

**FY 2011 – 2014**  
**Transportation Improvement Program**  
For the Twin Cities Area Transportation Study  
(TwinCATS)

July 2010



Prepared by the  
Southwest Michigan Planning Commission  
185 East Main Street, Suite 701  
Benton Harbor, Michigan 49022

(269) 925-1137

<http://www.swmpc.org/twincats.asp>

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## List of Acronyms Used in this Document

BR.....	Business Route
CO.....	Carbon Monoxide
FAE.....	Federal Aide Eligible
FHWA.....	Federal Highway Administration
FTA.....	Federal Transit Administration
FY.....	Fiscal Year
GPA.....	General Programs Account
IN.....	Indiana
LRP.....	Long Range Plan
MAB.....	Metropolitan Area Boundary
MACOG.....	Michiana Area Council of Governments
MCD.....	Minor Civil Division
MDOT.....	Michigan Department of Transportation
MI.....	Michigan
MPO.....	Metropolitan Planning Organization
NAAQS.....	National Ambient Air Quality Standards
NATS.....	Niles-Buchanan-Cass Area Transportation Study
NB.....	North Bound
NO <sub>2</sub> .....	Nitrogen Dioxide
O <sub>3</sub> .....	Ozone
Pb.....	Lead
PM <sub>2.5</sub> .....	Breathable Particle Matter 2.5 Microns
PM <sub>10</sub> .....	Breathable Particle Matter 10 Microns
SB.....	South Bound
SIP.....	State Implementation Plan
SO <sub>2</sub> .....	Sulfur Dioxide
STIP.....	State Transportation Improvement Program
SWMPC.....	Southwest Michigan Planning Commission
TAC.....	Technical Advisory Committee
TIP.....	Transportation Improvement Program
U.S. EPA.....	United States Environmental Protection Agency

This document regularly refers to other files and forms located on the Southwest Michigan Planning Commission (SWMPC) website, [www.swmpc.org](http://www.swmpc.org). Any information found on the website can also be obtained by contacting the SWMPC at:

185 E. Main Street, Suite 701  
 Benton Harbor, MI 49022  
 Phone: 269.925.1137  
 Fax: 269.925.0288

## I. Introduction

### Overview of the Transportation Improvement Program (TIP)

Federal legislation tells us that the metropolitan transportation planning process shall include development of a transportation improvement program (TIP) by the Metropolitan Planning Organization (MPO), in cooperation with the State and public transit operators. This TIP must be updated at least every two years and be approved by the MPO and the Governor. The TIP shall cover a period of no less than four years, shall be financially constrained by year, and include a financial plan that demonstrates which projects can be implemented using current revenue sources and which projects are to be implemented using proposed revenue sources. Only projects for which construction and operating funds can reasonably be expected to be available may be included. This TIP covers fiscal years 2011-2014 (October 1, 2010 – September 30, 2014).

The TIP shall:

- Include all transportation projects (including pedestrian walkways, transit, bicycle transportation facilities, and transportation enhancement projects) within the metropolitan planning area proposed for funding under title 23 U.S.C. and the Federal Transit Act;
- Be consistent with the Long Range Transportation Plan;
- Include all regionally significant transportation projects for which Federal Highway Administration (FHWA) or the Federal Transit Administration (FTA) approval is required, whether or not the projects are to be funded with title 23 U.S.C. or Federal Transit Act funds;
- Include, for information purposes in air quality non-attainment and maintenance areas, all regionally significant transportation projects proposed, whether funded with federal or non-federal funds.

All projects that fit into the categories above shall include:

- Sufficient descriptive material (i.e. type of work, termini, length, etc.) to identify the project or phase as well as to permit air quality analysis in accordance with the U.S. EPA conformity requirements;
- Estimated total cost;
- The amount of federal funds proposed to be obligated during each program year;
- The proposed source of the recipient/sub-recipient and State and local agencies responsible for carrying out the project;
- In areas with Americans with Disabilities Act required paratransit and key station plans, identification of those projects which will implement the plans.

