI
		Environmental Protection Agency - Region 5	Chicago	IL
		Fish and Wildlife Service	East Lansing	MI
		G.R. Ford International Airport	Grand Rapids	MI
		Grand Rapids Community Foundation	Grand Rapids	MI
		Grand Rapids Downtown Development Authority	Grand Rapids	MI
		Heritage Hill Association	Grand Rapids	MI
		Kent Conservation District	Grand Rapids	MI
		Kent County Farm Service Agency	Grand Rapids	MI
		Kent County Parks Department	Grand Rapids	MI
		Kent Michigan State University Extension	Grand Rapids	MI
		Land Conservancy of West Michigan	Grand Rapids	MI
		Mackinac Chapter-Sierra Club	Lansing	MI
		MI United Conservation Club	Grand Rapids	MI
		Michigan Dept. of Agriculture	Lansing	MI
		Michigan Dept. of Community Health	Lansing	MI
		Michigan Department of Natural Resources and Environment	Grand Rapids	MI
		Michigan Dept. of Natural Resources	Lansing	MI
		Michigan Economic Development Corporation	Lansing	MI
		The Right Place, Inc.	Grand Rapids	MI
		USDA-Michigan State Office	East Lansing	MI
		USGS - Lansing District Office	Lansing	MI
		Western Michigan University - Grand Rapids	Grand Rapids	MI
Dewey	David	Village of Sand Lake	Sand Lake	MI
Crosby	Kathy	Goodwill Industries	Grandville	MI
Kahrs	Rand	Village of Casnovia	Casnovia	MI
		West Grand Neighborhood Association	Grand Rapids	MI

Last Name	First Name	Company	Business City	Business State
Sibley	Joe	Disability Advocates of Kent County	Grand Rapids	MI
Knapp	Jeff	Spencer Township	Gowen	MI
Blumm	Paula	Lowell Charter Township	Lowell	MI
Van Buren	Sarah	Federal Highway Administration, Michigan Division	Lansing	MI
McCurren	Kevin	Greater Grand Rapids Bicycling Coalition	Grand Rapids	MI
Haverdink	Pam	Georgetown Seniors	Jenison	MI
Bowman	Tiffany	Pioneer Resources	Muskegon	MI
		Norfolk Southern Corporation	Grand Rapids	MI
		CSX Transportation	Grand Rapids	MI
		West Michigan Environmental Action Council	Grand Rapids	MI
		Amtrak	Chicago	IL
		Greyhound Bus Lines	Grand Rapids	MI
		Indian Trails Motorcoach	Grand Rapids	MI
		Ambucab Neighbors International Transport	Grand Rapids	MI
		Health Care Associates	Grandville	MI
		Ambulance Service By American	Grand Rapids	MI
		Wings of Mercy	Holland	MI
		Corporate Angel Network	White Plains	NY
James	Derrick	Amtrak	Chicago	IL
Remenap	Molly	Wyoming Senior Center	Wyoming	MI
Hanes	Kathy	Allendale Lifelong Learners	Allendale	MI
Kolenda	Tammy	Byron Twp. Senior Program	Byron Center	MI
Kubiszewski	Jean	Forest Hills Senior Center	Grand Rapids	MI
Halstead	Robin	Cutlerville-Gaines Chamber of Commerce	Grand Rapids	MI
		Rockford Area Chamber of Commerce	Rockford	MI
Sanchez	Carlos	West Michigan Hispanic Chamber of Commerce	Grand Rapids	MI
		Friends of Transit	Grand Rapids	MI
		Area Agency on Aging of Western Michigan	Grand Rapids	MI
Fitzgerald	Elleen	Calvary Church	Grand Rapids	MI
		AARP Foundation	Grand Rapids	MI
Gray	Richard W.	Area Community Service Employment and Training Council	Grand Rapids	MI
Schoon	Mary Kay	Ottawa County Michigan Works!	Holland	MI
Fowler	Jay	Grand Rapids Downtown Development Authority	Grand Rapids	MI
		Allendale Township DDA	Allendale	MI
		Byron Township DDA	Byron Center	MI
		Cascade Charter Township DDA	Grand Rapids	MI
		Cedar Springs DDA	Cedar Springs	MI
		Comstock Park DDA	Comstock Park	MI
		City of Grandville DDA	Grandville	MI
		City of Hudsonville DDA	Hudsonville	MI
		City of Rockford DDA	Rockford	MI
		City of Wyoming DDA	Wyoming	MI
		Standale DDA	Walker	MI
		Village of Sparta DDA	Sparta	MI
Sapakie	Rebecca	WOOD TV 8	Grand Rapids	MI
Phelps	Nate	West Michigan Mountain Biking Association	Grand Rapids	MI
Ricard	Jerry	Coopersville and Marne Railway	Coopersville	MI
Bixby	Jack	Mid-Michigan Railroad Co.	Vassar	MI
Gordon	Rodney	Grand Elk Railroad	Kalamazoo	MI
Bixby	Jack	Grand Rapids Eastern Railroad	Vassar	MI
Slaughter	Tony	American Red Cross W. Cent. MI	Grand Rapids	MI
Byle	Tom	Kent County Road Commission	Grand Rapids	MI
Marks	Lisa	American Red Cross	Grand Rapids	MI
Davison	Chuck	Amway Corporation	Ada	MI
Hawkins	Roy	GRFIA	Grand Rapids	MI
Ruble	Kevin	Marquette Rail Corporation	Ludington	MI
Helmer	Alice		Sparta	MI
Bouwens	Dr. Eric		Kentwood	MI
		Grand Rapids Convention and Visitors Bureau	Grand Rapids	MI
Gonzales-Cortes	Martha	Hispanic Center of Western Michigan	Grand Rapids	MI
Medema	Dave	Pondera Advisors LLC	Grand Rapids	MI
Wood	Kara	City of Grand Rapids Economic Development	Grand Rapids	MI
Cushman	Chad	Indian Trails Motorcoach	Owosso	MI
Jordan	Robert	Greyhound Lines, Inc.	Detroit	MI
Bailey	Chris	Spectrum Health	Grand Rapids	MI
Babson	Erin	Grand Valley State University	Grand Rapids	MI
Barnes	Robert	Senior Neighbors	Grand Rapids	MI
Mumaw	Patti	Grand Rapids Community College	Grand Rapids	MI
Crandall-Rice	Bev	United Methodist Community House	Grand Rapids	MI
		Columbian Logistics	Grand Rapids	MI
		Michigan Rail and Storage	Comstock Park	MI
		Vans Logistics Service	Grand Rapids	MI

Last Name	First Name	Company	Business City	Business State
		Masselink Brothers, Inc.	Grand Rapids	MI
		Nationwide Transportation Services	Grand Rapids	MI
Dutmer	Casey	Disability Advocates of Kent County	Grand Rapids	MI
Langdon	John	Michigan Association of Railroad Passengers	Holland	MI
Homeyer	Peter	Land Conservancy of West Michigan	Grand Rapids	MI
Donovan	Brian	LGROW	E. Grand Rapids	MI
		Ottawa County Drain Commission	West Olive	MI
		Federal Aviation Administraion - Great Lakes Region	Romulus	MI
		West Michigan Strategic Alliance	Grand Rapids	MI
		Annis Water Resource Institute	Muskegon	MI
		Ottawa County Farm Bureau	Allendale	MI
Waybrant	Ron	Izaak Walton League - Dwight Lydell Chapter	Belmont	MI
		United Growth for Kent County	Grand Rapids	MI
		U.S. Army Corps of Engineering, Detroit District	Detroit	MI
		U.S. Dept. of Agriculture - Natural Resource of Conservation Service	East Lansing	MI
		U.S. Dept. of Commerce - National Oceanic & Atmospheric Administration	Washington	DC
		U.S. Dept. of Housing & Urban Development, Detroit Office	Detroit	MI
		Environmental Protection Agency, Office of Federal Activities, NEPA	Washington	DC
		Michigan Land Use Institute	Traverse City	MI
		West Michigan Trails & Greenways Coalition	Comstock Park	MI
		State Historic Preservation Office	Lansing	MI
		Catholic Social Services	Grand Rapids	MI
		Hospice of Michigan	Ada	MI
		Riverview Aviation	Jenison	MI
		Millbrook Neighborhood Assn.	Grand Rapids	MI
		John Ball Zoo	Grand Rapids	MI
		S.J. Wisinski & Co.	Grand Rapids	MI
Cummings	Sam	Second Story Properties	Grand Rapids	MI
Sanford	Rob	WCUZ Radio News	Grand Rapids	MI
Bulkowski	Dave	Disability Advocates	Grand Rapids	MI
		Garfield Park Neighborhood Assn.	E. Grand Rapids	MI
		East Hills Neighborhood Association	Grand Rapids	MI
Dean	William	Oakfield Township	Rockford	MI
		Conrail	Grand Rapids	MI
Krueger	Daniel	Ottawa County	Grand Haven	MI
		North Park Neighborhood Assn.	Grand Rapids	MI
		City of Cedar Springs	Cedar Springs	MI
Ellick	Robert	Solon Township	Cedar Springs	MI
Cornell-Howe	Sandra	MI Dept. of Transportation	Lansing	MI
		United Parcel Service	Wyoming	MI
Crawford	John	Wyoming - Kentwood Chamber Of Commerce	Wyoming	MI
Heyboer	David	Friends of the White Pine Trail	Belmont	MI
		Area Agency on Aging	Grand Rapids	MI
		West Side Connection	Grand Rapids	MI
DeYonker	Alex	Warner, Norcross & Judd, LLP	Grand Rapids	MI
Granse	Richard	Friends of the White Pine Trail	Belmont	MI
		Ottawa Hills Neighborhood Assn.	Grand Rapids	MI
Fehsenfeld	Tom	Crystal Flash	Grand Rapids	MI
MacGregor	Peter	Cannon Township	Rockford	MI
		Fair Housing Center of West Michigan	Grand Rapids	MI
Heartwell	George	City of Grand Rapids	Grand Rapids	MI
Cranson	Jeff	Grand Rapids Press	Grand Rapids	MI
		Spectrum Health	Grand Rapids	MI
Force	Frank	Grattan Township	Belding	MI
Hoffman	Jack	Wheeler, Upham, P.C.	Grand Rapids	MI
Hoffman	Mort		Grand Rapids	MI
		GROW	Grand Rapids	MI
Hunsburger	Jerry	Kent Intermediate School District	Grand Rapids	MI
		Black Hills Citizens Group	Grand Rapids	MI
		WOOD Radio News	Grand Rapids	MI
Kehoe	Nancy	Heart of West Michigan United Way	Grand Rapids	MI
Kempainen	Curt	Kent County Dept. of Public Works	Grand Rapids	MI
Kent	Dennis	MI Dept. of Transportation	Grand Rapids	MI
		Grand Rapids Air Pollution Control	Grand Rapids	MI
Hoemke	Dennis	Algoma Township	Rockford	MI
Verheulen	Rob	City of Walker	Walker	MI
Koches	John	Grand Valley State University	Muskegon	MI
Koehler	Ronald	Kent Intermediate School District	Grand Rapids	MI
		Dakotah Family Treatment Center	Grand Rapids	MI
		MI Black Expo	Grand Rapids	MI
Sandifer	Tim	South East Community Association	Grand Rapids	MI
		Roadway Express	Wyoming	MI

Last Name	First Name	Company	Business City	Business State
		Michigan Oaks Neighborhood Assn.	Grand Rapids	MI
		Grand Action	Grand Rapids	MI
		Village Bike Shop	Cascade	MI
Kuhn	Katherine		Grand Rapids	MI
Hollinrake	Mary	Kent County	Grand Rapids	MI
Peterson	Dean	MDOT-Passenger Trans. Division	Lansing	MI
		Cherry Hill Historic District	Grand Rapids	MI
		Historic Preservation	Grand Rapids	MI
		Blandford Nature Center	Grand Rapids	MI
		North County Trails-West Chapter	Grand Rapids	MI
		MC Smith & Associates	Grand Rapids	MI
		ITP - The Rapid	Grand Rapids	MI
		CSX Railroad	Jacksonville	FL
		MARP	Grandville	MI
		Neighbors of Belknap Lookout	Grand Rapids	MI
Logie	Susie		Grand Rapids	MI
		MI Assn. For the Blind & Visually Impaired	Grand Rapids	MI
		Gerontology Network Service	Grand Rapids	MI
		4-C Regional Child Care	Grand Rapids	MI
		Alger Heights Neighborhood Assn.	Grand Rapids	MI
		Grand Rapids Community College	Grand Rapids	MI
		American Cancer Society	Grand Rapids	MI
		East Hills Council of Neighbors	Grand Rapids	MI
Porter	Chuck	Courtland Township	Rockford	MI
Miedema	Jim	Jamestown Township	Jamestown	MI
		Wyoming Senior Citizens	Wyoming	MI
Preoli	Jan	Friends of the White Pine Trail	Belmont	MI
		Kent County Social Services	Grand Rapids	MI
		Easter Seal Society	East Grand Rapids	MI
		The ARC Kent County	Grand Rapids	MI
		Pine Rest Christian Hospital	Grand Rapids	MI
		Metropolitan Hospital	Wyoming	MI
		Hospital & Rehabilitation Center	Grand Rapids	MI
		Columbian Distribution	Grand Rapids	MI
		Con-Way Central Express Inc.	Grand Rapids	MI
		February Fourteen Inc.	Grand Rapids	MI
		Gainey Transportation Services	Grand Rapids	MI
		Gra-Bell Truck Line Inc.	Holland	MI
		Grassmid Transport	Zeeland	MI
		Roosevelt Park Neighborhood Assn.	Grand Rapids	MI
		Parker Motor Freight	Jackson	MI
		Robinson Cartage Co.	Wyoming	MI
		Sprinter Services, Inc.	Grandville	MI
		The TLC Group, Inc.	Holland	MI
		Towne Air Freight Inc.	Grand Rapids	MI
		Van's Delivery Service, Inc.	Walker	MI
		A Better Grand Rapids Limousine Svc.	Grand Rapids	MI
		A Prestige Service	Grand Rapids	MI
		Aero Med-Air Medical Transport	Grand Rapids	MI
		Air Ambulance by Life EMS	Grand Rapids	MI
		AMB-U-CAB by G.R. Veterans	Grand Rapids	MI
		Calder City Taxi	Grand Rapids	MI
		Health Care Associates of G.R.	Grandville	MI
		Mercy Ambulance Service	Grand Rapids	MI
		Veterans and Yellow Cab Co.	Grand Rapids	MI
Haas	Thomas J.	Grand Valley State University	Allendale	MI
		Calvin College	Grand Rapids	MI
		Aquinas College	Grand Rapids	MI
		Cornerstone & Baptist Seminary	Grand Rapids	MI
		Kendall College of Art/Design	Grand Rapids	MI
Pettis	Edie	Pettis Farms	Ada	MI
		ITT Technical Institute	Wyoming	MI
		Kent Intermediate School District	Grand Rapids	MI
		Big Brothers Big Sisters	Grand Rapids	MI
		YMCA/YWCA	Grand Rapids	MI
		American Civil Liberties Union	Grand Rapids	MI
		Bethany Christian Services	Grand Rapids	MI
		Project Rehab	E. Grand Rapids	MI
		Salvation Army	Grand Rapids	MI
Small	Doug	Grand Rapids Visitors & Convention Bureau	Grand Raids	MI
		Amway Hotel	Grand Rapids	MI
		Family Outreach Program	Grand Rapids	MI

Last Name	First Name	Company	Business City	Business State
		Lesbian & Gay Community Network	Grand Rapids	MI
		Rental Property Owners Assn.	Grand Rapids	MI
		Retired & Senior Volunteer Program	Grand Rapids	MI
		NAACP	Grand Rapids	MI
		Arts Council of Greater Grand Rapids	Grand Rapids	MI
Ray	Kathleen		Comstock Park	MI
		Thornapple Trail Assn.	Middleville	MI
		Spare Tire Bike Shop	Grand Rapids	MI
		The Rapid Wheelmen	Grand Rapids	MI
Faass	Don		Grand Rapids	MI
Root	Rick	City of Kentwood	Kentwood	MI
McDonald	Tom		Grand Rapids	MI
Radlick	Ken & Maureen		Grand Rapids	MI
Rycenga	Roger	Ottawa County Commissioner	Allendale	MI
Ramirez	Rebecca	ACSET-Latin American Services Progam	Grand Rapids	MI
		North End Neighborhood Assn.	Grand Rapids	MI
Scholtz	John	Ottawa County Parks & Recreation	West Olive	MI
Petruska	John	Village of Kent City	Kent City	MI
Sevensma	Norm	West MI Environmental Action Council	E. Grand Rapids	MI
		Creston Neighborhood Association	Grand Rapids	MI
Stonehouse	Ron	Kent County	Grand Rapids	MI
Simon	Sandy	AAA of Michigan	Grand Rapids	MI
Smith	Rosa L.	Kentwood Pines N.A.	Kentwood	MI
		Saint Mary's Hospital	Grand Rapids	MI
		South West Area Neighbors	Grand Rapids	MI
Stark	Ione	Tyrone Township	Kent City	MI
Williams	Paul & Joan	Princeton Estates	Kentwood	MI
Tilma	Thomas	Gaines Charter Township	Caledonia	MI
		Highland Park Association	Grand Rapids	MI
Reyes	Esther	Garfield Park Neighborhoods Association	Grand Rapids	MI
Wenger	Christian	Bowne Township	Alto	MI
		Grand Rapids Public Schools	Grand Rapids	MI
VanEss	Toby	Tallmadge Township	Grand Rapids	MI
Wittenbach	Tim	Vergennes Township	Lowell	MI
Murray	Mark	Meijer, Inc.	Grand Rapids	MI
Englehart	Jeanne	Grand Rapids Area Chamber of Commerce	Grand Rapids	MI
Cloyd	Brian	Steelcase, Inc.	Grand Rapids	MI
Fowler	Jay	City of Grand Rapids DDA	Grand Rapids	MI
Ritsema	Pamela	City of Grand Rapids	Grand Rapids	MI
		St. Mary's Health Services	Grand Rapids	MI
Sturtevant	Dennis	Dwelling Place of Grand Rapids	Grand Rapids	MI
Buck	James	City of Grandville	Grandville	MI
Drake	Beverly	ACSET Council	Grand Rapids	MI
		Faith in Motion	Grand Rapids	MI
Pekich	Barbara	Heartside Ministry	Grand Rapids	MI
		WGVU AM/FM News Department	Grand Rapids	MI
Wyangarden	Mike	Advance Newspapers	Jenison	MI
		WGRD AM/FM News Department	Grand Rapids	MI
Valade	Carol	Grand Rapids Business Journal	Grand Rapids	MI
Pulliam	Patricia	Grand Rapids Times	Grand Rapids	MI
Zylstra	Dave	Caledonia Charter Township	Caledonia	MI
Brinks	Lois	American Red Cross	Muskegon	MI
		WWMT Channel 3 (CBS)	Kalamazoo	MI
Byl	Bill	Kent County Drain Commission	Grand Rapids	MI
Hoskins	Kenneth	Grand Rapids Public Schools	Grand Rapids	MI
Bartman	Cindy	City of East Grand Rapids	East Grand Rapids	MI
Moyer	James	Grand Valley State University	Allendale	MI
		John Ball Park Community Association	Grand Rapids	MI
		Midtown Neighborhood Association	Grand Rapids	MI
Sawyer	Keary		Grand Rapids	MI
Lanning	Ray B.		Grand Rapids	MI
Oosterbaan	Tom	Senior Neighbors	Grand Rapids	MI
		Fish-For-My-People	Grand Rapids	MI
		Grand Rapids Youth Commonwealth	Grand Rapids	MI
		Paws for a Cause	Moline	MI
Redmond	Steve	MI Dept. of Transportation	Grand Rapids	MI
		Grand Rapids Towing	Grand Rapids	MI
		Fulton Heights Neighborhood Association	Grand Rapids	MI
		Take Pride! Community	Grand Rapids	MI
		Mary Free Bed Hospital & Rehabilitation Center	Grand Rapids	MI
		Baxter Neighborhood Association	Grand Rapids	MI
Rose	Judy	Black Hills Citizens for a Better Community	Grand Rapids	MI

Last Name	First Name	Company	Business City	Business State
Rozeboom	Becky	Neighborhood Associations Overview Map Information	Grand Rapids	MI
Bulten	Tom	Oakdale Neighbors Information	Grand Rapids	MI
		Ridgemoor Neighborhood Association	Grand Rapids	MI
		South Hill Neighborhood Association	Grand Rapids	MI
		Heartside/Downtown Neighborhood Association	Grand Rapids	MI
Cody	Therese	MI Department of Transportation	Lansing	MI
Doty-Nation	Pam	Habitat for Humanity	Grand Rapids	MI
		Meadowlawn Neighborhood Assn.	Kentwood	MI
		Walnut Hills Condo #2 Association	Kentwood	MI
Taliaferro	Debra		Grand Rapids	MI
Warners	John D	Leisure South Condominiums	Kentwood	MI
Haddix	Susan	Windmill Pointe	Kentwood	MI
		Hampton Meadows	Kentwood	MI
Howard	Melinda	Kentwood Estates	Kentwood	MI
		Old Farm Estates Neighborhood Assn.	Kentwood	MI
Flechsig	Randolph	Davenport University	Grand Rapids	MI
		Hispanic Center of West Michigan	Grand Rapids	MI

Figure 4 Grand Rapids Press Affidavit of Publication #1

Grand Rapids Press
155 Michigan St. NW., Grand Rapids, MI 49503

AFFIDAVIT OF PUBLICATION

State of Michigan,) ss
County of Kent)

Sheryl L DeVriendt being duly sworn, deposes and says that principal clerk of the Grand Rapids Press; that said Grand Rapids Press is a newspaper published and circulated in the County of Kent, Michigan; that the attached notice has been duly published in said newspaper on the following dates:

April 24, 2010

Customer Name:

GRAND VALLEY METRO LEGAL ADS

Sheryl L DeVriendt

Sheryl L DeVriendt

Subscribed and sworn to before me this 28th day of April A.D. 2010

Diane F. Fase

Diane F. Fase NOTARY PUBLIC IN AND FOR THE COUNTY OF KENT, STATE OF MICHIGAN

My Commission Expires: February 19, 2014

DIANE F. FASE
Notary Public, State of Michigan
County of Kent
My Commission Expires: 02/19/2014
Acting in the County of Kent

GVMC NOTICE OF PUBLIC MEETING

The Grand Valley Metro Council will be hosting two public meetings to seek comments on the Draft Fiscal Year 2011-2014 Transportation Improvement Program (TIP) and an amendment to the 2035 Long Range Transportation Plan (LRTP):

Monday, May 3, 2010 - 5:00 PM to encourage public comment on the Draft TIP list of projects and deficient road segments, and

Tuesday, May 18, 2010 - 5:00 PM to encourage public comment on the Air Quality Conformity Analysis results and Environmental Justice review, and 2035 LRTP amendment.

Both meetings are at the GVMC Offices (address below) and are open to the public.

The TIP describes transportation priorities for investment over the next 4 years in Kent and E. Ottawa Co. and the LRTP describes investments for the next 25 years. Both the Draft TIP and amendment to the LRTP require an air quality conformity analysis.

For more information, to submit written comments, to access the draft TIP project list, air quality conformity analysis results, or LRTP amendment go to www.gvmc.org or contact Darrell Robinson, Transportation Planner, Grand Valley Metro Council, 678 Front Ave N.W. Suite 200, Grand Rapids, MI 49504 Phone: (616) 776-7609 Email: robinsond@gvmc.org

3678728-01

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Affidavit \$ 0.00

Words/Lines \$ 293.25

**AFFIDAVIT OF PUBLICATION
GRAND RAPIDS PRESS
GRAND RAPIDS, MICHIGAN**

IN THE MATTER OF

GRAND VALLEY METRO LEGAL ADS
ANDREA DEWEY
678 FRONT AVE NW
STE 200
GRAND RAPIDS MI 49504

Received and filed this 28th day of April A.D. 2010

Figure 5 Grand Rapids Press Affidavit of Publication #2

Grand Rapids Press
155 Michigan St. NW., Grand Rapids, MI 49503

AFFIDAVIT OF PUBLICATION

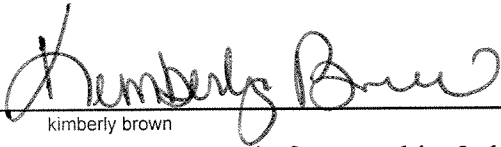
State of Michigan,) ss
County of Kent)

kimberly brown being duly sworn, deposes and says that he/she is principal clerk of the Grand Rapids Press; that said Grand Rapids Press is a newspaper published and circulated in the County of Kent, and the attached notice has been duly published in said newspaper on the following dates:

July 17, 2010

Customer Name:

GRAND VALLEY METRO LEGAL ADS


kimberly brown

Subscribed and sworn to before me this 3rd day of August A.D. 2010


Brenda M. Truskoski NOTARY PUBLIC IN AND FOR THE COUNTY OF KENT, STATE OF MICHIGAN

My Commission Expires: January 29, 2014

BRENDA M. TRUSKOSKI
Notary Public, State of Michigan
County of Kent
My Commission Expires: 01/29/2014
Acting in the County of Kent

_____ Folios	1	Times \$	293.25
_____ Words/Lines		Affidavit \$	0.00
		\$	293.25

**AFFIDAVIT OF PUBLICATION
GRAND RAPIDS PRESS
GRAND RAPIDS, MICHIGAN**

IN THE MATTER OF

GRAND VALLEY METRO LEGAL ADS
ANDREA DEWEY
678 FRONT AVE NW
STE 200
GRAND RAPIDS MI 49504

Received and filed this 3rd day of August A.D. 2010

Local soccer team headed to Special Olympics national games

Area 12 athletes head to Nebraska for event

BY CRIS GREER

THE GRAND RAPIDS PRESS

In 12 years of coaching their son Eric in Special Olympics competition, this summer has been the most special of all for Brian and Sandy Marlink.

The Area 12 (Ottawa and Allegan counties) Special Olympics Michigan soccer team, which won gold at the state soccer finals in October 2009, will participate in the 2010 Special Olympics national games, which begin today in Lincoln, Neb.

"We've been real excited since we found out at the end of October," said Sandy Marlink of Jenison, who coaches other sports as well.

"It's great. We had no idea that soccer was going to nationals. It was quite a surprise when they told us we were in the running.

"Any team that wins gold (at state) has a chance to go, but we are the only soccer team from Michigan going."

The 10 athletes representing the Area 12 Stars are from Coopersville, Eastmanville, Grand Haven, Jenison and Zeeland.

They include Karen Kuiper, Julie Roach, Aubrey Zeerip, Angie DeVries, Paul DeVries, Spencer McBurnett, Ryan Moore, Brandon Bucek, Tyler Kohley and Eric Marlink. Another coach, Jerry Zeerip, also is making the trip.

"As we get closer, they are getting really excited and asking a lot of questions," Marlink said. "Eric's been packed and ready to go for a while. He's been waking up early and ready to roll.

"He gets more excited every day. All three of us coaches are extremely excited, along with the kids."

Though Eric, 23, said soccer is one of his favorites, he also participates in basketball, softball, swimming and bowling, among others.

"He likes them all, but we've never gone this far for anything else before," Sandy Marlink said. "One girl (Julie Roach) on our team went to the World Games before in gymnastics.

"It's a once in a lifetime opportunity for them."

The Stars will board corporate jets, donated by companies around the United States, to fly to Nebraska to join 3,000 athletes and 8,000 volunteers at the six-day event.

Aubrey Zeerip, 19 the daughter of Jerry Zeerip, also looks forward to the trip.

"I can't wait," said Zeerip, who participates in swimming, track, softball, field hockey and her favorite sport, basketball.

Including parents, grandparents and other friends and relatives, about 37 people are making the trip.

"We get a lot more than what we put into it," Marlink said. "It's been an amazing ride; it's terrific. The kids are great.

"It's a really great opportunity to represent our area."

E-mail: sports@grpress.com

We'd like your input. **GVMC**

The Grand Valley Metropolitan Council (GVMC) Draft Fiscal Year 2011-2014 Transportation Improvement Program (TIP) document is available for public comment. This document describes area transportation projects for the next four years and may be viewed online at www.gvmc.org or at the GVMC Office.

A public meeting encouraging comment on this document is scheduled:

Time: 6:00 p.m.

Date: Thursday, July 29, 2010

Place: Grand Valley Metropolitan Council
678 Front Avenue, Suite 200
Grand Rapids, MI 49504

If you are not able to attend, written comments will be accepted until August 2, 2010. Anyone needing special assistance to attend or auxiliary communication equipment due to a sensory impairment or disability should contact GVMC no later than July 27, 2010. Written comments may be sent the GVMC address above, or emailed to Darrell at robinsond@gvmc.org, or you may call (616) 776-7609.

3778992-01

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Chapter III Consultation

A new addition from the current federal transportation legislation, SAFETEA-LU, to transportation planning is the Consultation Process. There are specific requirements that outline what types of agencies or stakeholders need to be consulted during the transportation planning process and the type of information that needs to be shared with these interested parties. It is suggested that contacts with State, local, Indian Tribes, and private agencies responsible for the following areas be contacted:

- Economic growth and development
- Environmental protection
- Airport operators
- Freight movement
- Land use management
- Natural resources
- Conservation
- Historical preservation
- Human Services Transportation Providers

The overarching goal of this process is to eliminate or minimize conflicts with other agencies' plans, programs or policies as they relate to the Transportation Improvement Program.

The consultation process that the Grand Valley Metro Council staff underwent was based on the recommendations of the Federal Highway Administration and the Michigan Department of Transportation.

The organizations listed in the Interested Citizens/Agencies list that GVMC maintains for transportation planning outreach was used as a starting point for the consultation process. This list was expanded upon to generate a Consultation List, with the specific types of organizations and agencies GVMC is required to contact during this process. (See Consultation List, figure 6.) It should be noted that this list is continuously updated to assure the most relevant organizations are contacted as part of the GVMC Consultation Process.

Information Sent

The Consultation Process that GVMC undertook began with mailing an introductory letter, a GVMC background sheet, a map of TIP projects, and the TIP project lists. (See Sample Consultation Letter, figure 7 and GVMC Background Sheet, figure 8). This information was assembled and mailed to the organizations and agencies on the Consultation List on July 17, 2010.

This mailing is intended to generate a dialogue about the TIP document and project lists with the consulted organizations so that a cooperative understanding of potential

impacts from transportation projects can be developed along with mitigation options. The mailings indicate that GVMC staff is available for individual meetings with organizations and encourages participation in the process. Response was requested by August 2, 2010.

Consultation comments (figure 9) will be documented below.

Figure 6 Consultation list

GVMC Consultation List

<u>Organization/Agency</u>	<u>City</u>	<u>State</u>
ACEST - Latin American Services	Grand Rapids	MI
ACSET - West Side Complex	Grand Rapids	MI
Aero Med - Air Medical Transport	Grand Rapids	MI
Air Ambulance by Life EMS	Grand Rapids	MI
Allendale Township DDA	Allendale	MI
AMB-U-CAB by G.R. Veterans	Grand Rapids	MI
Ambucab Neighbors International Transport	Grand Rapids	MI
Ambulance Service By American	Grand Rapids	MI
American Red Cross W. Cent. MI	Grand Rapids	MI
Amtrak	Chicago	IL
Annis Water Resource Institute	Muskegon	MI
Area Agency on Aging of Western Michigan	Grand Rapids	MI
Arts Council of Greater Grand Rapids	Grand Rapids	MI
Association for the Blind & Visually Impaired	Grand Rapids	MI
Blandford Nature Center	Grand Rapids	MI
Byron Township DDA	Byron Center	MI
Calder City Taxi	Grand Rapids	MI
Cascade Charter Township DDA	Grand Rapids	MI
Cedar Springs DDA	Cedar Springs	MI
Cherry Hill Historic District	Grand Rapids	MI
City of Grand Rapids Economic Development	Grand Rapids	MI
City of Grandville DDA	Grandville	MI
City of Hudsonville DDA	Hudsonville	MI
City of Rockford DDA	Rockford	MI
City of Wyoming DDA	Wyoming	MI
Columbian Distribution	Grand Rapids	MI
Comstock Park DDA	Comstock Park	MI
Conrail	Grand Rapids	MI
Con-Way Central Express Inc.	Grand Rapids	MI
CSX Transportation	Grand Rapids	MI
Cutlerville-Gaines Chamber of Commerce	Grand Rapids	MI
Disability Advocates	Grand Rapids	MI
Environmental Protection Agency - Region 5	Chicago	IL
Fair Housing Center of West Michigan	Grand Rapids	MI
Faith in Motion	Grand Rapids	MI
Federal Aviation Administration - Great Lakes Region	Romulus	MI
Federal Highway Administration, Michigan Division	Lansing	MI
Fish and Wildlife Service	East Lansing	MI
Fish-For-My-People	Grand Rapids	MI
Friends of the White Pine Trail	Belmont	MI
Friends of Transit	Grand Rapids	MI
G.R. Ford International Airport	Grand Rapids	MI
Gainey Transportation Services	Grand Rapids	MI
Grand Action	Grand Rapids	MI
Grand Rapids Air Pollution Control	Grand Rapids	MI
Grand Rapids Area Chamber of Commerce	Grand Rapids	MI
Grand Rapids Audubon Club	Grand Rapids	MI
Grand Rapids Convention and Visitors Bureau	Grand Rapids	MI
Grand Rapids Downtown Development Authority	Grand Rapids	MI
Grassmid Transport	Zeeland	MI
Greyhound Bus Lines	Grand Rapids	MI

GVMC Consultation List

<u>Organization/Agency</u>	<u>City</u>	<u>State</u>
GRFIA	Grand Rapids	MI
GROW	Grand Rapids	MI
Hispanic Center of West Michigan	Grand Rapids	MI
Historic Preservation	Grand Rapids	MI
Hope Network	Grand Rapids	MI
Indian Trails Motorcoach	Grand Rapids	MI
Issac Walton League - Dwight Lydell Chapter	Belmont	MI
ITP - The Rapid	Grand Rapids	MI
John Ball Park Community Association	Grand Rapids	MI
John Ball Zoo	Grand Rapids	MI
Kent Conservation District	Grand Rapids	MI
Kent County	Grand Rapids	MI
Kent County Department of Human Services	Grand Rapids	MI
Kent County Dept. of Public Works	Grand Rapids	MI
Kent County Drain Commission	Grand Rapids	MI
Kent County Farm Service Agency	Grand Rapids	MI
Kent County Parks Department	Grand Rapids	MI
Kent County Social Services	Grand Rapids	MI
Kent Intermediate School District	Grand Rapids	MI
Kent Michigan State University Extension	Grand Rapids	MI
Land Conservancy of West Michigan	Grand Rapids	MI
LGROW	E. Grand Rapids	MI
Little River Band of Ottawa Indians	Manistee	MI
Little River Band of Ottawa Indians	Manistee	MI
Mackinac Chapter-Sierra Club	Lansing	MI
MARP	Grandville	MI
Match-E-Be-Nash-She-Wish Band of Potawatomi Indians	Dorr	MI
Match-E-Be-Nash-She-Wish Band of Pottawatomi	Dorr	MI
MDOT-Passenger Trans. Division	Lansing	MI
Mercy Ambulance Service	Grand Rapids	MI
MI Department of Transportation	Lansing	MI
MI Dept. of Transportation	Lansing	MI
MI Dept. of Transportation	Grand Rapids	MI
MI United Conservation Club	Grand Rapids	MI
Michigan Department of Natural Resources and Environment	Grand Rapids	MI
Michigan Dept. of Agriculture	Lansing	MI
Michigan Dept. of Community Health	Lansing	MI
Michigan Economic Development Corporation	Lansing	MI
Michigan Historical Center	Lansing	MI
Michigan Land Use Institute	Traverse City	MI
Mid-Michigan Railroad Co.	Vassar	MI
Native American Community Services	Grand Rapids	MI
Norfolk Southern Corporation	Grand Rapids	MI
North County Trails-West Chapter	Grand Rapids	MI
Nottawaseppi Huron Band of Potawatomi	Fulton	MI
Ottawa County Drain Commission	West Olive	MI
Ottawa County Farm Bureau	Allendale	MI
Ottawa County Parks & Recreation	West Olive	MI
Pioneer Resources	Muskegon	MI
Ready Ride Transportation, Inc.	Wyoming	MI
Rental Property Owners Assn.	Grand Rapids	MI

GVMC Consultation List

<u>Organization/Agency</u>	<u>City</u>	<u>State</u>
Riverview Aviation	Jenison	MI
Roadway Express	Wyoming	MI
Rockford Area Chamber of Commerce	Rockford	MI
Standale DDA	Walker	MI
State Historic Preservation Office	Lansing	MI
Sunshine Transportation	Grand Rapids	MI
Take Pride! Community	Grand Rapids	MI
The ARC Kent County	Grand Rapids	MI
The Rapid Wheelmen	Grand Rapids	MI
The Right Place, Inc.	Grand Rapids	MI
The TLC Group, Inc.	Holland	MI
Thornapple Trail Assn.	Middleville	MI
Towne Air Freight Inc.	Grand Rapids	MI
U.S. Army Corps of Engineering, Detroit District	Detroit	MI
U.S. Dept. of Agriculture - Natural Resource of Conservation Service	East Lansing	MI
U.S. Dept. of Commerce - National Oceanic & Atmospheric Administration	Washington	DC
U.S. Dept. of Housing & Urban Development - Detroit Office	Detroit	MI
United Growth for Kent County	Grand Rapids	MI
United Methodist Community House	Grand Rapids	MI
USDA - Michigan State Office	East Lansing	MI
USGS - Lansing District Office	Lansing	MI
Village of Sparta DDA	Sparta	MI
West Michigan Environmental Action Council	Grand Rapids	MI
West Michigan Mountain Biking Association	Grand Rapids	MI
West Michigan Regional Planning Commission	Grand Rapids	MI
West Michigan Strategic Alliance	Grand Rapids	MI
West Michigan Trails & Greenways Coalition	Comstock Park	MI
West Side Connection	Grand Rapids	MI
Wyoming - Kentwood Chamber Of Commerce	Wyoming	MI

Figure 7 Consultation Letter



GRAND VALLEY METROPOLITAN COUNCIL

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MEMORANDUM

DATE: July 16, 2010
TO: Consulted Organizations and Agencies
FROM: Darrell Robinson, Transportation Planner
RE: Request for Consultation on 2010-2014 Transportation Improvement Projects

The Grand Valley Metropolitan Council (GVMC) is seeking input and planning document comparison and coordination on the Fiscal Year 2011-2014 Transportation Improvement Program (TIP) in order to foster cooperation while promoting communication within Federal, State, Tribal, and local agencies responsible for land use management, natural resources, environmental protection, conservation, and historic preservation.


Projects in the TIP include road resurfacing, road reconstruction, bridge replacement, intersection improvements, intelligent transportation system upgrades, as well as transit related projects. Enclosed are the TIP Proposed Project Lists with a corresponding map for locating projects. While the TIP does list the most immediate implementation priorities for transportation projects in Kent and Eastern Ottawa County, the inclusion of a specific project does not guarantee construction. Additionally, the entire TIP document is available through our website at www.gvmc.org

Please look over the enclosed Proposed Project Lists and the corresponding map and compare them with any long range plans or projects that your organization may be undertaking. For example, using inventories of natural or historic resources, please note if there are transportation projects that will interact or interfere with future policies or programs. Any comments or concerns regarding these projects should be sent to:

Grand Valley Metropolitan Council
Attn: Darrell Robinson
678 Front Ave, Suite 200
Grand Rapids, MI 49504

Please respond on or before August 2, 2010. Your comments are an important part of the transportation planning process. Without appropriate feedback, it is difficult for our organization to foresee potential issues. Lack of comment on your part will be viewed as endorsement of the Proposed Project Lists and the TIP document.

If you wish to meet in person regarding the attached, please feel free to contact me at robinsond@gvmc.org or (616) 776-7609 to schedule an appointment. Thank you in advance for your comments and participation.

Sincerely,

Darrell Robinson
Transportation Planner
Grand Valley Metropolitan Council

Enclosures

Figure 8 GVMC Background Sheet



GRAND VALLEY METROPOLITAN COUNCIL

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FY 2011-2014 Transportation Improvement Program Additional Information

What is GVMC?

The Grand Valley Metropolitan Council (GVMC) is the Metropolitan Planning Organization (MPO) for Kent and Eastern Ottawa Counties in western Michigan. GVMC is required by federal legislation to provide coordinating transportation planning and is made up of various governmental agencies, including:

- Federal Highway Administration (FHWA)
- Michigan Department of Transportation (MDOT)
- Kent County Road Commission
- Ottawa County Road Commission
- Cities of Cedar Springs, East Grand Rapids, Grand Rapids, Grandville, Hudsonville, Kentwood, Lowell, Rockford, Walker, and Wyoming
- The Townships of Spencer, Nelson, Solon, Tyrone, Sparta, Algoma, Courtland, Oakfield, Grattan, Cannon, Plainfield, Alpine, Ada, Vergennes, Lowell, Bowne, Caledonia, Gains, Byron, Jamestown, Georgetown, Blendon, Tallmadage, Allendale
- The Villages of Casnovia, Sparta, Caledonia
- The Rapid/Interurban Transit Partnership
- Gerald R. Ford International Airport

These agencies are represented on the GVMC's Transportation Committees, which are open to the public. More information on the meeting schedules for GVMC Committees can be found at www.gvmc.org

GVMC's transportation program is funded by planning funds from the Federal Highway Administration, the Federal Transit Administration, the Michigan Department of Transportation, and local dues.

What is the FY 2011-2014 Transportation Improvement Program?

The FY2011-2014 Transportation Improvement Program (TIP) is a financially constrained four-year program covering the most immediate implementation priorities for transportation projects and strategies from the GVMC's Long Range Transportation Plan.

The Transportation Improvement Program:

- Covers a minimum four-year period of investment
- Is updated every two years

- Is realistic in terms of available funding – it is not a “wish list” of projects
- Conforms with the State Implementation Plan for air quality purposes
- Is incorporated into the Statewide Transportation Improvement Program (STIP)

The FY 2011-2014 TIP is being developed by GVMC with the assistance of the GVMC Technical and Policy Committees. These committees consist of representatives from local governments, road, and transit agencies. To view the adopted FY 2008-2011 TIP, please go to <http://www.gvmc.org/transportation/tip.shtml> and for general information about GVMC visit <http://www.gvmc.org>.

Why are we soliciting comment from your organization?

As part of the federal transportation bill SAFETEA-LU (Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users), it is a requirement of metropolitan planning organizations to seek input under Environmental Mitigation and Consultation (reference 23 U.S.C. 134(i)(2)(B), 23 U.S.C. 135(F)(4), 23 U.S.C. 134(i)(4), and 23 U.S.C. 135(f)(2)(D)).

Comments that are received will be incorporated into the decision making and approval process for the FY 2011-2014 TIP and will be included in the document itself.

The staff at GVMC is available to meet to answer questions and provide additional information for proposed projects. Please contact Darrell Robinson at robinsond@gvmc.org or by calling (616) 776-7609.

Figure 9 Consultation Comments



Match-E-Be-Nash-She-Wish
Band of Pottawatomis Indians
GUN LAKE TRIBE

David K. Sprague
Tribal Chairman

Federally Acknowledged
August 23, 1999

Service Area: Allegan, Barry
Kalamazoo, Kent, and
Ottawa Counties

July 21, 2010

Grand Valley Metropolitan Council
678 Front Ave., Suite 200
Grand Rapids, MI 49504

Attn: Darrell Robinson

RE: 2010-2014 Transportation Improvement Project

On behalf of the Match-E-Be-Nash-She-Wish Band of Pottawatomis Roads Program, I thank you for the opportunity to make comments on the GVMC 2010-2014 TIP. Due to changes with in the Bureau of Indian Affairs (BIA) Indian Reservation Roads (IRR) program, all of the Tribes inventory routes are within Allegan County. At this time we have no long range transportation plans with any of these routes listed on our TIP. Although many tribal citizens live through out West Michigan we are currently restricted on our IRR inventory.

Again thank you for the opportunity to reply.

Sincerely,

Monte Davis
Environmental Specialist
Gun Lake Tribe

United States Department of Agriculture



Helping People Help the Land

Natural Resources Conservation Service

3001 Coolidge Road, Suite 250

East Lansing, MI 48823

T (517) 324-5270/ F (517) 324-5171/ www.mi.nrcs.usda.gov

July 22, 2010

Darrell T. Robinson
Transportation Planner
Grand Valley Metropolitan Council
678 Front Avenue, Suite 200
Grand Rapids, Michigan 49504

RE: 2011 – 2014 Proposed Transportation Improvement Projects in Kent and Ottawa
Counties in Michigan

Dear Mr. Robinson:

We have reviewed the numerous projects proposed for period 2011 to 2014. This review was conducted with respect to the effects that the projects may have on converting prime and unique farmland to other nonfarm uses.

The only project that poses a threat to converting prime and unique farmland to other uses is the widening of 4 Mile Road from Walker Avenue to Old Orchard Drive. Most of the soil resources from Walker Avenue to Cordes Avenue are farmed and considered as prime farmland or farmland of local importance. See enclosed map. If additional land will be acquired for construction in this proposal and if it totals more than one acre from Walker Ave. to Cordes Ave., then the enclosed Farmland Conversion Impact Rating For Corridor Type Projects (Form NRCS-CPA-106) needs to be completed to rate the land being converted. Please complete Parts I, III, VI and VII and submit to the address below for that office to complete their portion.

NRCS
Matthew Soehnel
District Conservationist
3260 Eagle Park Dr. NE, Suite 111
Grand Rapids, Michigan 49525

The completed form will be returned to your office. If no alternative corridor is practical to that of the original proposal for 4 Mile Road, please state this in block 5 – **Reason For Selection** at the bottom of the form.

Thank you for this opportunity to review and comment on this proposal.

Sincerely,

Dr. T. MacMaster, Acting For

STEPHEN S. DAVIS
Acting State Conservationist

Enclosures
NRCS-CPA-106
4 Mile Road

cc: w/o enclosures
Matthew Soehnel, District Conservationist, NRCS, Grand Rapids, MI
Eddie Glover, Area Conservationist, NRCS, Grand Rapids, MI



United States Department of the Interior

FISH AND WILDLIFE SERVICE
East Lansing Field Office (ES)
2651 Coolidge Road, Suite 101
East Lansing, Michigan 48823-6316

IN REPLY REFER TO:

August 2, 2010

Mr. Darrell Robinson
Grand Valley Metropolitan Council
678 Front Avenue, Suite 200
Grand Rapids, Michigan 49504

Re: Coordination for FY 2011-2014 Transportation Improvement Program Projects

Dear Mr. Robinson:

Thank you for your letter of July 16, 2010, for the above referenced project. We have reviewed the information you provided and offer the following comments.

Endangered Species

Section 7 of the Endangered Species Act of 1973, as amended (ESA) requires federal agencies, or their designees, to consider impacts to federally listed threatened and endangered species for all federally funded, constructed, permitted, or licensed projects. For additional information about the section 7 consultation process, please refer to our endangered species and technical assistance website at <http://www.fws.gov/midwest/endangered/section7/index.htm>.

Migratory Birds

Under the Migratory Bird Treaty Act of 1918, as amended, it is unlawful to take, capture, kill, or possess migratory birds, their nests, eggs, and young. For proposed projects that may contain habitat suitable for nesting by migratory bird species, we recommend you schedule construction activities or remove potential habitat or nesting structures before the initiation of spring nesting or after the breeding season has ended to avoid take of migratory birds, eggs, young, and/or active nests.

If any of the proposed bridge maintenance projects would remove migratory birds nesting on the bridge structures, construction should begin before the initiation of the breeding season for those species or after breeding has concluded. Alternatively, the structures can be screened before the breeding season to prevent nesting. Generally, we recommend that screening or any other habitat disturbance occur before April 15 or after August 15 to minimize potential impacts to migratory birds, but please be aware that some species may initiate nesting before April 15.

We appreciate the opportunity to provide these comments at this early stage of project planning. Please direct any questions to Barbara Hosler of this office at 517/351-6326.

Sincerely,

for Lisa L. Williams
Acting Field Supervisor

Chapter IV Environmental Justice

The roadway and transit projects in the TIP must meet the principles of the 1994 Presidential Executive Order 12898 relating to Environmental Justice (EJ): *Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations*. Specifically, the TIP must identify and address disproportionately high and adverse human health or environmental effects of its programs and policies on minority and low-income populations. Based on the spirit and intent of Environmental Justice, GVMC is striving to both identify and inform two major sectors of the population, minority populations and low income residents.

The methodology used to analyze that the principles are being met necessitated mapping areas of low-income and minority population concentrations, overlaying the TIP's proposed projects, and visually analyzing the potential impacts. The Environmental Justice Area map (Map 2) later in this chapter was instrumental in this process.

Identification of Environmental Justice areas

The Federal Office of Management and Budget's (OMB) 1997 Policy Directive 15, *Revisions to the Standards for the Classification of Federal Data on Race and Ethnicity*, established five minimum categories for data on race. The same Directive 15 defines low-income as "a person whose household income... is at or below the U.S. Department of Health Services poverty guidelines." Therefore, to conduct the EJ analysis, GVMC used the following categories:

- Black
- Hispanic
- Asian
- American Indian and Alaskan Native
- Native Hawaiian or Other Pacific Islander
- Low-Income

Using the latest U.S. Census data available (2000) and utilizing Geographic Information Systems software, GVMC analyzed the makeup and concentrations of these minority classifications at the census block group level and those census block groups at or below the poverty level. Environmental justice areas were designated based on the population of the targeted population group as it compares to the overall population of the entire metropolitan area. In the case of minorities, if any census block exceeded the population percentage for that minority group throughout the region as a whole, that block was flagged. For low income identification, the same methodology was used as for the other population groups, but census block groups were used to identify those populations as that is the format by which the data is provided by the census. This data was aggregated together to create comprehensive areas constituting the

“Environmental Justice” areas within the MPO. (See Map 2 the GVMC Environmental Justice Area map.)

Analysis of Impacts

With the minority and low-income areas delineated (EJ areas), an analysis of impacts could be completed. The analysis of potential impacts centers on three criteria:

- 1) Disproportionately high and adverse human health and environmental impacts to minority areas
- 2) Minimizing/blocking access of minority areas to the transportation system
- 3) Neglect of the transportation system in minority areas or otherwise reduce or delay the receipt of benefits to those areas

Using the delineated Environmental Justice Areas identified, GVMC was able to geographically overlay the 2011-2014 TIP projects on the EJ Areas to identify those projects in EJ Areas. A project was considered to be within an EJ area if 50% or more of the project length or service area was within the EJ boundaries and if a project was on the boundary of the EJ area. These projects were then assessed using the three criteria above.

Disproportionately high and adverse human health and environmental impacts to minority areas

Of the 116 TIP projects, 76 projects, or 66% of TIP projects, are in Environmental Justice areas. (See Table 3 TIP Projects Flagged by the GVMC Environmental Justice analysis.) These projects included all project categories; however the majority of the projects fall into three categories: roadway resurfacing, roadway reconstruction, and roadway improve/expand widening projects. Some of the improve/expand widening projects are in residential areas within EJ boundaries. These projects are anticipated to have minimal (if any) impacts in terms of noise, right-of-way takings, or pollution. Therefore it was determined that there are no disproportionately high or adverse human health impacts.

Minimizing/blocking access of minority areas to the transportation system

Minimizing access can be characterized as the permanent closing of streets or interchanges in order to accomplish the projects contained in the TIP. While temporary closures will be necessary as part of the construction process for many projects, no permanent closures are intended as a result of implementing the proposed projects. Therefore, it has been determined that there is no blockage of access to the transportation system or loss of mobility as a result of implementing the TIP projects.

Neglect of the transportation system in minority areas or otherwise reduce or delay the receipt of benefits to those areas

The GVMC MPO area is approximately 1,015.68 square miles. The Environmental Justice areas mapped are approximately 392.26 square miles, or 39 percent of the entire GVMC MPO area. The Environmental Justice analysis found that 66 percent of the TIP projects (76 projects out of 116 total TIP projects) are located within Environmental Justice Areas and 34 percent of the projects fall outside

Environmental Justice Areas (40 projects). Of the 76 projects that are located within Environmental Justice areas, 75 percent were road resurfacing, 17 percent were road reconstruction projects, and 8 percent were improve/expand widening projects.

Access to public transit by residents in Environmental Justice areas was also analyzed. The public transit (ITP-The Rapid) service area, which primarily comprises the Cities of Grand Rapids, Walker, Kentwood, Wyoming, Grandville and East Grand Rapids, covers 26 percent of the MPO EJ areas. None of the projects contained in the TIP restrict access of residents to public transit services (fixed route or demand response). Thus, it has been determined that there is no neglect, reduction, or delay in the receipt of transportation benefits by those residing in EJ areas.

Environmental Justice Notification

In addition to the regular Public Participation process, GVMC also distributed an Environmental Justice based mailing. Once the 76 projects in Environmental Justice areas were identified, staff was able to extract address information for the surrounding parcels using the geographic information software and data from Kent and Ottawa Counties. A letter explaining the proposed improvement, information about the May 18th TIP public meeting, and information about how and where to access more information or submit comments, was sent to every property owner for parcels immediately adjacent to a TIP project. (See Sample Environmental Justice Letter, figure 10.) In sum, 3,009 unique EJ letters were generated and mailed May 3, 2010.

These letters were instrumental in providing citizens in EJ Areas additional project-specific information. They also served as a catalyst for public participation in general.

Conclusion

The analyses of the impacts on residents in Environmental Justice areas as a result of implementing the projects contained in this TIP resulted in the following findings:

- No disproportionately high and adverse human health impacts
- No blockage/minimization of access to the transportation system or loss of mobility
- No neglect, reduction, or delay in the receipt of transportation benefits or restriction of access to public transit services

Within the 2011-2014 TIP, 92 percent of the projects within Environmental Justice areas were road resurfacing/reconstruction, and the MPO is investing the majority (66 percent) of our federal transportation dollars in projects in areas with higher than average numbers of minorities or people of low income status. This means that the benefits of increased federal investment in the road infrastructure are directed towards residents that are typically underserved, people of minority status, and those with low income levels. GVMC strives to reach out especially to those citizens in EJ Areas adjacent to TIP projects through direct mailings to assure a high level of engagement for minority and low-income groups.

Figure 10 EJ Letter



GRAND VALLEY METROPOLITAN COUNCIL

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May 3, 2010

Dear Property Owner:

The Grand Valley Metropolitan Council (GVMC), as the federally-designated transportation planning agency for the Grand Rapids Metropolitan Area, is sending you this notice as part of the short range transportation planning process. Part of that process involves compliance with Title VI of the 1964 Civil Rights Act and Executive Order 12898 "Federal Actions to Address Environmental Justice." These federal programs seek to serve traditionally under-served populations by including them in the decision-making process for programs that receive federal funds. Every four years, GVMC works with local cities, counties, the State of Michigan, and the Federal government to identify future transportation improvements in the area and when those improvements should be completed. As a result of this process, you are receiving notice of future transportation work that may take place in your area.

Proposed 2011 Project: **First St — Lane Ave to Stocking Ave**

Proposed Work: **Resurface roadway**

This project may be financed in part with federal transportation funds. Because federal funds could be used on this project, we are providing an opportunity for input from you. If you have any comments or input you would like to provide on the above project, please contact us at:

Grand Valley Metropolitan Council
678 Front Ave, NW, Suite 200
Grand Rapids, Michigan 49504
Attn: Darrell Robinson, Transportation Planner
Telephone: (616) 776-7609
Fax: (616) 774-9292
E-mail: robinsond@gvmc.org

Action on your part is not required. You are receiving this notice for information purposes only.

If you wish to comment and have that comment be included in the Fiscal Year 2011-2014 Transportation Improvement Program, you must submit your input by **June 1, 2010**. If you would rather speak to GVMC staff, a meeting to allow for comment on the above project will be held:

May 18, 2010 5:00 PM at the Grand Valley Metropolitan Council offices, address listed above.

If you have questions, comments or need more information, please use the contact information above.

Thank you and have a nice day.

Table 3 TIP projects flagged by the GVMC Environmental Justice analysis

TIP Projects Flagged for EJ Analysis

Agency	Funded/Unfunded	Street	Location
Local	Funded	1st Street	Lane to Stocking
Local	Funded	Ada Dr	Fox Hollow to Thornapple River
Local	Funded	Breton Ave	28th to Burton
Local	Funded	Bristol Ave	4 Mile to 3 Mile
Local	Funded	Cherry St	Market to Grandville
Local	Funded	Coit Ave	Kendalwood to North
Local	Funded	College Ave	Fountain to Fulton
Local	Funded	Eastern Ave	52nd to 60th
Local	Funded	Forest Hill Ave	I-96 to Burton
Local	Funded	Forest Hill Ave	I-96 to NCL
Local	Funded	Hall St	Eastern to Kalamazoo
Local	Funded	Hall St	Madison to Eastern
Local	Funded	Lafayette Ave	Wealthy to State
Local	Funded	Madison Ave	Wealthy to Cherry
Local	Funded	Monroe Ave	Ottawa to Leonard
Local	Funded	Plymouth Ave	Burton to Boston
Local	Funded	Sparta Ave	M-37 to 12 Mile
Local	Funded	West River Dr	Dr Rogue River to M-44
Local	Funded	17 Mile Rd	US-131 Ramps to West
Local	Funded	36th St	Division to Eastern
Local	Funded	54th St	Clyde Park to Division
Local	Funded	Bauer Rd	56th to 24th
Local	Funded	Burton St	Division to Eastern
Local	Funded	Burton St	Eastern to Plymouth
Local	Funded	Clyde Park Ave	28th to 54th
Local	Funded	Pettis Ave	Knapp to Egypt Valley
Local	Funded	Plainfield Ave	Leonard to Ann
Local	Funded	Rivertown Pkwy	Wilson to Canal
Local	Funded	Division Ave	28th to 36th
Local	Funded	Division Ave	44th to 54th
Local	Funded	Ivanrest Ave	NCL to 56th
Local	Funded	Knapp St	At Grand River Dr
Local	Funded	Kraft Ave	52nd to 60th
Local	Funded	Leonard St	Ball to Plymouth
Local	Funded	Leonard St	I-96WB Ramps to East Beltline
Local	Funded	Leonard St	Plymouth to Maryland
Local	Funded	Northland Dr	Indian Lake to South St
Local	Funded	28th St	Kraft to I-96 Ramps
Local	Funded	44th St	Stafford to Division
Local	Funded	4Mile Rd	Walker to Old Orchard
Local	Funded	Ann St	Alpine Ave to Voorheis
Local	Funded	Ball Creek Rd	Kent CL to Rusco
Local	Funded	Buchanan Ave	Alger to Burton
Local	Funded	Carlton Ave	Lake to Fulton
Local	Funded	Division Ave	54th to 60th
Local	Funded	East Paris Ave	44th St to Barden
Local	Funded	Lake Dr	East Beltline to ECL
Local	Funded	Lake Michigan Dr	Garfield to US-131
Local	Funded	Remembrance Rd	Leonard to Walker Village

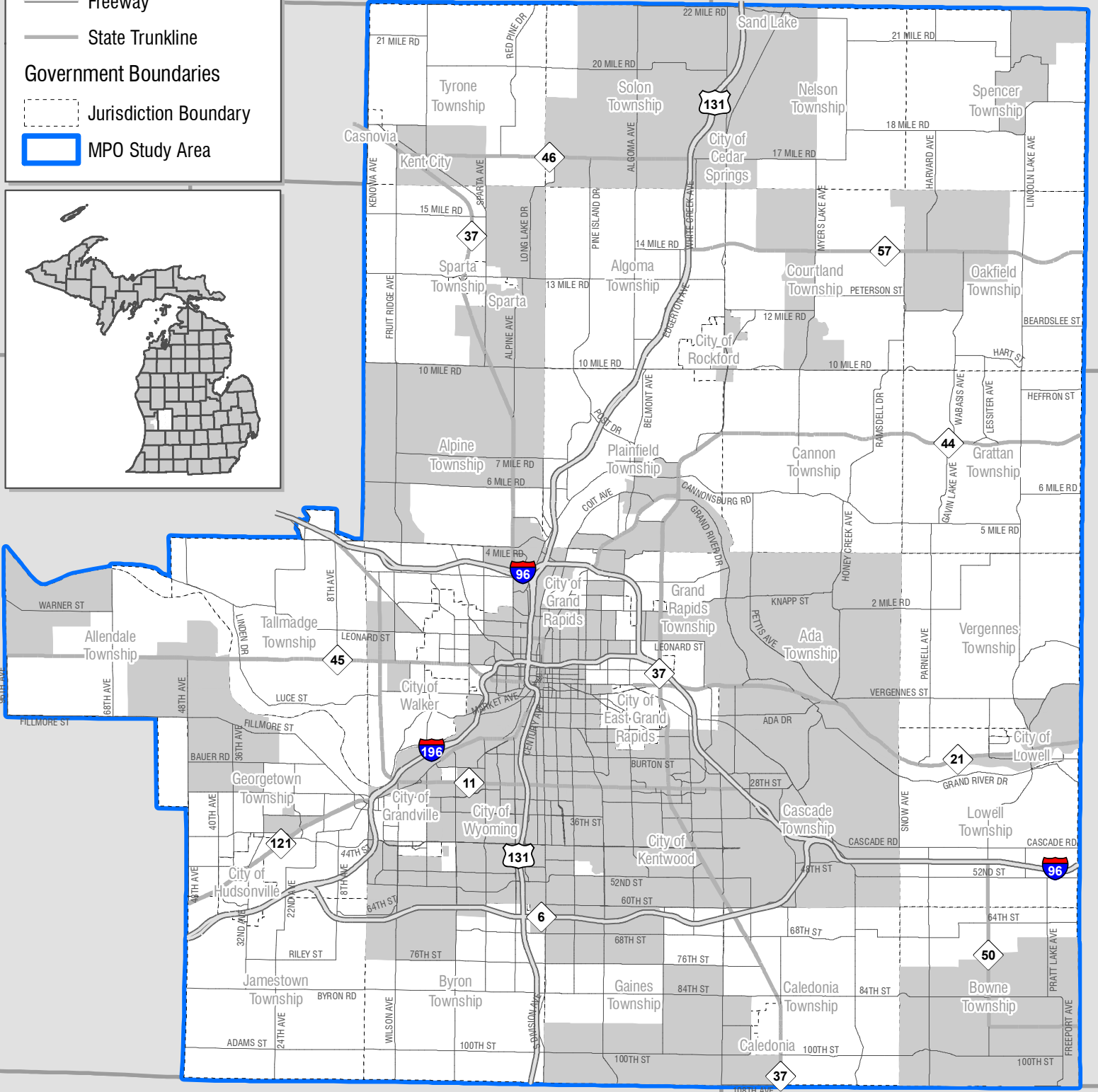
TIP Projects Flagged for EJ Analysis

Local	Funded	Richmond St	Alpine to Scribner
Local	Funded	Turner Ave	Ann to US-131 SB Ramps
Local	Funded	Wealthy St	US-131 to Division
MDOT	Funded	M-37	At Peach Ridge Ave NW
MDOT	Funded	US-131	Under Franklin, Burton, Hall
MDOT	Funded	M-11	At Clyde Park Ave
MDOT	Funded	M-11	At Ivanrest and Byron Center
MDOT	Funded	M-11	M-37 East to I-96 Gap Patterson
MDOT	Funded	US-131	I-196 North to Ann St
MDOT	Unfunded	I-96	Under Whitneyville
MDOT	Unfunded	US-131NB	Over 6th St
MDOT	Unfunded	US-131	NB/SB over CSX Railroad
MDOT	Unfunded	M-11	At Patterson Ave
MDOT	Unfunded	M-21	Grand River Dr to the Grand River
MDOT	Unfunded	M-44 CONN	I-96 to Airway St
MDOT	Unfunded	M-44 CONN	Airway St to M-44
MDOT	Unfunded	I-196	Under Fuller Ave
MDOT	Unfunded	US-131	Under 36th St
Local	Unfunded	32nd St	Division Ave to Eastern Ave
Local	Unfunded	36th St	Byron Center Ave to Burlingame Ave
Local	Unfunded	56th St	Ivanrest Ave to Byron Center Ave
Local	Unfunded	Franklin St	Fuller Ave to ECL
Local	Unfunded	Jefferson Ave	Highland St to Franklin St
Local	Unfunded	Lafayette Ave	Fulton St to Fountain St
Local	Unfunded	Oakes St	Division to Sheldon
Local	Unfunded	Plymouth Ave	I-196 to Leonard St
Local	Unfunded	Roger B Chaffee	32nd to 44th St

MAP 2 Map of EJ areas

Grand Rapids MPO Environmental Justice Areas

Identified EJ Areas
 Type of Street or Road
 Freeway
 State Trunkline
 Government Boundaries
 Jurisdiction Boundary
 MPO Study Area



Chapter V Air Quality Conformity

An air quality analysis was performed on the new 2011-2014 Transportation Improvement Program (TIP) in order to determine the impact of major transportation system improvements on vehicle emissions. The Federal Highway Administration (FHWA) and the United States Environmental Protection Agency (USEPA) require that the implementation of projects in the TIP do not result in mobile source emissions greater than the current emission budget assigned for the Grand Rapids Metropolitan Area in the State Implementation Plan (SIP).

The Grand Rapids metropolitan area was previously designated as a Maintenance Area for ozone under the one-hour rule. The new 8-hour designations administered by the USEPA have tied both Kent and Ottawa counties under the more lenient sub-part 1 “Basic” non-attainment classification. The new designation still requires careful monitoring of air quality in the region. Therefore, the TIP air quality conformity analysis examines changes in Volatile Organic Compounds (VOCs) and Oxides of Nitrogen (NO_x). The emission levels are then compared to numerical emission budgets developed by the state in the regional maintenance plan.

Air Quality Assessment Criteria

The Transportation Improvement Program satisfies the following conformity criteria and procedures set forth in the USEPA’s Transportation Conformity Rule:

1. The conformity demonstration was based on the latest planning assumptions.
2. The conformity demonstration was based on the latest emission model available.
3. The conformity demonstration was made according to the consultation procedures of the final conformity rule and the implementation plan revision.
4. The determination was made that the 2011-2014 TIP does not increase the frequency or severity of the existing violation of the National Ambient Air Quality Standards (NAAQS) for which the area is designated in non-attainment. Completing the components of the Transportation Improvement Program does not increase emissions over the emission budget.

Background

The following documentation describes the best practices available for the travel demand estimation and analysis in Kent and Ottawa Counties. The Grand Valley Metropolitan Council (GVMC), the Macatawa Area Coordinating Council (MACC), and the West Michigan Metropolitan Transportation Planning Program (WestPlan) Policy Committee have approved socioeconomic data for 2000, 2002, 2011, 2014, 2018, 2025

and 2035. This data is the basis for forecasting travel demand in the respective study areas, which in turn generates the inputs required for air quality conformity analysis. These inputs are the amount of travel expressed as Vehicle Miles of Travel (VMT) and average speed by National Functional Classification (NFC) or a combination of similar functional classified facilities grouped together to address the new Mobile 6.2 model input data structure. One of the latest travel demand forecasting technologies available, the TransCad model, has been used in all urban area travel demand forecasting efforts. However, an air quality conformity analysis must be performed on a county-wide basis, and the urban area travel demand forecast models cover all of Kent and a portion of Ottawa Counties.

The VMT and speed data generated by the TransCad model for the GVMC, MACC and WestPlan areas, and county-wide Highway Performance Monitoring System (HPMS) VMT figures provide the basis for the estimation of present and future VMT and speeds by NFC for the entire counties. The air quality conformity analysis performed for the 2035 LRTP and TIP includes the following assumptions:

- 1- Emission budget for VOC of 40.70 tons/day, based on Federal Register Vol. 72, No.94, May 16, 2007, Sec 52.1174
- 2- Emission budget for NOx of 97.87 tons/day, based on Federal Register Vol. 72, No. 94, May 16, 2007, Sec 52.1174
- 3- Projects are included in year 2007, 2011, 2018, 2025, or 2035 depending when they could be built and open to traffic
- 4- Include off-model credits from 1995-2000 approved CMAQ projects and Transit fleet turnover
- 5- No Inspection/Maintenance (I/M) Program

Modeling Procedures

GVMC has developed and calibrated the travel demand model (TransCad) which covers all of Kent and the eastern part of Ottawa Counties. The travel demand model uses the standard four-step transportation planning process.

- 1- Trip generation model
- 2- Trip distribution model
- 3- Mode choice model
- 4- Highway assignment model

The trip generation model uses a combination of local and QRS (NCHRP 187) trip generation rates. The trip generation variables used in the model are Dwelling units, Retail Employment, and Non-Retail Employment. The trip distribution model uses the standard model to estimate origin/destination tables. It also uses Friction Factors for trip attractiveness. The mode choice model is a single mode model. It uses vehicle occupancy rate to estimate vehicle trips on the network. Transit trips are estimated separately using different post processing methods. The trip assignment model uses

two different techniques, all-or-nothing and capacity restrained algorithms. The model was calibrated according to the strict calibration standards used by MDOT and suggested by FHWA. The model includes 783 traffic analysis zones and 11,644 roadway links. The network is coded to output information based on area type, facility type, number of lanes, speeds, national functional classification, capacity, street names, and vehicle assignment. The MACC and WestPlan have similar models which were developed and calibrated by the Michigan Department of Transportation (MDOT).

Model Data

The modeled VMT and speeds for the portions of each study area within Kent and Ottawa Counties are summarized in tables 4 and 5. The overall modeled speeds by NFC are determined by dividing total VMT by total VHT generated by the travel demand models. In some instances, where modeled speeds are unrealistic, speeds were adjusted to reflect real time speeds.

Table 4 Kent County Vehicle Miles of Travel & Speeds for Analysis Years

KENT COUNTY 2002 NFC	HPMS 2000 VMT	MODELED 2000 VMT	MODELED 2002 VMT	NORMALIZED 2002 VMT	2002 SPEED
Rural Interstate/Freeway	698,481	691,383	629,657	631,614	56.25
Rural Major & Minor	2,186,004	2,475,598	2,620,639	2,132,114	34.87
Arterial/Collector/Local Street					
Urban Interstate/Freeway	3,353,463	4,493,660	4,332,637	3,242,300	53.88
Urban Principal & Minor	7,863,924	8,723,593	9,839,788	8,957,407	30.44
Arterial/Collector/Local Street					
TOTALS	14,101,872	16,384,234	17,422,721	14,963,436	

KENT COUNTY 2011 NFC	HPMS 2000 VMT	MODELED 2000 VMT	MODELED 2011 VMT	NORMALIZED 2011 VMT	2011 SPEED
Rural Interstate/Freeway	698,481	691,383	562,727	564,178	55.05
Rural Major & Minor	2,186,004	2,475,598	2,759,104	2,379,997	33.79
Arterial/Collector/Local Street					
Urban Interstate/Freeway	3,353,463	4,493,660	3,491,036	2,638,220	49.57
Urban Principal & Minor	7,863,924	8,723,593	10,473,726	10,538,759	31.27
Arterial/Collector/Local Street					
TOTALS	14,101,872	16,384,234	17,286,593	16,121,154	

KENT COUNTY 2014 NFC	HPMS 2000 VMT	MODELED 2000 VMT	MODELED 2014 VMT	NORMALIZED 2014 VMT	2014 SPEED
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Rural Interstate/Freeway	698,481	691,383	563,358	564,850	54.58
Rural Major & Minor	2,186,004	2,475,598	2,801,344	2,437,769	33.64
Arterial/Collector/Local Street					
Urban Interstate/Freeway	3,353,463	4,493,660	3,501,037	2,649,888	50.45
Urban Principal & Minor	7,863,924	8,723,593	10,657,108	10,751,780	30.50
Arterial/Collector/Local Street					
TOTALS	14,101,872	16,384,234	17,522,847	16,404,287	

KENT COUNTY	HPMS	MODELED	MODELED	NORMALIZED	2018
2018	2000 VMT	2000 VMT	2018 VMT	2018 VMT	SPEED
NFC					
Rural Interstate/Freeway	698,481	691,383	564,161	565,522	54.50
Rural Major & Minor	2,186,004	2,475,598	2,889,563	2,570,789	33.40
Arterial/Collector/Local Street					
Urban Interstate/Freeway	3,353,463	4,493,660	3,543,336	2,679,988	50.37
Urban Principal & Minor	7,863,924	8,723,593	10,934,812	11,127,035	30.04
Arterial/Collector/Local Street					
TOTALS	14,101,872	16,384,234	17,931,872	16,943,333	

KENT COUNTY	HPMS	MODELED	MODELED	NORMALIZED	2025
2025	2000 VMT	2000 VMT	2025 VMT	2025 VMT	SPEED
NFC					
Rural Interstate/Freeway	698,481	691,383	594,537	595,279	54.50
Rural Major & Minor	2,186,004	2,475,598	3,181,264	2,724,411	33.15
Arterial/Collector/Local Street					
Urban Interstate/Freeway	3,353,463	4,493,660	3,787,634	2,863,645	50.50
Urban Principal & Minor	7,863,924	8,723,593	11,980,209	12,246,640	29.76
Arterial/Collector/Local Street					
TOTALS	14,101,872	16,384,234	19,543,644	18,429,975	

KENT COUNTY	HPMS	MODELED	MODELED	NORMALIZED	2035
2035	2000 VMT	2000 VMT	2035 VMT	2035 VMT	SPEED
NFC					
Rural Interstate/Freeway	698,481	691,383	635,899	641,601	54.25
Rural Major & Minor	2,186,004	2,475,598	3,490,597	2,970,510	32.96
Arterial/Collector/Local Street					
Urban Interstate/Freeway	3,353,463	4,493,660	4,171,906	3,147,560	50.30
Urban Principal & Minor	7,863,924	8,723,593	13,043,678	13,495,073	29.43
Arterial/Collector/Local Street					
TOTALS	14,101,872	16,384,234	21,342,080	20,254,744	

Table 5 Ottawa County Vehicle Miles of Travel & Speeds for Analysis Years

OTTAWA COUNTY 2002 NFC	HPMS 2000 VMT	MODELED 2000 VMT	MODELED 2002 VMT	NORMALIZED 2002 VMT	2002 SPEED
Rural Interstate/Freeway	1,172,996	1,229,887	1,278,555	1,211,502	64.95
Rural Major & Minor	948,229	1,289,548	1,326,211	994,959	48.35
Arterial/Collector/Local Street					
Urban Interstate/Freeway	376,165	485,525	488,822	351,306	59.95
Urban Principal & Minor	2,640,317	2,964,743	3,020,128	2,814,935	34.90
Arterial/Collector/Local Street					
TOTALS	5,137,707	5,969,703	6,113,716	5,372,702	

OTTAWA COUNTY 2011 NFC	HPMS 2000 VMT	MODELED 2000 VMT	MODELED 2011 VMT	NORMALIZED 2011 VMT	2011 SPEED
Rural Interstate/Freeway	1,172,996	1,229,887	1,400,226	1,335,403	65.55
Rural Major & Minor	948,229	1,289,548	1,417,867	1,037,152	47.98
Arterial/Collector/Local Street					
Urban Interstate/Freeway	376,165	485,525	497,065	397,099	62.47
Urban Principal & Minor	2,640,317	2,964,743	3,158,587	2,786,262	33.88
Arterial/Collector/Local Street					
TOTALS	5,137,707	5,969,703	6,473,745	5,555,916	

OTTAWA COUNTY 2014 NFC	HPMS 2000 VMT	MODELED 2000 VMT	MODELED 2014 VMT	NORMALIZED 2014 VMT	2014 SPEED
Rural Interstate/Freeway	1,172,996	1,229,887	1,507,868	1,437,970	65.50
Rural Major & Minor	948,229	1,289,548	1,536,932	1,126,225	50.20
Arterial/Collector/Local Street					
Urban Interstate/Freeway	376,165	485,525	510,216	408,187	61.10
Urban Principal & Minor	2,640,317	2,964,743	3,357,000	2,958,835	34.63
Arterial/Collector/Local Street					
TOTALS	5,137,707	5,969,703	6,912,016	5,931,217	

OTTAWA COUNTY 2018 NFC	HPMS 2000 VMT	MODELED 2000 VMT	MODELED 2018 VMT	NORMALIZED 2018 VMT	2018 SPEED
Rural Interstate/Freeway	1,172,996	1,229,887	1,678,684	1,599,873	64.50
Rural Major & Minor	948,229	1,289,548	1,620,289	1,188,148	46.82
Arterial/Collector/Local Street					
Urban Interstate/Freeway	376,165	485,525	517,081	413,834	62.20
Urban Principal & Minor	2,640,317	2,964,743	3,390,022	2,993,972	33.06
Arterial/Collector/Local Street					

TOTALS	5,137,707	5,969,703	7,206,076	6,195,827	
OTTAWA COUNTY	HPMS	MODELED	MODELED	NORMALIZED	2025
2025	2000 VMT	2000 VMT	2025 VMT	2025 VMT	SPEED
NFC					
Rural Interstate/Freeway	1,172,996	1,229,887	1,790,410	1,706,310	63.40
Rural Major & Minor	948,229	1,289,548	1,772,097	1,298,076	45.87
Arterial/Collector/Local Street					
Urban Interstate/Freeway	376,165	485,525	544,744	435,689	62.10
Urban Principal & Minor	2,640,317	2,964,743	3,655,218	3,222,122	32.26
Arterial/Collector/Local Street					
TOTALS	5,137,707	5,969,703	7,762,469	6,662,197	
OTTAWA COUNTY	HPMS	MODELED	MODELED	NORMALIZED	2035
2035	2000 VMT	2000 VMT	2035 VMT	2035 VMT	SPEED
NFC					
Rural Interstate/Freeway	1,172,996	1,229,887	1,937,798	1,846,904	63.00
Rural Major & Minor	948,229	1,289,548	1,989,024	1,458,472	44.48
Arterial/Collector/Local Street					
Urban Interstate/Freeway	376,165	485,525	577,892	462,059	60.79
Urban Principal & Minor	2,640,317	2,964,743	3,989,154	3,508,275	31.02
Arterial/Collector/Local Street					
TOTALS	5,137,707	5,969,703	8,493,868	7,275,710	

Highway Performance Monitoring System (HPMS) Data

HPMS data provides estimates of 2000 VMT for all of Kent and Ottawa counties, stratified by NFC. Between 1990 and 2000, the NFC coding used to tabulate HPMS data changed due to the expanding urban boundaries of the urbanized areas. The model is based in 2000 and the 8-hour budget is based on the 2000 base model. The 2000 HPMS VMT distribution was normalized to 2002, 2011, 2014, 2018, 2025, and 2035 distribution among the functional classes. Thus, the 2000 total HPMS VMT remained the same while the distribution changed to reflect what it would have been had the 2000 NFC coding been identical in the model.

The Environmental Protection Agency (EPA) and the United States Department of Transportation (USDOT) have both endorsed HPMS as the appropriate source of VMT estimates. HPMS is the FHWA's annual program to collect roadway data in all 50 states to assess the condition of the highway system in terms of traffic congestion, accessibility and pavement condition. The FHWA requires counts to determine the area-wide VMT for all urban areas. MDOT supplements the counts outside the

urbanized area with additional counts in small cities, rural areas, and especially in rural areas of counties with nonattainment status. These supplemental counts follow the same random selection procedures as those inside the urban areas.

The HPMS data used is from MDOT's Universe file and is stratified by NFC. MDOT is currently undertaking a data improvement process to update the HPMS universe, non-sample traffic data. Shown in Tables 4 and 5 are the original 2000 HPMS VMT estimates for Kent and Ottawa Counties.

Methodology to Scale Total Model VMT to HPMS VMT

The base year modeled VMT from the GVMC, WestPlan and MACC models are combined and compared to the 2000 HPMS VMT for each functional class. The HPMS data by NFC by county for the base year (calibrated year) of the travel demand models is obtained from MDOT. The VMT by NFC from the urban models base year and the VMT from the statewide model are added together to generate a "county-wide" travel demand model VMT by NFC for the base year. Then, the base year HPMS VMT by NFC is divided by the base year "county-wide" travel demand model VMT for corresponding NFC. These divisions produce ratios, proportions or "factors" for each NFC. For each conformity analysis year, these factors are multiplied to each travel demand model's VMT to produce a scaled VMT by NFC. For each year, the scaled travel demand model's VMT by NFC are aggregated to a "county-wide" total. Thus, the VMT is aggregated so each NFC has a county-wide total. Then the scaled VMT by NFC are collapsed into four groups to meet the requirements of MOBILE 6.2. These groups are: 1) rural interstate, 2) rural major & minor arterials/collectors/local streets, 3) urban interstate/freeway, and 4) urban principal & minor arterials/collectors/ local streets. This is done for all interim and future analysis years. To get scaled VHT (Vehicle Hours of Travel) the factors developed above are applied to each travel demand model's VHT by NFC. The process follows the same steps and arrives at VHT by NFC collapsed into four groups. Next, to arrive at a speed, each individual group VMT is divided by the corresponding VHT. Thus, achieving the variables needed to express demand for travel within a county, VMT and speed, as required for input into MOBILE 6.2.

The speeds on un-modeled rural links are assumed to be the same as the speeds on modeled rural links. In addition, these speeds in rural Ottawa County are assumed to be constant over time, as substantial excess capacity generally exists on rural roads.

Conformity Analysis

GVMC staff combined Mobile 6.2 output for each VOC and NO_x to get a total for each compound for the maintenance area. The conformity is performed using the MOBILE 6.2 program. MOBILE 6.2 is a computer program that estimates volatile organic compounds (VOC), carbon monoxide (CO), and oxides of nitrogen (NO_x) emission factors for gasoline-fueled and diesel highway motor vehicles. The model was developed by the United States Environmental Protection Agency (USEPA). MOBILE

6.2 calculates emission factors for eight individual vehicle types in two regions of the country. MOBILE 6.2 emission factor estimates depend on various conditions such as ambient temperatures, average travel speed, operating modes, fuel volatility and mileage accrual rates. Many of the variables affecting vehicle emissions can be specified by the user. The analyses cover 2002, 2011, 2014, 2018, 2025 and 2035. The analysis is based on comparing the total emissions from the Long Range Transportation Plan and the Transportation Improvement Program projects to the official emission budget in the SIP and a calculated budget by Mobile 6.2, and the analysis does not include an I/M Program. Tables 6 and 9 reflect the emissions of VOC and NOx with the implementation of projects included in the Long Range Transportation Plan and the Transportation Improvement Program.

Table 6 Kent County Year 2002, 2011, 2014, 2018, 2025 & 2035 VOC & NOX Emissions

Functional Classification	Budget Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2002	1,001.01	1,959.28
Rural Major & Minor Arterial/Collector/Local Street	2002	3,816.35	5,037.03
Urban Interstate/Freeway	2002	5,242.48	9,933.93
Urban Principal & Minor Arterial/Collector/Local Street	2002	16,856.48	21,387.17
TOTALS		26,916.32	38,317.41

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2011	405.63	722.92
Rural Major & Minor Arterial/Collector/Local Street	2011	1,937.78	2,492.76
Urban Interstate/Freeway	2011	1,954.54	3,210.34
Urban Principal & Minor Arterial/Collector/Local Street	2011	8,809.70	11,107.28
TOTALS		13,107.65	17,533.29

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2014	327.93	512.96
Rural Major & Minor Arterial/Collector/Local Street	2014	1,593.98	1,851.57
Urban Interstate/Freeway	2014	1,571.76	2,336.70
Urban Principal & Minor Arterial/Collector/Local Street	2014	7,255.34	8,231.64
TOTALS		10,749.01	12,932.87

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2018	265.37	348.91
Rural Major & Minor Arterial/Collector/Local Street	2018	1,364.20	1,362.84
Urban Interstate/Freeway	2018	1,284.84	1,614.01
Urban Principal & Minor Arterial/Collector/Local Street	2018	6,122.80	5,957.64

TOTALS		9,037.20	9,283.40
Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2025	212.68	247.63
Rural Major & Minor Arterial/Collector/Local Street	2025	1,119.29	1,015.87
Urban Interstate/Freeway	2025	1,047.04	1,174.85
Urban Principal & Minor Arterial/Collector/Local Street	2025	5,240.81	4,623.84
TOTALS		7,619.83	7,062.20

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2035	220.76	218.53
Rural Major & Minor Arterial/Collector/Local Street	2035	1,179.93	932.19
Urban Interstate/Freeway	2035	1,108.80	1,063.63
Urban Principal & Minor Arterial/Collector/Local Street	2035	5,601.11	4,304.48
TOTALS		8,110.60	6,518.83

Table 7 Ottawa County Year 2002, 2007, 2011, 2018, 2025 & 2035 VOC & NOX Emissions

Functional Classification	Budget Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2002	1,869.78	4,370.10
Rural Major & Minor Arterial/Collector/Local Street	2002	1,635.99	2,546.08
Urban Interstate/Freeway	2002	556.48	1,215.19
Urban Principal & Minor Arterial/Collector/Local Street	2002	5,038.56	6,650.16
TOTALS		9,100.82	14,781.53

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2011	932.26	2,064.27
Rural Major & Minor Arterial/Collector/Local Street	2011	771.64	1,174.35
Urban Interstate/Freeway	2011	282.29	599.77
Urban Principal & Minor Arterial/Collector/Local Street	2011	2,266.43	2,917.62
TOTALS		4,252.62	6,756.00

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2014	812.81	1,561.21
Rural Major & Minor Arterial/Collector/Local Street	2014	666.40	936.80
Urban Interstate/Freeway	2014	234.59	433.94
Urban Principal & Minor Arterial/Collector/Local Street	2014	1,917.08	2,242.17
TOTALS		3,630.880	5,174.112

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2014	812.81	1,561.21
Rural Major & Minor Arterial/Collector/Local Street	2014	666.40	936.80
Urban Interstate/Freeway	2014	234.59	433.94
Urban Principal & Minor Arterial/Collector/Local Street	2014	1,917.08	2,242.17
TOTALS		3,630.880	5,174.112

Classification	Year	Kg/Day	Kg/Day
Rural Interstate/Freeway	2018	732.89	1,150.23
Rural Major & Minor Arterial/Collector/Local Street	2018	577.50	665.34
Urban Interstate/Freeway	2018	192.54	294.82
Urban Principal & Minor Arterial/Collector/Local Street	2018	1,593.48	1,588.50
TOTALS		3,096.42	3,698.90

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2025	596.26	787.48
Rural Major & Minor Arterial/Collector/Local Street	2025	484.60	502.84
Urban Interstate/Freeway	2025	154.59	203.15
Urban Principal & Minor Arterial/Collector/Local Street	2025	1,337.28	1,204.92
TOTALS		2,572.73	2,698.39

Functional Classification	Year	VOC Kg/Day	Nox Kg/Day
Rural Interstate/Freeway	2035	621.25	678.95
Rural Major & Minor Arterial/Collector/Local Street	2035	529.02	468.97
Urban Interstate/Freeway	2035	157.73	172.37
Urban Principal & Minor Arterial/Collector/Local Street	2035	1,427.08	1,109.41
TOTALS		2,735.08	2,429.69

Table 8 Conformity Analysis Total Results Tons/Day

Model Year	Total VOC	Total NOx	VOC	NOx	Adjusted VOC	Adjusted NOx	VOC	Nox
	Before Credit	Before Credit	Credits	Credits			Emission Budget	Emission Budget
	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day	Tons/Day
2002 W/O IM	39.703	58.533	-0.19	-0.17	39.52	58.36	40.7	97.87
2011 W/O IM	19.116	26.767	-0.19	-0.17	18.95	26.60	40.7	97.87
2014 W/O IM	15.851	19.960	-0.19	-0.17	15.66	19.79	40.7	97.87
2018 W/O IM	13.375	14.311	-0.19	-0.17	13.19	14.14	40.7	97.87
2025 W/O IM	11.236	10.759	-0.19	-0.17	11.05	10.59	40.7	97.87
2035 W/O IM	11.956	9.864	-0.19	-0.17	11.77	9.69	40.7	97.87

Table 9 Conformity Analysis Total Results Kgs/Day

Model Year	Total VOC	Total NOx	VOC	NOx	Adjusted VOC Kg/Day	Adjusted NOx Kg/Day	VOC	Nox
	Before Credit Kg/Day	Before Credit Kg/Day	Credits Kg/Day	Credits Kg/Day			Emission Budget Kg/Day	Emission Budget Kg/Day
2002 W/O IM	36,017.133	53,098.942	-168.73	-154.22	35,852.53	52,942.66	36,921.57	88,784.14
2011 W/O IM	17,341.355	24,281.984	-168.73	-154.22	17,191.54	24,135.08	36,921.57	88,784.14
2014 W/O IM	14,379.891	18,106.980	-168.73	-154.22	14,211.16	17,952.76	36,921.57	88,784.14
2018 W/O IM	12,133.618	12,982.306	-168.73	-154.22	11,964.89	12,828.09	36,921.57	88,784.14
2025 W/O IM	10,192.554	9,760.589	-168.73	-154.22	10,023.82	9,606.37	36,921.57	88,784.14
2035 W/O IM	10,845.678	8,948.524	-168.73	-154.22	10,676.95	8,794.30	36,921.57	88,784.14

Conclusion

Tables 6 thru 9 clearly indicate that implementing the 2011-14 TIP projects will result in lower emissions than the emission budgets approved by the EPA as listed in the Federal Register for each of the milestone years. Consequently, the Grand Valley Metropolitan Council, West Michigan Metropolitan Transportation Planning Program (WestPlan), and the Macatawa Area Coordinating Council’s 2035 LRTPs and 2011-2014 TIPs comply with the transportation plan and TIP conformity criteria contained in the USDOT/USEPA Conformity Guidance, and therefore meet the requirement of the CAAA and SAFETEA-LU provisions.

Chapter VI Project Selection

In an effort to clearly define and document the process by which projects are programmed into the TIP, staff at the GVMC outlined before the TPSG Committee the three processes (local jurisdictions, MDOT and ITP) by which a project evolves from the preliminary stages to being programmed into a TIP (see appendices E, F, H, I & J). From this effort, the TPSG, Technical and Policy Committees have met on several occasions (and continue to work on this document) to develop one document to be used as a guide for programming projects by all entities. This guide named “Policies for Programming Projects” lays out procedures that conform to the revised planning process and attempts to unify the three processes into one. This document also employs a guide for programming projects that lead to relieving roadway congestion deficiencies, pavement condition deficiencies, improving transit, and developing improved non-motorized facilities in the area (see appendix K).

Staff applied these policies/practices to information gleaned from the Congestion Management (CMS) and Pavement Management (PaMS) Systems (see appendix F). This effort produced a list of facilities in need of either congestion relief or pavement condition improvements. Staffs from each local jurisdiction were then asked to develop a list of projects from this list that could be implemented by the year 2011. These potential projects were collected by staff and a “pool” of projects was developed.

The final step in the development of the TIP list of projects involved the MPO members prioritizing a financially constrained project list as required by federal regulations. In February 2010, the TPSG met and selected projects from the “TIP Pool of Projects.” The TIP project selection process included factors such as regional equity, deficiency (condition, safety or capacity), air quality improvement and connectivity. Using this approach, it can be assured that all of the projects programmed in the FY2011-2014 TIP will improve an identified transportation system deficiency. The result of that programming effort is reflected in the proposed FY2011-2014 Projects List. The list comprises all of the projects recommended and approved (Local, ITP and MDOT) by the TPSG, Technical and Policy Committees for inclusion in the FY2011-2014 Transportation Improvement Program.

As part of the finalization of the TIP development process (FY2011 – 2014 TIP), an air quality analysis is performed on the TIP in order to determine the impact of major transportation system improvements on vehicle emissions. The Federal Highway Administration and the Environmental Protection Agency require that the implementation of projects in the TIP and the LRTP does not result in mobile source emissions greater than the current emission budget assigned for the Grand Rapids Metro Area in the State Implementation Plan (SIP). Chapter V describes the analysis that was done, along with tables showing the results of the analysis.

Federal regulations require the TIP to be financially constrained by fiscal year. The STIP

must demonstrate that there is enough money available each year to fund projects listed in the TIP for the year. The purpose of Table 1 is to demonstrate financial constraint. The table compares estimated revenues and expenditures by funding source and indicates how much revenue total it is estimated will be available each year from federal state and local sources.

In regards to Environmental Justice, GVMC, after consultation with MDOT and the Federal Highway Administration (FHWA) officials, has chosen to address environmental justice by identifying ethnicity, low income, and those areas with concentrations of traditionally underserved populations. Chapter IV further explains how staff accomplished the task of Environmental Justice analysis.

Project Listings

This section lists all federal, state and locally funded projects planned for fiscal years 2011 through 2014 in the Grand Rapids Metropolitan Area. This list identifies all multi-modal transportation investments in the metropolitan area, including transit, highway and bicycle projects. The projects are listed by year and then by jurisdiction. Following the project listings section is a map (see map 3) with local and MDOT projects geographically placed on the map within the MPO area. Being that the Transit projects are capital improvement type projects, they were not graphically illustrated. A list of acronyms for funding categories is available in the Appendix.

This four-year program has been updated every two to three years as required by SAFETEA-LU and can be amended by majority vote from the GVMC TPSG, Technical and Policy Committees.

After the 2009 project status, also included is an Illustrative list of projects that were nominated to receive funding through either STP-Urban or EDF-C that was not programmed because there was a lack of funding resources to program the projects in this current TIP. These projects will remain on these lists until: 1.) more funding becomes available in a particular year, 2.) a currently programmed project drops completely out of the TIP, 3.) the development of the next TIP (FY2014 – FY2017), where these projects could be programmed, or 4.) the maintenance jurisdiction chooses to build the project with local funds.

FY 2011-2014 Projects

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Required Fields																							Optional Fields									
Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Phase Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Action Date	Amendment Type	Air Quality	Comments	Total Project Cost (\$1000s)	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date		
2011	KENT	City of Grand Rapids	Hall Street	From Kalamazoo Avenue to Eastern Ave, Grand Rapids	0.206	Resurface	Rotomill/resurface	CON		134	STU			56	CITY	190	106404		08/05/10		Exempt	1511 Certification 4/13/09. 45/55	293									
2011	KENT	City of Grand Rapids	Plymouth Avenue	Burton Street to Boston Street	0.5	Reconstruct	Reconstruction	CON		999	STU			421	CITY	1,420	104927		08/05/10		Exempt	44/56	2,249									
2011	KENT	City of Grand Rapids	Lafayette Avenue	Wealthy Street to State Street	0.33	Reconstruct	Reconstruction	CON		655	STU			275	CITY	930	104928		08/05/10		Exempt	33/67	1,955									
2011	KENT	City of Grand Rapids	Breton Avenue	28th to Burton	1.00	Resurface	Resurface	CON		623	STU			262	CITY	885			08/05/10		Exempt	54/46	1,148									
2011	KENT	City of Grand Rapids	Cherry Street	Market to Grandville	0.12	Resurface	Resurface	CON		70	STU			30	CITY	100			08/05/10		Exempt	54/46	130									
2011	KENT	City of Grand Rapids	College Avenue	Fountain to Fulton	0.16	Resurface	Resurface	CON		99	STU			41	CITY	140			08/05/10		Exempt	53/47	184									
2011	KENT	City of Grand Rapids	Hall Street	Madison to Eastern	0.50	Resurface	Resurface	CON		236	STU			99	CITY	335			08/05/10		Exempt	40/60	686									
2011	KENT	City of Grand Rapids	Madison Avenue	Wealthy to Cherry	0.20	Resurface	Resurface	CON		162	STU			68	CITY	230			08/05/10		Exempt	54/46	297									
2011	KENT	City of Grand Rapids	Monroe Avenue	Ottawa to Leonard	0.25	Resurface	Resurface	CON		102	STU			43	CITY	145			08/05/10		Exempt	54/46	187									
2011	KENT	City of Grand Rapids	Coit Avenue	Kendalwood to North Park St.	0.17	Resurface	Rotomill/resurface	CON		77	STU			33	CITY	110			08/05/10		Exempt	20/80	392									
2011	KENT	City of Grand Rapids	1st Street	Lane to Stocking	0.234	Resurface	Rotomill/Resurface	CON		70	STU			30	CITY	100	104918		08/05/10		Exempt	54/46	130									
2011	KENT	City of Grand Rapids	Market Avenue SW	Alger Street and Market Avenue		Traffic ops/safety	Guardrail upgrades	CON		38	STH			9	CITY	47	108825		08/05/10		Exempt	Add 10	52									
2011	KENT	City of Kentwood	Eastern Avenue	52nd Street to 60th Street	1.00	Resurface	Mill and resurface	CON	ACC	455	STU					455	100864		08/05/10		Exempt	AC FY2008	455									
2011	KENT	City of Kentwood	Forest Hill Avenue	I-96 to Burton Street	0.54	Reconstruct	Reconstruct and add turn lanes and curb and gutter	CON	AC					1,300	CITY	1,300			08/05/10		Exempt	ACC FY2013										
2011	KENT	City of Kentwood	Forest Hill Avenue	I-96 to North City Limit	0.92	Reconstruct	Reconstruct and add turn lanes and curb and gutter	CON	AC					2,100	CITY	2,100			08/05/10		Exempt	ACC FY2013 and FY2014										
2011	KENT	City of Walker	Bristol Avenue	Four Mile south to Three Mile	0.98	Resurface	Resurface	CON		246	STU			104	CNTY	350	104929		08/05/10		Exempt	Add 20	420									
2011	KENT	GVMC	Planning Studies	Pavement Management Sys		Studies	Pavement Management Sys	EPE		140	STU			35	OLF	175			08/05/10		Exempt											
2011	KENT	GVMC	Planning Studies	Congestion Management Sys		Studies	Congestion Management Sys	EPE		80	STU			20	OLF	100			08/05/10		Exempt											
2011	KENT	GVMC	Planning Studies	GIS Maintenance		Studies	GIS Maintenance	EPE		30	STU			8	OLF	38			08/05/10		Exempt											
2011	KENT	Hope Network, Inc.	Hope Network	Kent County - Hope Network		Transit vehicle additions/replacements	Purchase high top van	T-Cap		32	ST			8	TRAL	40	104932		08/05/10		Exempt	Rural	65									
2011	KENT	ITP	Replacement Vehicles	Regionwide		Transit vehicle additions/replacements	Paratransit Vehicles (6)	T-Cap		392	5307	98	CTF			491			08/05/10		Exempt											
2011	KENT	ITP	Expand Vehicles	Regionwide		Transit vehicle additions/replacements	Paratransit Vehicles (3)	T-Cap		131	5307	33	CTF			164			08/05/10		Exempt											
2011	KENT	ITP	Cap. Mainten.	Regionwide		Transit facility	Associated Capital Maintenance Items	T-Cap		570	5307	142	CTF			712			08/05/10		Exempt											
2011	KENT	ITP	Prev. Mainten.	Regionwide		Miscellaneous	Preventive Maintenance	T-Cap		1,300	5307	325	CTF			1,625			08/05/10		Exempt											
2011	KENT	ITP	Bus Tire Lease	Regionwide		Transit facility	Bus Tire Lease	T-Cap		180	5307	45	CTF			225			08/05/10		Exempt											
2011	KENT	ITP	A & E	Regionwide		Transit facility	Architecture and Engineering	T-Cap		40	5307	10	CTF			50			08/05/10		Exempt											

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Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Phase Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Action Date	Amendment Type	Air Quality	Comments	Total Project Cost (\$1000s)	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date	
2011	KENT	MDOT	US-131	at Post Road NE Quadrant		Roadside facility	Resurface	CON		22	ST	5	M			27	102914		08/05/10		Exempt		27								
2011	KENT	MDOT	US-131	under Franklin, Burton and Hall Streets		Bridge replacement	Partial and Full Deck Replace	CON		3,041	NH	590	M	84	CITY	3,715	87155		08/05/10		Exempt		4,148								
2011	KENT	MDOT	I-96	under M-50		Bridge replacement	Bridge Replacement	PE		49	IM	5	M			55	106793		08/05/10		Exempt		4,327								
2011	KENT	MDOT	I-96	under M-50		Bridge replacement	Bridge Replacement	SUB		138	IM	15	M			153	106793		08/05/10		Exempt		4,327								
2011	KENT	MDOT	M-11	M-37 East to I-96 (Gap Patterson Ave)	2.335	Restore & rehabilitate	Mill, Jnts, Rsrfr, Conc Recon	ROW		41	NH	9	M			50	105714		08/05/10		Exempt		8,564								
2011	KENT	MDOT	Highway Safety Trunkline GPA	Regionwide		GPA	Highway Safety Trunkline	CON		84	ST	9	M			93			08/05/10		Exempt										
2011	OTTAWA	OCRC	8th Avenue	Port Sheldon Street to 44th Street	0.54	Reconstruct	Reconstruct and add center turn lane	CON		405	STU			170	CNTY	575	104933		08/05/10		Non-exempt	60/40	675								
2011	OTTAWA	OCRC	12th Avenue	Port Sheldon Street to Baldwin Street	1.28	Resurface	Resurface	CON		253	STU			107	CNTY	360	104931		08/05/10		Exempt	68/32	375								
2011	OTTAWA	OCRC	24th Avenue	Byron Road to Ottogan Street	3.005	Resurface	Resurface	CON		362	STU			153	CNTY	515	104926		08/05/10		Exempt	46/54	788								
2011	OTTAWA	OCRC	Taylor Street	96th Avenue to 72nd Avenue	3.1	Resurface	Resurface to 12' lane width (24' total)	CON		320	ST			655	CNTY	975			08/05/10		Exempt	Rural, Ottawa County. 33/67	975								
2012	KENT	City of Grand Rapids	Burton Street	Division Avenue to Eastern Avenue	0.95	Resurface	Resurface	CON		562	STU			268	CITY	830			08/05/10		Exempt	52/48	1,072								
2012	KENT	City of Grand Rapids	Burton Street	Eastern Avenue to Plymouth Avenue	1.22	Resurface	Resurface	CON		727	STU			348	CITY	1,075			08/05/10		Exempt	40/60	1,797								
2012	KENT	City of Grand Rapids	Plainfield Avenue	3 Mile Road to I-96	0.6	Resurface	Resurface	CON		541	STU			259	CITY	800			08/05/10		Exempt	41/59	1,306								
2012	KENT	City of Grand Rapids	Plainfield Avenue	Leonard Street to Ann Street	0.85	Resurface	Resurface	CON		491	STU			234	CITY	725			08/05/10		Exempt	52/48	936								
2012	KENT	City of Grand Rapids	Burton Street SW	At Conrail Railroad, City of Grand Rapids		Bridge restore & rehabilitate	Bridge Rehab	CON		2,269	BHT	425	M	142	CITY	2,836	105308		08/05/10		Exempt		2,836								
2012	KENT	City of Grandville	Rivertown Pkwy.	Wilson Avenue to Canal Avenue	0.44	Resurface	Resurface	CON		406	STU			194	CITY	600			08/05/10		Exempt	62/38	660								
2012	KENT	City of Wyoming	36th Street	Division Avenue to Eastern Avenue	1	Resurface	Resurface	CON		480	STU			230	CITY	710			08/05/10		Exempt	Add 40	994								
2012	KENT	City of Wyoming	54th Street	Clyde Park Avenue to Division Avenue	1	Resurface	Resurface	CON		528	STU			252	CITY	780			08/05/10		Exempt	Add 40	1,092								
2012	KENT	City of Wyoming	Clyde Park Avenue	28th Street (M-11) to 54th Street	3.25	Resurface	Resurface	CON		1,286	STU			614	CITY	1,900			08/05/10		Exempt	Add 40	2,660								
2012	KENT	GVMC	Planning Studies	Areawide		Studies		EPE		250	STU			63	OLF	313			08/05/10		Exempt										
2012	KENT	Hope Network, Inc.	Cutaway small bus	Rural Area		Transit vehicle additions/replacements	Purchase small cutaway bus	T-Cap		54	ST	14	CTF			68			08/05/10		Exempt	Rural									
2012	KENT	ITP	Paratransit Van	Rural Area		Transit vehicle additions/replacements	Purchase Paratransit Van	T-Cap		69	ST	17	CTF			86			08/05/10		Exempt	Rural									
2012	KENT	ITP	Paratransit Replacement (12)	Regionwide		Transit vehicle additions/replacements	Paratransit Replacement (12)	T-Cap		824	5307	206	CTF			1,030			08/05/10		Exempt										
2012	KENT	ITP	Paratransit Vehicles Expansion	Regionwide		Transit vehicle additions/replacements	Paratransit Vehicles Expansion	T-Cap		137	5307	34	CTF			172			08/05/10		Exempt										
2012	KENT	ITP	Replacement 40' Buses	Regionwide		Transit vehicle additions/replacements	Replacement 40' Buses	T-Cap		923	5307	231	CTF			1,154			08/05/10		Exempt										
2012	KENT	ITP	Associated Capital Maintenance Items	Regionwide		Transit facility	Associated Capital Maintenance Items	T-Cap		590	5307	148	CTF			738			08/05/10		Exempt										
2012	KENT	ITP	Preventive Maintenance	Regionwide		Miscellaneous	Preventive Maintenance	T-Cap		1,300	5307	325	CTF			1,625			08/05/10		Exempt										
2012	KENT	ITP	Bus Tire Lease	Regionwide		Transit facility	Bus Tire Lease	T-Cap		180	5307	45	CTF			225			08/05/10		Exempt										

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2013	KENT	ITP	Storage/Shelving Units	Regionwide		Transit operations equipment	Storage/Shelving Units	T-Cap		15	5307	4	CTF			19			08/05/10		Exempt											
2013	KENT	ITP	Office Furniture/Equipment	Regionwide		Transit operations equipment	Office Furniture/Equipment	T-Cap		40	5307	10	CTF			50			08/05/10		Exempt											
2013	KENT	ITP	Computer Hardware	Regionwide		Transit operations equipment	Computer Hardware	T-Cap		58	5307	15	CTF			73			08/05/10		Exempt											
2013	KENT	ITP	Computer Software	Regionwide		Transit operations equipment	Computer Software	T-Cap		40	5307	10	CTF			49			08/05/10		Exempt											
2013	KENT	ITP	Service Vehicles	Regionwide		Transit vehicle additions/replacements	Service Vehicles	T-Cap		70	5307	18	CTF			88			08/05/10		Exempt											
2013	KENT	ITP	Misc. Support Equipment	Regionwide		Transit operations equipment	Miscellaneous support equipment	T-Cap		44	5307	11	CTF			55			08/05/10		Exempt											
2013	KENT	ITP	Surveillance/Security Equipment	Regionwide		Transit operations equipment	Surveillance/Security Equipment	T-Cap		256	5307	64	CTF			320			08/05/10		Exempt											
2013	KENT	ITP	ADA Vehicle Equipment	Regionwide		Transit operations equipment	ADA Vehicle Equipment	T-Cap		200	5307	50	CTF			250			08/05/10		Exempt											
2013	KENT	ITP	Rehab Adm/Maint Facility	Regionwide		Transit facility	Rehabilitation Admin/Main Facility	T-Cap		340	5307	85	CTF			425			08/05/10		Exempt											
2013	KENT	ITP	Passenger Shelters	Regionwide		Transit facility	Passenger Shelters	T-Cap		100	5307	25	CTF			125			08/05/10		Exempt											
2013	KENT	ITP	Intelligent Transportation System	Regionwide		Miscellaneous	Intelligent Transportation System	T-Cap		1	5307	0	CTF			1			08/05/10		Exempt											
2013	KENT	ITP	Misc. Contingencies	Regionwide		Miscellaneous	Misc. Contingencies	T-Cap		80	5307	20	CTF			100			08/05/10		Exempt											
2013	KENT	ITP	Project Administration	Regionwide		Miscellaneous	Project Administration	T-Cap		80	5307	20	CTF			100			08/05/10		Exempt											
2013	KENT	ITP	Capital Costs of Contracting	Regionwide		Miscellaneous	Capital Costs of Contracting	T-Cap		560	5307	140	CTF			700			08/05/10		Exempt											
2013	KENT	ITP	Bus Stop Signs	Regionwide		Transit facility	Bus Stop Signs	T-Cap		10	5307	3	CTF			13			08/05/10		Exempt											
2013	KENT	ITP	Information Displays	Regionwide		Transit facility	Information Displays	T-Cap		10	5307	3	CTF			13			08/05/10		Exempt											
2013	KENT	ITP	Planning Funds	Regionwide		Planning and research	Planning Funds	T-Cap		520	5307	140	CTF	140	TRAL	800			08/05/10		Exempt											
2013	KENT	ITP	Replacement Buses (5)	Regionwide		Transit vehicle additions/replacements	Replacement Buses (5)	T-Cap		1,616	5309	404	CTF			2,020			08/05/10		Exempt											
2013	KENT	KCRC	76th Street	Sierrafield Drive to Burlingame Avenue	0.31	Resurface	Resurface	CON		88	STU			42	CNTY	130			08/05/10		Exempt	10		143								
2013	KENT	KCRC	Kraft Avenue	52nd Street to 60th Street	1	Resurface	Resurface and Reconstruct	CON		442	STU			208	CNTY	650			08/05/10		Exempt	10		715								
2013	KENT	KCRC	Cascade Road	Timpson Avenue to Segwun Avenue	2.25	Resurface	Resurface	CON		575	ST			144	CNTY	719			08/05/10		Exempt	Rural. 10		791								
2013	KENT	KCRC	Northland Drive	Indian Lakes Road to South Street	1.2	Widen - major (capacity increase)	Reconstruct and widen 2 to 3 lanes	CON		1,600	EDCF			400	CNTY	2,000			08/05/10		Non-exempt	15		2,300								
2013	KENT	KCRC	Knapp Street	At Grand River Drive	0.1	Widen - major (capacity increase)	Add turn lanes at the intersection	CON		440	EDCF			110	CNTY	550			08/05/10		Non-exempt	10		605								
2013	KENT	KCRC	68th Street SE	Over Plaster Creek, Kent County		Bridge restore & rehabilitate	Bridge Rehabilitation	CON		432	BHT	81	M	27	CNTY	540	108885		08/05/10		Exempt			540								
2013	KENT	MDOT	M-11	At Clyde Park Avenue	0.105	Reconstruct	Intersection Reconstruction	CON		491	NH	95	M	14	CNTY	600	110036		08/05/10		Exempt			650								
2013	KENT	MDOT	M-11	At Ivanrest & Byron Center Avenues	0.143	Reconstruct	Intersection Reconstruction	CON		942	NH	196	M	13	CNTY	1,151	109765		08/05/10		Exempt			1,251								
2013	OTTAWA	City of Hudsonville	Highland Drive	32nd Avenue to Creek View Drive	0.63	Resurface	Resurface	CON		93	STU			43	CITY	136			08/05/10		Exempt	10		150								
2013	OTTAWA	OCRC	Baldwin Street	20th Avenue to Cottonwood Drive	2	Resurface	Resurface	CON		612	STU			288	CNTY	900			08/05/10		Exempt	64		950								
2013	OTTAWA	OCRC	Leonard Street	24th Avenue to Kenowa Avenue	3.4	Resurface	Resurface	CON		740	STU			348	CNTY	1,088			08/05/10		Exempt	69		1,075								

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Required Fields																							Optional Fields								
Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Phase Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Action Date	Amendment Type	Air Quality	Comments	Total Project Cost (\$1000s)	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date	
2014	KENT	City of East Grand Rapids	Lakeside Drive	Greenwood Drive to Wealthy Street	0.36	Reconstruct	Reconstruct	CON		382	STU			164	CITY	545			08/05/10		Exempt	50	767								
2014	KENT	City of Grand Rapids	Ann Street	Alpine Avenue to Voorheis Avenue	0.1	Resurface	Rotomill/Resurface	CON		53	STU			23	CITY	75			08/05/10		Exempt	53/47	100								
2014	KENT	City of Grand Rapids	Buchanan Avenue	Alger Street to Burton Street	0.49	Resurface	Rotomill/Resurface	CON		219	STU			94	CITY	313			08/05/10		Exempt	55/45	400								
2014	KENT	City of Grand Rapids	Carlton Avenue	Lake Drive to Fulton Street	0.35	Resurface	Rotomill/Resurface	CON		151	STU			65	CITY	216			08/05/10		Exempt	56/44	270								
2014	KENT	City of Grand Rapids	Lake Drive	East Beltline to East City Limit	0.25	Resurface	Rotomill/Resurface	CON		109	STU			47	CITY	156			08/05/10		Exempt	52/48	210								
2014	KENT	City of Grand Rapids	Lake Michigan Drive	Garfield Avenue to US-131	1.06	Resurface	Rotomill/Resurface	CON		438	STU			188	CITY	625			08/05/10		Exempt	60/40	730								
2014	KENT	City of Grand Rapids	Richmond Street	Alpine Avenue to Scribner Avenue	0.58	Resurface	Rotomill/Resurface	CON		263	STU			113	CITY	375			08/05/10		Exempt	56/44	465								
2014	KENT	City of Grand Rapids	Turner Avenue	Ann Street to US-131 SB Ramps	0.27	Resurface	Rotomill/Resurface	CON		118	STU			50	CITY	168			08/05/10		Exempt	55/45	215								
2014	KENT	City of Grand Rapids	Wealthy Street	US-131 to Division Avenue	0.18	Reconstruct	Reconstruct	CON		788	STU			338	CITY	1,125			08/05/10		Exempt	30/70	2,650								
2014	KENT	City of Grandville	Canal Avenue	Chicago Drive to 44th Street	1.5	Resurface	Resurface	CON		525	STU			225	CITY	750			08/05/10		Exempt	64/36	825								
2014	KENT	City of Kentwood	Division Avenue	54th Street to 60th Street	0.75	Reconstruct	Reconstruct and BLVD.	CON	AC	150	STU			1,530	CITY	1,680			08/05/10		Non-exempt	ACC FY2015 \$1,071,335 Federal.									
2014	KENT	City of Kentwood	East Paris Avenue	44th Street to Barden Drive	0.66	Reconstruct	Reconstruct	CON		505	STU			217	CITY	722			08/05/10		Exempt										
2014	KENT	City of Kentwood	Forest Hill Avenue	I-96 to North City Limit	1.47	Reconstruct	Reconstruct	CON	ACC	461	STU					461			08/05/10		Exempt	AC FY2011									
2014	KENT	City of Walker	Remembrance Road	Leonard Street to Walker Village Drive	0.48	Resurface	2/3 resurface, 1/3 reconstruct	CON		595	STU			255	CITY	850			08/05/10		Exempt	20	1,020								
2014	KENT	City of Wyoming	44th Street	Stafford Avenue to Division Avenue	0.6	Reconstruct	Reconstruct	CON		1,470	STU			630	CITY	2,100			08/05/10		Exempt	40	2,940								
2014	KENT	GVMC	Planning Studies	Areawide		Studies		EPE		150	STU			38	OLF	188			08/05/10		Exempt										
2014	KENT	ITP	Paratransit Vehicles Expansion	Regionwide		Transit vehicle additions/replacements	Paratransit Vehicles Expansion	T-Cap		151	5307	38	CTF			189			08/05/10		Exempt										
2014	KENT	ITP	Replacement 40' Buses	Regionwide		Transit vehicle additions/replacements	Replacement 40' Buses	T-Cap		2,560	5307	640	CTF			3,200			08/05/10		Exempt										
2014	KENT	ITP	Associated Capital Maintenance Items	Regionwide		Transit facility	Associated Capital Maintenance Items	T-Cap		727	5307	182	CTF			908			08/05/10		Exempt										
2014	KENT	ITP	Preventive Maintenance	Regionwide		Miscellaneous	Preventive Maintenance	T-Cap		1,300	5307	325	CTF			1,625			08/05/10		Exempt										
2014	KENT	ITP	Bus Tire Lease	Regionwide		Transit facility	Bus Tire Lease	T-Cap		189	5307	47	CTF			236			08/05/10		Exempt										
2014	KENT	ITP	A&E	Regionwide		Transit facility	Architecture and Engineering	T-Cap		40	5307	10	CTF			50			08/05/10		Exempt										
2014	KENT	ITP	Shop Equipment	Regionwide		Transit operations equipment	Shop Equipment	T-Cap		20	5307	5	CTF			25			08/05/10		Exempt										
2014	KENT	ITP	Facility Equipment	Regionwide		Transit facility	Facility Equipment	T-Cap		2,279	5307	570	CTF			2,848			08/05/10		Exempt										
2014	KENT	ITP	Storage/Shelving Units	Regionwide		Transit operations equipment	Storage/Shelving Units	T-Cap		16	5307	4	CTF			20			08/05/10		Exempt										
2014	KENT	ITP	Office Furniture/Equipment	Regionwide		Transit operations equipment	Office Furniture/Equipment	T-Cap		40	5307	10	CTF			50			08/05/10		Exempt										

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FY 2011 - 2014 Draft - GVMC Grand Rapids

8/5/10






Required Fields																							Optional Fields										
Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Phase Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Action Date	Amendment Type	Air Quality	Comments	Total Project Cost (\$1000s)	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date			
2014	KENT	ITP	Computer Hardware	Regionwide		Transit operations equipment	Computer Hardware	T-Cap		61	5307	15	CTF			76			08/05/10		Exempt												
2014	KENT	ITP	Computer Software	Regionwide		Transit operations equipment	Computer Software	T-Cap		41	5307	10	CTF			52			08/05/10		Exempt												
2014	KENT	ITP	Service Vehicles	Regionwide		Transit vehicle additions/replacements	Service Vehicles	T-Cap		74	5307	18	CTF			92			08/05/10		Exempt												
2014	KENT	ITP	Misc. Support Equipment	Regionwide		Transit operations equipment	Miscellaneous support equipment	T-Cap		46	5307	12	CTF			58			08/05/10		Exempt												
2014	KENT	ITP	Surveillance/Security Equipment	Regionwide		Transit operations equipment	Surveillance/Security Equipment	T-Cap		76	5307	19	CTF			95			08/05/10		Exempt												
2014	KENT	ITP	ADA Vehicle Equipment	Regionwide		Transit operations equipment	ADA Vehicle Equipment	T-Cap		210	5307	53	CTF			263			08/05/10		Exempt												
2014	KENT	ITP	Rehab Adm/Maint Facility	Regionwide		Transit facility	Rehabilitation Admin/Main Facility	T-Cap		357	5307	89	CTF			446			08/05/10		Exempt												
2014	KENT	ITP	Passenger Shelters	Regionwide		Transit facility	Passenger Shelters	T-Cap		80	5307	20	CTF			100			08/05/10		Exempt												
2014	KENT	ITP	Intelligent Transportation System	Regionwide		Miscellaneous	Intelligent Transportation System	T-Cap		1	5307	0	CTF			1			08/05/10		Exempt												
2014	KENT	ITP	Misc. Contingencies	Regionwide		Miscellaneous	Misc. Contingencies	T-Cap		80	5307	20	CTF			100			08/05/10		Exempt												
2014	KENT	ITP	Project Administration	Regionwide		Miscellaneous	Project Administration	T-Cap		80	5307	20	CTF			100			08/05/10		Exempt												
2014	KENT	ITP	Capital Costs of Contracting	Regionwide		Miscellaneous	Capital Costs of Contracting	T-Cap		588	5307	147	CTF			735			08/05/10		Exempt												
2014	KENT	ITP	Bus Stop Signs	Regionwide		Transit facility	Bus Stop Signs	T-Cap		10	5307	3	CTF			13			08/05/10		Exempt												
2014	KENT	ITP	Information Displays	Regionwide		Transit facility	Information Displays	T-Cap		10	5307	3	CTF			13			08/05/10		Exempt												
2014	KENT	ITP	Planning Funds	Regionwide		Planning and research	Planning Funds	T-Cap		546	5307	140	CTF	140	TRAL	826			08/05/10		Exempt												
2014	KENT	KCRC	28th Street	Kraft Avenue to I-96 Ramps	0.3	Resurface	Resurface	CON		280	STU			120	CNTY	400			08/05/10		Exempt	10											
2014	KENT	KCRC	68th Street	Clyde Park Avenue to Burlingame Avenue	1	Resurface	Resurface	CON		350	STU			150	CNTY	500			08/05/10		Exempt	10											
2014	KENT	KCRC	84th Street	Division Avenue to Kalamazoo Avenue	2	Resurface	Resurface	CON		560	STU			240	CNTY	800			08/05/10		Exempt	10											
2014	KENT	KCRC	East Paris Avenue	Cascade Road to Kentwood City Limit	0.5	Resurface	Resurface	CON		350	STU			150	CNTY	500			08/05/10		Exempt	10											
2014	KENT	KCRC	Cascade Road	Segwun Avenue to the County line	1.75	Resurface	Resurface and remove bridge	CON		574	ST			143	CNTY	717			08/05/10		Exempt	Rural. 10											
2014	KENT	KCRC	4 Mile Road	Walker Avenue to Old Orchard Drive	1.90	Widen - major (capacity increase)	Reconstruct and widen 2 to 3 lanes	CON		2,188	EDCF			547	CNTY	2,735	104907		08/05/10		Non-exempt	Former FY2011 STPU project. 15											
2014	KENT	MDOT	US-131	I-196 North to Ann Street	1.442	Miscellaneous	Replace Freeway Lighting	CON		819	NH	182	M			1,000	87397		08/05/10		Exempt												
2014	KENT	Village of Kent City	Ball Creek Road	Kent City northwest Village limit to Rusco Street	1.22	Resurface	Resurface	CON		20	ST			20	VLG	40			08/05/10		Exempt	Rural											
2014	OTTAWA	MDOT	Countywide	Grand River Watershed	0.01	Miscellaneous	Wetland Mitigation Bank Site	CON		400	ST	100	M			500	107961		08/05/10		Exempt												
2014	OTTAWA	OCRC	44th Street	8th Avenue to Kenowa Avenue	1	Resurface	Rotomill/Resurface	CON		456	STU			195	CNTY	651			08/05/10		Exempt	70											
2014	OTTAWA	OCRC	Bauer Road	24th Avenue to Cottonwood Drive	1.5	Resurface	Resurface	CON		370	STU			158	CNTY	528			08/05/10		Exempt	70											

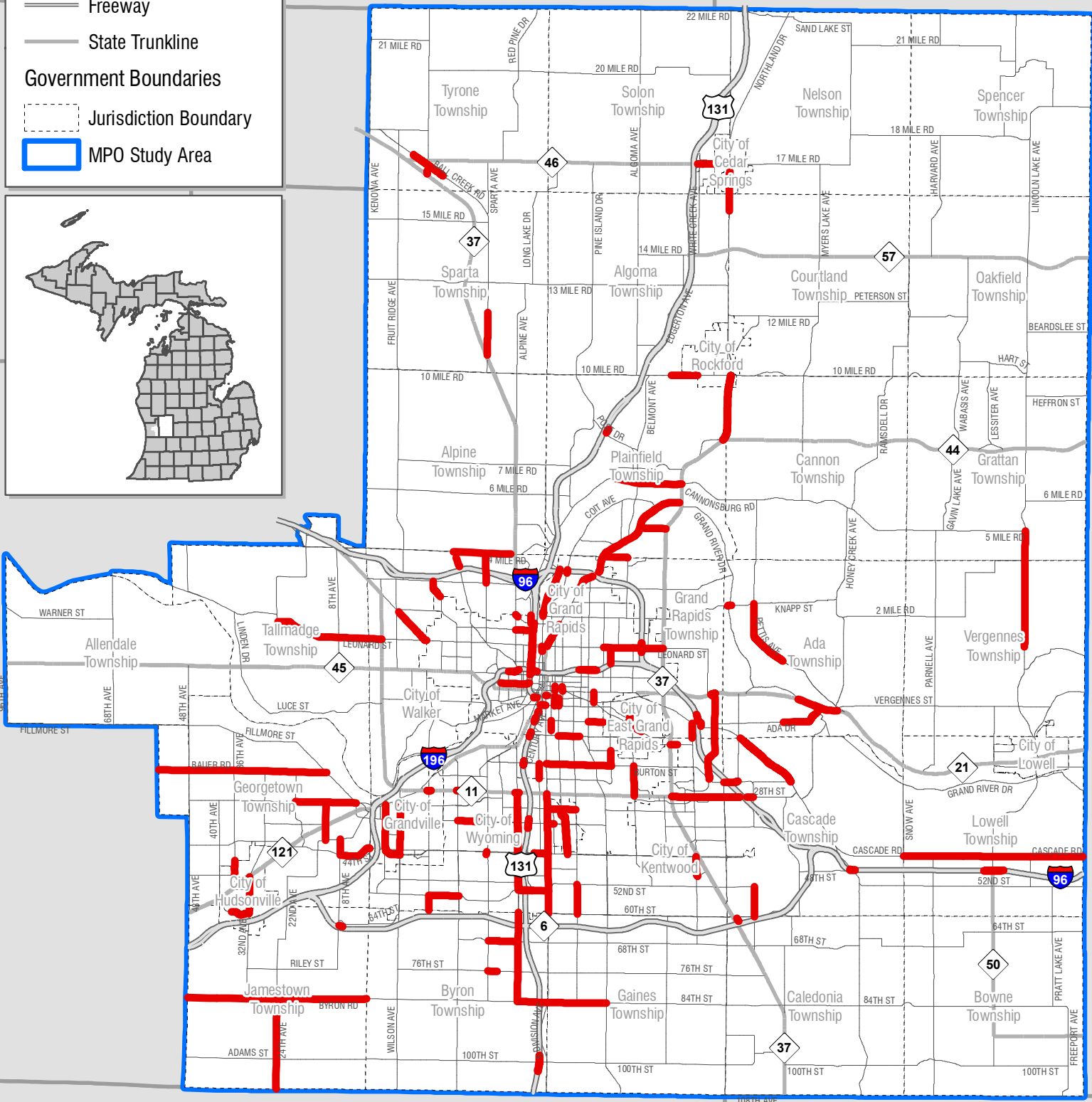
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Map 3 Fiscal Year 2011- 2014 Project Mapped

Staff has placed this map on the GVMC web site. Individuals looking for more details or the ability to print this map at a larger scale can do so from here: <http://www.gvmc.org/transportation/tip.shtml>

Transportation Improvement Program Projects 2011-2014

-  TIP Projects
- Type of Street or Road
-  Freeway
-  State Trunkline
- Government Boundaries
-  Jurisdiction Boundary
-  MPO Study Area



FY 2009 TIP PROJECT STATUS

23 CFR 450.324(l)(2) states the TIP should list major projects from the previous TIP that were implemented and identify any significant delays in the planned implementation of major projects. Included in this section is all Federal, State and locally funded projects built or planned to be built in FY2009. This list identifies all multi-modal transportation investments in the metropolitan area, including transit, highway and bicycle projects. The projects are listed by jurisdiction.

After a review of all projects listed in FY2009 (of the FY2008-2011 TIP), it was determined based on MDOT, local jurisdictions and the transit agency that those projects are proceeding forward and will be built and open to traffic as it was originally planned by FY2009.

As this document is released during FY2010, the status of those projects is not provided. After FY2010 has ended, a separate list of projects obligated in FY 2010 will be added to this document.

Grand Rapids - FY 2009 Obligated Projects

11/5/09

Required Fields																				Optional Fields											
Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Approval Date	Amendment Type	Air Quality	Comments	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date	Other	GPA / Line Item
2009	KENT	MDOT	US-131	under 32nd Street	0	Bridge Replacement	Railing Replacement	PE		3	NH	1	M	0	CITY	4	102806											02/10/09	4		EPE/PE/ROW
2009	KENT	MDOT	US-131, I-96 & I-196	31 Locations in Kent County	0.001	Miscellaneous	Integrate ITS Devices	PE		25	ST	5	M	0		30	105796										03/26/09	30		EPE/PE/ROW	
2009	KENT	MDOT	M-6	M-6: I-196 to I-96; I-96: M-11 to M-6	23.02	Miscellaneous	Deploy misc ITS technologies	PE		45	EBSL	0		0		45	105798									03/26/09	45	08/13/09		EPE/PE/ROW	
2009	KENT	MDOT	I-96	I-96 WB over Coopersville and Marne Railroad	0	Restore and Rehabilitate	Beam repair, Substr repair	PE		5	BHI	1	M	0		6	106273									06/02/09	6		EPE/PE/ROW		
2009	KENT	MDOT	M-21	over the GTW Railroad	0.087	Bridge Replacement	Superstructure Replacement	PE		22	ST	5	M	0		27	102973									08/12/09	27		EPE/PE/ROW		
2009	KENT	MDOT	I-96	under Whitneyville Road	0	Restore and Rehabilitate	Deep ovly, paint, substr rprs	PE		15	IM	2	M	0		16	106669									08/18/09	16		EPE/PE/ROW		
2009	KENT	MDOT	M-44 CONN	Airway St to M-44	1.529	Resurface	2 Course HMA Mill & Resurface	PE		164	EBSL	36	M	0		200	105715									08/20/09	200		EPE/PE/ROW		
2009	KENT	MDOT	US-131	I-196 North to Ann Street	1.442	Miscellaneous	Replace Freeway Lighting	PE		82	NH	18	M	0		100	87397									08/27/09	100		EPE/PE/ROW		
2009	KENT	Kent County	Hammond Avenue SE	At Schooley Drain, Kent County	0	Bridge Replacement	Bridge replacement	CON		584	BRO	110	M	37	CNTY	730	89210									01/29/09	259	04/03/09		Local Bridge	
2009	KENT	Kent County	Madison Avenue and Hall Street	Hall St. to Adams St., Jefferson Ave to Paris Ave	1.373	Roadside Facility	Streetscape	CON		929	ARE	0		2,050	CNTY	2,979	104177									07/15/09	2,982	08/20/09		Local Enhancement	
2009	KENT	Sparta	Division St. and Union St.	State St. and Division St. to Nash Creek	0	Roadside Facility	Streetscape	CON		377	STE	0		961	CITY	1,338	103421									12/15/08	1,387	02/06/09		Local Enhancement	
2009	KENT	Kent County	Kent Trails	Prairie Ave south to 84th St., Kent Co.	0	Roadside Facility	Non-motorized path	CON		440	STE	0		440	CNTY	881	105363									05/21/09	788	07/10/09		Local Enhancement	
2009	KENT	Kent County	Cherry St.	Cherry Street	0	Miscellaneous	Brick Street Rehabilitation	CON		417	STE	0		341	CNTY	759	81097									06/02/09	879	07/10/09		Local Enhancement	
2009	KENT	Kent County	13 Mile Road	13 Mile Road	0	Traffic Operations	Vertical curve modification	CON		200	STH	0		50	CNTY	250	105019									12/18/08	223	03/06/09		Local Highway Safety	
2009	KENT	Kent County	Lincoln Lake Avenue	Lincoln Lake Avenue	0	Traffic Operations	Vertical curve modification	CON		198	HRRR	0		73	CNTY	271	104468									01/27/09	211	04/03/09		Local Highway Safety	
2009	KENT	Kent County	Fruit Ridge Avenue	Fruit Ridge Avenue	0	Traffic Operations	Traffic signal upgrade.	CON		72	STH	0		18	CNTY	90	105021									02/24/09	75	05/01/09		Local Highway Safety	
2009	KENT	Kent County	Leonard Street	Leonard Street	0	Traffic Operations	Traffic and ped signal upgrade	CON		112	STH	0		28	CNTY	140	105022									07/21/09	129	10/02/09		Local Highway Safety	
2009	KENT	Wyoming	32nd Street	At Norfolk Southern Railway, City of Wyoming	0	Traffic Operations	Install gates	CON		105	STR	45	M	0		150	105398									12/15/08	150			Local Rail Safety	
2009	KENT	Kent County	Segwun Avenue	At Grand Rapids Eastern Railroad, Lowell Township	0	Traffic Operations	Relocate signals, install gates	CON		20	STR	9	M	28	CNTY	57	106499									04/23/09	58			Local Rail Safety	
2009	KENT	MDOT	US-131	under 32nd Street	0	Bridge Replacement	Railing Replacement	SUB		21	NH	4	M	1	CITY	26	102806									02/10/09	26			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	US-131	under Pine Island Drive, Post Road, 10 Mile Rd	1.682	Restore and Rehabilitate	Deep Overlay, Pin and Hangers	SUB		27	BHN	3	M	0		30	103034									03/11/09	30	06/05/09		Trunkline Bridge CPM CSM	
2009	KENT	MDOT	M-11	over Grand River	0.001	Bridge Other	Jt Rprs, Substr Repr, bm rprs	SUB		60	BHN	15	M	0		75	106145			08/07/08					09/19/08	03/26/09	75	08/06/09		Trunkline Bridge CPM CSM	
2009	KENT	MDOT	M-57	over White Pine Trail	0.001	Restore and Rehabilitate	Deep ovly, P/H, substr rep, pt	SUB		13	MG	3	M	0		16	106144			03/18/09					04/06/09	04/29/09	16	07/10/09		Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-196	under 44th Street	0.001	Bridge Other	P&H repl, deck ptch, joints	SUB		4	BHI	1	M	0		6	106154			08/07/08					09/19/08	05/01/09	6			Trunkline Bridge CPM CSM	

Grand Rapids - FY 2009 Obligated Projects

11/5/09

Required Fields																				Optional Fields												
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2009	KENT	MDOT	I-96	I-96 WB over Coopersville and Marne Railroad	0	Restore and Rehabilitate	Beam repair, Substr repair	SUB		15	BHI	2	M	0		16	106273											05/28/09	16			Trunkline Bridge CPM CSM
2009	KENT	MDOT	I-96	I-96 EB over Coopersville and Marne Railroad	0	Bridge Other	Beam repairs, Substr patching	SUB		17	BHI	2	M	0		19	106371										05/28/09	19			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-96	7 Bridges, Kent County, Ionia County	0.373	Bridge Other	Deck ptch, jnt rpl, subst ptch	PE		1	BHI	0	M	0		1	106901										06/02/09	1			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	US-131	over the Rogue River	0	Bridge Other	Beam repair, scour protection	PE		2	BHN	0	M	0		2	106304										06/02/09	2			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-96	I-96 EB over Coopersville and Marne Railroad	0	Bridge Other	Beam repairs, Substr patching	PE		5	BHI	1	M	0		6	106371										06/02/09	6			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	US-131	over the Rogue River	0	Bridge Other	Beam repair, scour protection	SUB		72	BHN	18	M	0		90	106304										06/02/09	90			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-96	7 Bridges, Kent County, Ionia County	0.373	Bridge Other	Deck ptch, jnt rpl, subst ptch	SUB		171	BHI	19	M	0		190	106901										06/02/09	190			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	US-131	under 22 Mile Road	0.001	Bridge Other	Deck patch, ints, P/H	SUB		8	BHN	2	M	0		10	107254									06/18/09	10	09/03/09			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	US-131	under 12 Mile Road	1.922	Bridge Other	Deck patch, ints, P/H	SUB		9	BHN	2	M	0		11	107253									06/18/09	11	09/03/09			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	M-21	over the GTW Railroad	0.087	Bridge Replacement	Superstructure Replacement	SUB		137	ST	30	M	0		168	102973									08/12/09	168				Trunkline Bridge CPM CSM	
2009	KENT	MDOT	US-131	under 22 Mile Road	0.001	Bridge Other	Deck patch, ints, P/H	CON		523	BHN	131	M	0		654	107254									08/12/09	644	09/03/09			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	US-131	under 12 Mile Road	1.922	Bridge Other	Deck patch, ints, P/H	CON		622	BHN	156	M	0		778	107253									08/12/09	768	09/03/09			Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-96	I-96 EB and WB over M-11 (28th Street)	0	Restore and Rehabilitate	Deep Ovrvy, P/H, Subst repairs	SUB		30	IM	3	M	0		33	106264									08/18/09	33				Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-96	under Whitneyville Road	0	Restore and Rehabilitate	Deep ovly, paint, substr rprs	SUB		55	IM	6	M	0		61	106669									08/18/09	61				Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-96	I-96 EB and WB over M-11 (28th Street)	0	Restore and Rehabilitate	Deep Ovrvy, P/H, Subst repairs	PE		14	IM	2	M	0		16	106264									08/18/09	16				Trunkline Bridge CPM CSM	
2009	KENT	MDOT	I-96	Grand Rapids	2.4	Traffic Operations	Overhead Sign & Structures	PE		20	IMG	0		0		20	105748									03/12/09	20	06/05/09			Trunkline Highway Safety	
2009	KENT	MDOT	I-96	Grand Rapids	2.4	Traffic Operations	Overhead Sign & Structures	CON		240	IMG	0		0		240	105748									04/21/09	231	06/05/09			Trunkline Highway Safety	
2009	KENT	MDOT	US-131 SB	At the WB I-196 ramp	0	Traffic Operations	Replace Attenuator	CON		36	STG	3	M	0		39	105494									06/15/09	39				Trunkline Highway Safety	
2009	KENT	MDOT	US-131BR	PLAINFIELD / DIVISION	0	Traffic Operations	Signal Modernization with JN 8	CON		86	STG	10	M	0		95	107761									08/18/09	89				Trunkline Highway Safety	
2009	KENT	MDOT	M-11	At Warrington St	0	Traffic Operations	Modify to Right In Right Out	CON		90	STH	10	M	0		100	90094									08/31/09	79	10/02/09			Trunkline Highway Safety	
2009	KENT	MDOT	US-131 BR	at Grand Rapids Eastern RR (G03)	0	Traffic Operations	Crossing resurface	CON		200	STR			0		200	81338									07/22/09	195				Trunkline Rail Crossings	
2009	KENT	MDOT	US-131 BR	at Grand Rapids Eastern RR (G03)	0	Traffic Operations	Pavement removal & reconstruct	CON		108	STR	12	M	0		120	81336									08/20/09	120				Trunkline Rail Crossings	
2009	KENT	MDOT	M-6	East Paris Avenue east to The Grand Trunk Railroad	9.431	Resurface	Coldmill and HMA Resurface	CON		1,738	NH	385	M	0		2,124	102983									12/30/08	2,124	03/06/09			Trunkline Road CPM	
2009	KENT	Kentwood	Kalamazoo Street	at 52nd Street Intersection	0	Miscellaneous	dedicated turn lanes/signal	CON		400	CM	0		100	CITY	500	102424			12/06/07						01/31/08	12/18/08	478	03/06/09			
2009	KENT	Kentwood	Kalamazoo Avenue	52nd Street to 44th Street	0.75	Reconstruct	Reconstruct	CON		2,118	STU	0		1,906	CITY	4,024	104884			07/09/08						02/28/08	12/18/08	3,347	03/06/09			
2009	KENT	Walker	Center Drive	at M-37 Alpine Avenue	0	Miscellaneous	dedicated turning lanes	CON		60	CM	0		22	CITY	82	102428			12/06/07						01/31/08	01/29/09	68	04/03/09			
2009	KENT	Cedar Springs	Main Street	South Street to Muskegon Street	0.23	Reconstruct	Reconstruct	CON		244	STU	0		221	CITY	465	104886			07/09/08						01/31/08	02/04/09	416	04/03/09			
2009	KENT	MDOT	M-57	at US-131 SW Quadrant	0	Roadside Facility	Resurface with Minor Widening	CON		52	ST	11	M	0		63	87478									03/03/09	65	03/06/09				

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Required Fields																				Optional Fields											
Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Approval Date	Amendment Type	Air Quality	Comments	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date	Other	GPA / Line Item
2009	KENT	MDOT	I-96 EB	off-ramp to M-21 westbound	0	Traffic Operations	Add right turn lane at ramp	CON		936	CM	234	M	0		1,170	100615		12/06/07			unable to obligate the full amounts of the B and A phases. there is funding from 2008 that is not really there. \$220k was never obligated from the 08 grant, so it is in carry over and the obligation authority needed to obligate the B and A phase in this job is not there. Messages to Finance and to the Region to help resolve the funding shortage have been left on 1/26/09 □ □ STIP switched have been turned off to protect the project from obligating until the funding issues are worked out 1/26/09			02/28/08		03/06/09	981	04/03/09		
2009	KENT	Lowell	Gee Drive	Cherry Creek Elementary School, City of Lowell	0	Roadside Facility	Bike/ped safety improvements	CON		288	SRSI	0		0		288	104969		02/05/09	AD					03/20/09		04/02/09	226	06/05/09		
2009	KENT	Kent County	Vergennes St.	at Pettis Avenue	0	Miscellaneous	Dedicated Left Turn Lanes	CON		85	CM	0		22	CNTY	107	106104		03/05/09	AD		because the project is in a very low speed range, the VOC benefits are very large for the improvement			04/06/09		04/16/09	95	06/05/09		
2009	KENT	Wyoming	Prairie Parkway	From Byron Center to Burlingame Avenue, Wyoming	1	Resurface	Resurface	CON		537	ARU	0		0		537	106382		03/18/09	AD					04/06/09		04/16/09	461	06/05/09		
2009	KENT	Wyoming	Burlingame Avenue	From 52nd Street to 36th Street, Wyoming	2.03	Resurface	Resurface	CON		1,006	ARU	0		0		1,006	106374		03/18/09	AD					04/06/09		04/16/09	943	06/05/09		
2009	KENT	Walker	Veteran's Memorial Drive	From Riverbend Drive to Maynard Avenue, Walker	0.499	Resurface	Resurface	CON		122	ARU	0		0		122	106373		03/18/09	AD					04/06/09		04/17/09	109	06/05/09		
2009	KENT	Walker	Three Mile Road	From I-96 east bound ramp to Alpine Avenue, Walker	0.13	Restore and Rehabilitate	Repair/resurface	CON		280	ARU	0		0		280	106372		03/18/09	AD					04/06/09		04/17/09	278	06/05/09		
2009	KENT	Kent County	5 Mile Road	From Gavin Lake to Lincoln Lake	2.75	Resurface	Resurface	CON		761	ARU	0		0		761	104904		04/07/09	YR					04/07/09		04/22/09	677	07/10/09		
2009	KENT	Grandville	Potomac Avenue	From 44th Street to Century Center, Grandville	0.224	Resurface	Resurface	CON		75	ARU	0		7	CITY	82	106257		03/18/09	AD					04/06/09		04/23/09	75	06/25/09		
2009	KENT	Grandville	Kenowa Avenue	South City Limits to Stonehenge Drive, Grandvill	0.17	Resurface	Resurface	CON		77	ARU	0		8	CITY	84	106232		03/18/09	AD					04/06/09		04/23/09	92	06/25/09		
2009	KENT	Grandville	44th Street	From Potomac Avenue to Rivertown Parkway	0.373	Resurface	Resurface	CON		80	ARU	0		8	CITY	87	106227		03/18/09	AD					04/06/09		04/23/09	94	06/25/09		
2009	KENT	Grand Rapids	Leonard Street	From Nixon Street to Collingdale Avenue	0.52	Reconstruct	Reconstruct	CON		1,460	ARU	0		443	CITY	1,903	104915		03/18/09	YR		Phase 4			01/06/09		04/23/09	1,637	06/05/09		
2009	KENT	MDOT	US-131	under Pine Island Drive, Post Road, 10 Mile Rd	1.682	Restore and Rehabilitate	Deep Overlay, Pin and Hangers	CON		3,037	AR1	0		0		3,037	103034		03/18/09					04/06/09		04/23/09	1,741	06/05/09			
2009	KENT	Grandville	44th Street	From Kenowa Avenue to I-196 Ramp, Grandville	0.114	Resurface	Resurface	CON		80	ARU	0		38	CITY	118	106261		03/18/09	AD					04/06/09		04/24/09	137	06/25/09		
2009	KENT	MDOT	I-196	M-45 East to Monroe Avenue	2.014	Miscellaneous	Replace Freeway Lighting	CON		1,855	IM	206	M	0		2,061	90110		10/13/08	AD					11/14/08		04/28/09	736	06/05/09		

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2009	KENT	East Grand Rapids	Lake Drive	From west city limits to Plymouth Road	0.321	Reconstruct	Reconstruct	CON		332	ARU	0		229	CITY	561	106399		03/18/09	AD					04/06/09		05/01/09	517	06/25/09		
2009	KENT	Kent County	84th Street	From Cherry Valley Avenue to Whitneyville Avenue	2.508	Resurface	Resurface	CON		670	ARU	0		0		670	106263		03/18/09	AD					04/06/09		05/05/09	672	06/25/09		
2009	KENT	Kent County	Patterson Avenue	From 44th Street to M-37	1.596	Resurface	Resurface	CON		1,100	ARU	0		0		1,100	106269		03/18/09	AD					04/06/09		05/05/09	1,140	07/10/09		
2009	KENT	Grand Rapids	Bretton Avenue	From North City Limits to Burton Street	0.25	Reconstruct	Reconstruct	CON		300	ARU	0		475	CITY	775	104913		03/18/09	YR					04/06/09		05/21/09	675	07/10/09		
2009	KENT	MDOT	Jackson Street	Detour Route Improvements for JN 78623	0	Resurface	Coldmill and HMA Resurface	CON		82	ST	18	M	92	CITY	192	106515										05/26/09	209	06/25/09		
2009	KENT	MDOT	M-57	over White Pine Trail	0.001	Restore and Rehabilitate	Deep ovly, P/H, substr rep, pt	CON		665	AR1	0		0		665	106144		03/18/09			Each ARRA funded phase must be certified by the governor and posted on the US DOT's website before the STIP fields can be cleared.			04/06/09		05/28/09	532	07/10/09		
2009	KENT	Grandville	Ivanrest Avenue	South City Limits to Rivertown Parkway	0.42	Resurface	Resurface	CON		170	STU	0		55	CITY	225	106249		07/09/07	AD					02/28/08		06/09/09	213	08/06/09		
2009	KENT	MDOT	M-6	M-6: I-196 to I-96; I-96: M-11 to M-6	23.02	Miscellaneous	Deploy misc ITS technologies	CON		1,355	AR1	0		0		1,355	105798		03/18/09	AD					04/06/09		06/15/09	823	08/13/09		
2009	KENT	Hope Network, Inc.	Rural Kent County	Areawide	0.001	Transit	Purchase Van	CON		44	STL	11	M	0		55	107171									06/23/09	55				
2009	KENT	Kent County	Areawide	Areawide	0	Miscellaneous	fare subsidy	CON		88	CM	0		22	CNTY	110	102418		12/06/07						01/31/08		06/23/09	88			
2009	KENT	Kent County	Regionwide	Regionwide	0	Miscellaneous	Rideshare Program	CON		147	CMG	0		0		147	102422		12/06/07	AD					01/31/08		06/23/09	147			
2009	KENT	Kent County	Regonwide	Regionwide	0	Miscellaneous	vanpool	CON		162	CM	0		41	CNTY	203	102421		12/06/07	AD					01/31/08		06/23/09	203			
2009	KENT	MDOT	US-131, I-96 & I-196	31 Locations in Kent County	0.001	Miscellaneous	Integrate ITS Devices	CON		280	AR1	0		0		280	105796		03/18/09						04/06/09		06/23/09	280			
2009	KENT	Kent County	Areawide	Areawide	0	Miscellaneous	bus replacement	CON		312	CM	0		78	CNTY	390	102419		12/06/07						01/31/08		06/23/09	390			
2009	KENT	MDOT	M-11	over Grand River	0.001	Bridge Other	Jt Rprs, Substr Repr, bm rprs	CON		1,200	AR1	0		0		1,200	106145		03/18/09						04/06/09		06/23/09	811	08/06/09		
2009	KENT	Kent County	Areawide	Areawide	0	Miscellaneous	camera detection	CON		180	CM	0		45	CNTY	225	102426		12/06/07						01/31/08		07/29/09	225	10/02/09		
2009	KENT	Kent County	Areawide	Areawide	0	Miscellaneous	TOC Operations	CON		292	CM	0		73	CNTY	365	102429		12/06/07						01/31/08		07/29/09	367			
2009	KENT	MDOT	I-196	the Grand River East to Fuller Avenue	1.977	Miscellaneous	Replace Freeway Lighting	CON		2,325	AR	0		0		2,325	87457		03/18/09						04/06/09		08/18/09	651	09/18/09		
2009	KENT	MDOT	I-196	EB and WB over Lafayette Avenue	0.001	Roadside Facility	Bridge Replacement	CON		4,420	AR	0		0		4,420	51884		03/18/09						04/06/09		08/18/09	2,588	09/18/09		
2009	KENT	MDOT	I-196	EB and WB over Lafayette Avenue	0.001	Roadside Facility	Bridge Replacement	CON		4,420	ARU	0		0		4,420	51884		03/18/09						04/06/09		08/18/09	2,588	09/18/09		
2009	KENT	MDOT	I-196	under Coit Avenue	0.001	Bridge Replacement	Bridge Replacement	CON		4,600	AR	0		0		4,600	51883		03/18/09						04/06/09		08/18/09	2,611	09/18/09		
2009	KENT	MDOT	I-196	The Grand River East to Fuller Avenue	3.837	Widen Major	Reconstruct & Widen	CON		29,700	AR	0		0		29,700	75547		03/18/09						04/06/09		08/18/09	33,852	09/18/09		
2009	KENT	MDOT	US-131	at 10 Mile Road SW Quadrant	0	Roadside Facility	Crack Sealing	CON				2	M	0		2	90169		12/04/08	AD					12/18/08		08/25/09	2	10/02/09		
2009	KENT	MDOT	M-44	at 7 Mile Road NE Quadrant	0	Roadside Facility	Resurface	CON		23	ST	5	M	0		28	90167		12/04/08	AD					12/18/09		08/27/09	31	10/02/09		
2009	KENT	MDOT	US-131	at West River Drive NE Quadrant	0	Roadside Facility	Resurface	CON		33	EBSL	7	M	0		40	90165		12/04/08	AD					12/18/09		08/27/09	41	10/02/09		
2009	KENT	Kent City	South Main Street	From Ball Creek Road to M-46/17 Mile Road	0.161	Resurface	Resurface	CON		70	ARL	0		40	CITY	110	107174		05/07/09	AD					05/20/09		09/01/09	110			
2009	KENT	Grand Rapids	Citywide	Citywide	0	Miscellaneous	signal optimization	CON		35	CM	0		9	CITY	43	102425		12/06/07						01/31/08		09/09/09	43			
2009	KENT	Kent County	Leonard Street	From M-44 to Crahen	1.494	Resurface	Resurface	CON		485	ARU	0		0		485	106268		03/18/09	AD					04/06/09		09/09/09	518			
2009	KENT	Kent County	Pettis Avenue	Pettis Ave	0	Miscellaneous	Dual Left Turn Lanes	CON		306	CM	0		77	CNTY	383	107232					CMAq Grant #08131				09/16/09	469				
2009	KENT	Grand Rapids	Regionwide	Regionwide	0	Miscellaneous	TOC operating assistance	CON		308	CM	0		77	CITY	385	108253									09/17/09	385				

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2009	KENT	Grand Rapids	Lake Drive	From Cherry Street to Fuller Avenue, Grand Rapids	0.212	Resurface	Rotomill/resurface	CON		230	ARU	0		0		230	106403		03/18/09	AD					04/06/09		09/21/09	275			
2009	KENT	MDOT	M-57	Morgan Mills Ave to Kent E Co Ln	0.926	Traffic Operations	Add Dedicated Center Lt Tm Ln	PE		160	CM	40	M	0		200	51942									11/07/08	200				
2009	KENT	Grand Valley Metropolitan Council	Congestion Management System	MPO areawide	0.1	Miscellaneous	Congestion Management System	EPE		123	STU	0		27	CITY	151	105268		07/09/08						04/16/08		11/12/08	151			
2009	KENT	Grand Valley Metropolitan Council	MPO GIS System	MPO areawide	0.1	Miscellaneous	MPO GIS System	EPE		175	STU	0		39	CITY	213	105267		07/09/07						04/16/08		11/12/08	213			
2009	KENT	Grand Valley Metropolitan Council	Pavement Management System	MPO areawide	0.1	Miscellaneous	Pavement Management System	EPE		319	STU	0		71	CITY	389	105269		07/08/07						06/11/08		11/12/08	389			
2009	KENT	Grand Rapids	Regionwide	Regionwide	0	Miscellaneous	Ozone Action Program	EPE		75	CM	0		19	CITY	94	102423		12/06/07						04/16/08		11/14/08	94			
2009	KENT	Walker	West MI Reg Trail Network Conn	Musketawa Trail to White Pine Trail	0	Roadside Facility	Non-motorized path connector	PE		40	HPSL	0		10	CITY	51	105117		12/04/08						12/18/08		12/30/08	51			
2009	KENT	MDOT	I-96 EB	off-ramp to M-21 westbound	0	Traffic Operations	Add right turn lane at ramp	ROW		40	CM	10	M	0		50	100615		12/06/07			unable to obligate the full amounts of the B and A phases. there is funding from 2008 that is not really there. \$220k was never obligated from the 08 grant, so it is in carry over and the obligation authority needed to obligate the B and A phase in this job is not there. Messages to Finance and to the Region to help resolve the funding shortage have been left on 1/26/09 STIP switched have been turned off to protect the project from obligating until the funding issues are worked out 1/26/09			02/28/08		02/12/09	50	04/03/09		
2009	KENT	Grand Rapids	Citywide	Citywide	0	Miscellaneous	signal optimization	PE		285	CM	0		71	CITY	357	102425		12/06/07						01/31/08		07/09/09	357			
2009	KENT	MDOT	M-21	over the Grand River	0	Bridge Replacement	Bridge Replacement	UTL		10	BRT	2	M	0		12	79083									08/20/09	12				
2009	KENT	MDOT	M-44 CONN	I-96 to Airway St	2.656	Resurface	Mill, Det 8's, Two Crse Resurf	PE		325	EBSL	72	M	0		397	105712		09/03/09	AD					09/15/09		09/16/09	397			
2009	KENT	MDOT	M-11	M-37 East to I-96 (Gap Patterson Ave)	2.335	Restore and Rehabilitate	Mill, Jnts, Rsrfr; Conc Recon	PE		573	NH	127	M	0		700	105714		09/03/09	AD					09/15/09		09/16/09	700			
2009	KENT	MDOT	Countywide	Countywide	0	Traffic Operations	2009 ITS Maintenance	EPE		484	CM	121	M	0		605	108242					see JN 107924 The maintenance is separated into three contracts for finance purposes. Emissions reported under 107924					09/21/09	605			
2009	KENT	Grand Rapids	Oxford St	ALONG OXFRD,BTRWRTJ&PK	3.2	Roadside Facility	RENOVTN	CON		1,198	STE	0		300	CITY	1,498	50958		02/05/09	AD					03/20/09		03/26/09	1,499			
2009	KENT	Kent County	Segwun Avenue	Segwun Avenue	0	Traffic Operations	Add center left turn lanes	CON		148	STH	0		84	CNTY	232	105017									05/05/09	232	06/25/09			

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2009	KENT	MDOT	TSC Wide	Grand Rapids TSC	0	Miscellaneous	Road Scoping FY 2009	EPE		0		76	M	0		76	104943											10/16/08	76			Program Development Scoping
2009	KENT	Interurban Transit Partnership (RAPID)	Areawide	Kent County	0.1	Transit	Additional Van	CON		38	STL	9	M	0		47	107186		07/08/07	AD					01/31/08		06/23/09	47			RTF	
2009	OTTAWA	MDOT	Countywide	Grand River Watershed	0.01	Miscellaneous	Wetland Mitigation Bank Site	PE		115	EBSL	25	M	0		140	107961										08/27/09	140			EPE/PE/ROW	
2009	OTTAWA	Ottawa County	24th Avenue	24th Avenue	0	Traffic Operations	Intersection realignment	CON		318	STH	0		80	CNTY	398	105051										05/15/09	346	07/10/09		Local Highway Safety	
2009	OTTAWA	MDOT	I-96	Over M-11 WB	0.001	Bridge Other	P/H, substructure rprs, z-pnt	SUB		5	BHI	1	M	0		6	106156		08/07/08						09/19/08		05/01/09	6			Trunkline Bridge CPM CSM	
2009	OTTAWA	MDOT	M-121	City of Hudsonville, 32nd and 36th Avenue	0	Traffic Operations	RR Force Account Work	CON		0		30	MRR	0		30	108276										09/25/09	30			Trunkline Rail Crossings	
2009	OTTAWA	MDOT	I-196 WB	32nd Avenue east to Kenowa Avenue	4.492	Resurface	Mill, Joints & HMA Resurface	CON		818	IM	91	M	0		909	105483		04/02/09	CO				05/05/09		06/09/09	783	07/10/09			Trunkline Road CPM	
2009	OTTAWA	Ottawa County	48th Avenue	From Chicago Drive to Bauer Road	4.672	Resurface	Resurface and shoulder	CON		1,450	ARU	0		332	CNTY	1,782	106271		03/18/09	AD				04/06/09		04/17/09	1,287	06/05/09				
2009	OTTAWA	MDOT	I-96	Over M-11 WB	0.001	Bridge Other	P/H, substructure rprs, z-pnt	CON		530	AR	0		0		530	106156		04/22/09	AD				05/05/09		09/17/09	297					

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2009	State Wide	MDOT	TSC Wide	TSC Wide	0	Miscellaneous	PE For Consultant Services	PE		74	ST	16	M	0		90	106012										04/16/09	90			EPE/PE/ROW
2009	State Wide	MDOT	Region Wide	Emergency Incident Route Signs for M-6 and I-96	0	Traffic Operations	Emergency Incident Route Signs	PE		6	STG	0		0		6	107923									08/26/09	6			Trunkline Highway Safety	
2009	State Wide	MDOT	Region Wide	Emergency Incident Route Signs for M-6 and I-96	0	Traffic Operations	Emergency Incident Route Signs	CON		94	STG	0		0		94	107923									09/16/09	94			Trunkline Highway Safety	
2009	State Wide	MDOT	TSC Wide	TSC Wide	0	Miscellaneous	PE For Consultant Services	PE		37	EBSL	8	M	0		45	106102									08/26/09	45			Trunkline Road CPM	
2009	State Wide	MDOT	Area Wide	Grand Rapids Metropolitan Area	0	Miscellaneous	Deploy misc ITS technologies	CON		8,864	HPSL	1,795	M	171	CITY	10,830	100492		06/05/08						07/15/08		12/18/08	8,423	02/06/09		
2009	State Wide	MDOT	Area Wide	Kent and Ottawa Counties	0	Miscellaneous	ITS Infrastructure Maintenance	CON		100	CM	25	M	0		125	103327									05/05/09	125				
2009	State Wide	MDOT	Area Wide	Kent and Ottawa Counties	0	Miscellaneous	ITS Operations	CON		80	CM	20	M	0		100	103331									05/06/09	100				
2009	State Wide	MDOT	Area Wide	Kent and Ottawa Counties	0	Miscellaneous	ITS Control Room Operations	CON		280	CM	70	M	0		350	100741									05/06/09	350				
2009	State Wide	MDOT	Regionwide	Regionwide	0	Traffic Operations	WMTMC Ops 2009	EPE		320	CM	80	M	0		400	108243									09/21/09	400				reported with JN 107932...This job had to be split out for contract purposes.
2009	State Wide	MDOT	Areawide	Numerous locations in West Michigan	0.001	Miscellaneous	Install Dynamic Message Signs	PE		164	ST	36	M	0		200	105799		05/12/09	AD					05/12/09	05/13/09	200				
2009	State Wide	Grand Valley Metropolitan Council	Areawide	Grand Rapids Urbanized Area	0	Miscellaneous	Planning	EPE		804	PL	0		178	CITY	982	108102									09/17/09	982				Metro Planning
2009	Kent	ITP	Expand/Renovate	Regionwide		Transit facility	Wealthy Expansion Renovation	T-Cap		4,358	5307	1,089	CTF			5,447			5/7/09		Exempt				5/20/09	8/31/09					
2009	Kent	ITP	Replacement Vehicles	Regionwide		Transit vehicle replacement	Replace Buses (21)	T-Cap		5,578	5309	1,394	CTF			6,972			5/7/09		Exempt				5/20/09	09/18/09					
2009	Kent	ITP	ITS	Regionwide		Miscellaneous	Intelligent Transportation Sys.	T-Cap		2,745	5309	686	CTF			3,431			5/7/09		Exempt				5/20/09	Abandoned					
2009	Kent	ITP	Replacement Vehicles	Regionwide		Transit vehicle replacement	Paratransit Vehicles (13)	T-Cap		769	5307	192	CTF			961			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Expand Vehicles	Regionwide		Transit vehicle additions	Paratransit Vehicles (2)	T-Cap		117	5307	29	CTF			147			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Cap. Mainten.	Regionwide		Transit facility	Associated Capital Maintenance Items	T-Cap		668	5307	167	CTF			835			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Prev. Mainten.	Regionwide		Miscellaneous	Preventive Maintenance	T-Cap		4	5307	1	CTF			5			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Bus Tire Lease	Regionwide		Transit facility	Bus Tire Lease	T-Cap		101	5307	25	CTF			126			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Rehab Adm/Main	Regionwide		Transit facility	Rehabilitation Admin/Main Facility	T-Cap		2	5307	0	CTF			2			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Project Admin.	Regionwide		Miscellaneous	Project Administration	T-Cap		80	5307	20	CTF			100			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Pass. Shelters	Regionwide		Transit facility	Passenger Shelters	T-Cap		160	5307	40	CTF			200			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Signs	Regionwide		Transit facility	Bus Stop Signs	T-Cap		8	5307	2	CTF			10			4/2/09		Exempt	This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Planning	Regionwide		Planning and research	Planning Funds	T-Cap		413	5307	52	CTF	52	TRAL	516			4/2/09		Exempt	Local Funds from ITP. This change was previously omitted in error.			5/20/09	8/31/09					
2009	Kent	ITP	Division Avenue Bus Rapid Transit project	Transit Terminal to 60th Street	10	Transit facility	New Bus Rapid Transit route	T-Cap		1,628	5309	407	CTF			2,035			12/4/08		Exempt				12/18/08	9/18/09					

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Required Fields		Optional Fields																													
Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Advance Construct	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Local ID No.	MPO/Rural Approval Date	Amendment Type	Air Quality	Comments	Local Priority	EJ	Federal Approval Date	Capped Federal Cost (\$1000s)	Date Obligated	Amount Obligated (\$1000s)	Let Date	Other	GPA / Line Item
2009	Kent	ITP	Free Fare on OA Days	Areawide		Transit operations	Free Fares on Ozone Action Days	T-Ops		88	CM	22	CTF			110	102418		12/6/07		Exempt				1/31/08		9/8/09				
2009	Kent	ITP	Replacement Vehicle	Areawide		Transit vehicle replacement	Replace 1 40' bus with Clean Diesel Bus	T-Cap		312	CM	78	CTF			390	102419		12/6/07		Exempt				1/31/08		9/8/09				
2009	Kent	ITP	Security Equip.	Regionwide		Transit operations equipment	Surveillance/Security Equipment	T-Cap		132	5307	33	CTF			165			7/9/07		Exempt				4/16/08		8/31/09				
2009	Kent	ITP	JARC	Regionwide		Transit operations	Job Access/Reverse Commute	T-Ops		218	5316	218	CTF			437			7/9/07		Exempt	JARC			1/31/08		7/20/09				
2009	Kent	ITP	Service Vehicles	Regionwide		Transit vehicle additions	Service Vehicles	T-Cap		60	5307	15	CTF			75			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	A & E	Regionwide		Transit facility	Architecture and Engineering	T-Cap		188	5307	47	CTF			235			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Shop Equip.	Regionwide		Transit operations equipment	Shop Equipment	T-Cap		54	5307	14	CTF			68			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Office Fur/Equip	Regionwide		Transit operations equipment	Office Furniture/Equipment	T-Cap		12	5307	3	CTF			15			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Fac. Equip.	Regionwide		Transit facility	Facility Equipment	T-Cap		100	5307	25	CTF			125			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Comp. Hardware	Regionwide		Transit operations equipment	Computer Hardware	T-Cap		46	5307	12	CTF			58			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Comp. Software	Regionwide		Transit operations equipment	Computer Software	T-Cap		28	5307	7	CTF			35			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Misc. Equip.	Regionwide		Transit operations equipment	Miscellaneous Support Equipment	T-Cap		44	5307	11	CTF			55			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	ADA Veh. Equip.	Regionwide		Transit operations equipment	ADA Vehicle Equipment	T-Cap		164	5307	18	CTF			182			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Storage	Regionwide		Transit operations equipment	Storage/Shelving Units	T-Cap		20	5307	5	CTF			25			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	ITS	Regionwide		Miscellaneous	Intelligent Transportation Sys.	T-Cap		1	5307	0	CTF			1			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Contingency	Regionwide		Miscellaneous	Miscellaneous Contingencies	T-Cap		80	5307	20	CTF			100			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Contract	Regionwide		Miscellaneous	Capital Costs of Contracting	T-Cap		400	5307	100	CTF			500			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Displays	Regionwide		Transit facility	Information Displays	T-Cap		8	5307	2	CTF			10			7/9/07		Exempt				1/31/08		8/31/09				
2009	Kent	ITP	Vehicle	Rural Area		Transit vehicle additions	Paratransit Van			38	ST	9	CTF			47			7/9/07		Exempt	Rural			1/31/08		9/8/09				
2009	Kent	ITP	Wealthy Operations Expansion/Renovation	Regionwide		Transit facility	Renovate/Expand Transit Center	T-Cap		10,603	A307					10,603			3/18/09		Exempt				4/6/09		08/03/09				
2009	Kent/Ottawa	ITP	Expand Vehicles	Regionwide		Transit vehicle additions	Vanpool Program Expansion (8 new vehicles)	T-Cap		162	CM	41	CTF			203	102421		12/6/07		Exempt				1/31/08		9/8/09				
2009	Kent/Ottawa	ITP	Rideshare	Regionwide		Transit operations	Rideshare Program (includes \$125,000 GVMC, \$6,500 MACC, \$7,500 Allegan)	T-Ops		147	CMG					147	102422		12/6/07		Exempt				1/31/08		9/8/09				
2009	Kent	American Red Cross	Conversion Vans W/ Lifts	Areawide		Transit vehicle additions	Purchase 3 Conversion Vans w/ Lifts	T-Cap		96	5310	24	CTF			120			2/7/08		Exempt				1/31/08		9/25/09				
2009	Kent	American Red Cross	(7) Passenger Vans	Areawide		Transit vehicle additions	Purchase 2 (7) Passenger Vans	T-Cap		54	5310	14	CTF			68			2/7/08		Exempt				1/31/08		9/25/09				
2009	Kent	Hope Network	Cutaway Buses	Areawide		Transit vehicle additions	Purchase 4 Buses	T-Cap		208	5310	52	CTF			260			2/7/08		Exempt				1/31/08		9/25/09				
2009	Kent	Hope Network	Vans	Areawide		Transit vehicle additions	Purchase 2 Vans	T-Cap		38	5310	10	CTF			48			2/7/08		Exempt				1/31/08		9/25/09				
2009	Kent	Hope Network	Minivans	Areawide		Transit vehicle additions	Purchase 4 Minivans	T-Cap		77	5310	19	CTF			96			2/7/08		Exempt				1/31/08		9/25/09				
2009	Kent	Hope Network	Vehicle	Rural Area		Transit vehicle additions	Van			44	ST	11	CTF			55	107171		7/9/07		Exempt	Rural			1/31/08		9/25/09				
2009	Kent	Senior Neighbors	(7) Passenger Vans	Areawide		Transit vehicle additions	Purchase 2 (7) Passenger Vans	T-Cap		40	5310	10	CTF			50			2/7/08		Exempt				4/16/08		9/25/09				
2009	Kent	Senior Neighbors	Cutaway Buses	Areawide		Transit vehicle additions	Purchase 2 Buses	T-Cap		101	5310	25	CTF			126			2/7/08		Exempt				4/16/08		9/25/09				
2009	Kent	Senior Neighbors	iphones with GPS	Areawide		Transit operations equipment	Purchase 4 iPhones with GPS	T-Cap		1	5310	0	CTF			2			2/7/08		Exempt				4/16/08		9/25/09				
2009	Kent	United Methodist Community House	Cutaway Buses	Areawide		Transit vehicle additions	Purchase 3 Buses	T-Cap		180	5310	45	CTF			225			2/7/08		Exempt				4/16/08		9/25/09				

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2009	Kent	United Methodist Community House	Maintenance Equipment	Areawide		Transit maintenance equipment and parts	Purchase Maintenance Equipment	T-Cap		2	5310	1	CTF			3			2/7/08		Exempt				4/16/08		9/25/09				
2009	Kent	United Methodist Community House	Computers	Areawide		Transit operations equipment	Purchase 4 Computers	T-Cap		8	5310	2	CTF			10			2/7/08		Exempt				1/31/08		9/25/09				

Illustrative Projects

The Transportation Improvement Program can include a priority list of proposed federally supported projects and strategies to be carried out within each four-year period after the initial adoption of the Transportation Improvement Program. The Transportation Improvement Program may include, for illustrative purposes, additional projects that would be included in the approved Transportation Improvement Program if reasonable additional resources beyond those identified in the financial plan were available.