For those projects proposed for FHWA and/or FTA funding that are not considered by the State and MPO to be of appropriate scale for individual identification in a give program year may be grouped by function, geographic area, and work type using applicable classifications. These projects are called General Program Accounts (GPA). In air quality non-attainment and maintenance areas, classifications must be consistent with the exempt project classifications contained in the U.S. EPA conformity requirements.

### TwinCATS Project Selection and Prioritization Procedure

The project selection process had two phases. First, project selection was begun for a FY 2010-2013 Transportation Improvement Program in 2009. Then the Michigan Department of Transportation determined that a FY 2011-2014 Transportation Improvement Program would be created instead. The projects that had been selected for the year 2010 and 2011 were amended into the current FY 2008-2011 TIP for the years 2010 and 2011. The process was halted. Then in the fall of 2009 the project selection

process began for the FY 2011-2014 TIP.

When the second round of project selection began, all of the funding for the years 2011 through 2013 had already been allotted to projects in the previous round of project selection. Therefore, at the project selection meeting held in February 2010, projects were selected for FY 2014, and the Illustrative List of projects was expanded. The Illustrative List contains projects that the local agencies within TwinCATS hope to accomplish but for which funding has not been allocated.

The timeline for TIP development is shown in the table below. The projects were selected by the TIP Project Selection Subcommittee, made up of five to six volunteer TwinCATS members. These subcommittee members consist of engineers and technicians representing local and county road agencies, MDOT, and Twin Cities Area Transportation Authority.

**Table 1. Timeline of TIP Development**

Fall 2008	Previous TIP project application was updated to be used for 2010-2013 TIP projects
January 2009	Call for FY 2010-2013 TIP projects was announced to communities in TwinCATS area
February 2009	FY 2010-2013 TIP Project Selection meeting was held <ul style="list-style-type: none"> <li>• TIP projects were selected</li> <li>• “Illustrative List” of projects was written</li> <li>• “Illustrative List” for potential economic stimulus projects was written</li> </ul>
October 2009	TIP Project Selection subcommittee reconvened and approved a new electronic version of the TIP project application with added questions
November 2009	Full TwinCATS committees approved new TIP project application Full TwinCATS committees approved “What’s Important to You in Transportation Projects?” survey
December 2009	Call for FY 2011-2014 TIP projects was announced to communities in TwinCATS area “What’s Important to You in Transportation Projects?” survey was administered to public and to TwinCATS members
January 2010	Results of survey were compiled TIP project applications were collected and scored
February 2010	FY 2011-2014 TIP Project Selection meeting was held <ul style="list-style-type: none"> <li>• FY 2010-2013 TIP projects were reviewed</li> <li>• FY 2014 TIP projects were selected</li> <li>• “Illustrative List” of projects was written</li> <li>• Illustrative List” for potential economic stimulus projects was written</li> </ul>
April 2010	Full TwinCATS committees approved draft list of TIP projects for FY 2011-2014
May 2010	Environmental analysis, environmental justice analysis, public input, and inter-agency consultation were conducted.
June 2010	Full TwinCATS committees approved final FY 2011-2014 TIP document
July 2010	Full Southwest Michigan Planning Commission board approved final FY 2011-2014 TIP document TwinCATS FY 2011-2014 Transportation Improvement Program final document was submitted to Michigan Department of Transportation, Federal Highway Administration, and Federal Transit Administration

The second round of project selection used a new electronic TIP project application (Appendix D), with

added questions for environmental mitigation, environmental justice, and public participation. The TIP Project Selection subcommittee uses the TIP project application to evaluate the proposed projects according to how well they meet the goals of the TwinCATS Long Range Transportation Plan. (A new long range transportation plan for horizon year 2035 was finished between the first and second rounds of TIP project selection.) Both the old and the new TIP project application are divided into categories based on the long range plan goals, such as:

- Economic Vitality
- Safety Conscious Planning and System Security
- Multimodalism
- Infrastructure Preservation
- Environmental and Social Consideration
- Environmental Justice
- Public Participation
- Planning Support / Planning Coordination

In both rounds of project selection, the SWMPC transportation planning staff scored the answers on the TIP project application for each project, to create a score of how well the project fit the goals of the long range plan. In the first round of project selection, one point was scored for each “Yes” answer on each question on the application. The scores were presented to the TIP project selection committee for consideration in prioritizing the projects, along with the traffic counts, road condition ratings, local financial contribution for the projects, and equitable geographic distribution of funds.

In the second round of project selection (for FY 2014 projects), a survey was conducted called “What’s Important to You in Transportation Projects?” The survey asked TwinCATS members and members of the general public to prioritize the categories above. The results of the survey were then used to provide weights for the goal categories (in the bulleted list above) when scoring the projects. The projects that answered “Yes” to questions in the categories considered most important for the public or the TwinCATS members received a higher score. Separate scores were assigned to each project based on the priorities of the public and the priorities of the TwinCATS members. For more detail about the survey results, please see *Twin Cities Area Transportation Study: What’s Important to You in Transportation Projects? Survey Results Publication*, January 2009.

### **Amendment to the TIP**

The TIP may be amended at any time consistent with the procedures established in federal legislation. The agency responsible for the project proposed to be added to the TIP will fill out a TIP Amendment Form, which can be found at [http://www.swmpc.org/tcats\\_tipapp.asp](http://www.swmpc.org/tcats_tipapp.asp). In non-attainment and maintenance areas for transportation related pollutants, if the TIP is amended, by adding or deleting projects which contribute to and/or reduce transportation related emissions, or replaced with a new TIP, new conformity determinations by the MPO and the FHWA and the FTA will be necessary. Public involvement procedures outlined in the SWMPC Public Participation Plan, which can be found online at <http://www.swmpc.org/participation.asp> or by contacting the SWMPC, shall be utilized. In some cases administrative amendments (modifications) can be made to the TIP without following the full amendment process laid out in the Participation Plan. These scenarios are explained in detail in Section VIII: Amendment Procedures.

### **Relationship to the Statewide TIP (STIP)**

After approval by the MPO and the Governor, the TIP shall be included without modification, directly or

by reference, in the STIP program, except that in non-attainment and maintenance areas, a conformity finding by the FHWA and the FTA must be made before it is included in the STIP. After approval by the MPO and the Governor, a copy shall be provided to the FHWA and the FTA. The state shall notify the MPO when a TIP including projects under the jurisdiction of these agencies has been included in the STIP.

**Action Required by FHWA/FTA**

The FHWA and FTA must jointly find that each metropolitan TIP is based on a continuing, comprehensive transportation process carried on cooperatively by the state, MPO, and transit operator in accordance with the provisions of 23 U.S.C. 134 and Section 8 of the Federal Transit Act (49 U.S.C. app. 1607). This finding shall be based on the self-certification statement submitted by the State and MPO under Section 450.334 and upon other reviews as deemed necessary by the FHWA and FTA.

If the TIP is found to conform to the STIP, the Governor/MPO shall be notified of the joint finding. After the FHWA and the FTA find the TIP to be in conformance, the TIP shall be incorporated, without modification, into the STIP directly or by reference.

## II. TwinCATS Overview

The Twin Cities Area Transportation Study (TwinCATS) metropolitan area boundary (MAB) for the urban transportation planning activities includes:

- City of Benton Harbor
- City of Bridgman
- City of St. Joseph;
- Village of Grand Beach\*
- Village of Michiana\*
- Village of Shoreham
- Village of Stevensville
- Benton Charter Township
- Lake Charter Township
- Lincoln Charter Township
- Royalton Township
- St. Joseph Charter Township
- Sodus Township.

A map of the TwinCATS area can be found on the next page.

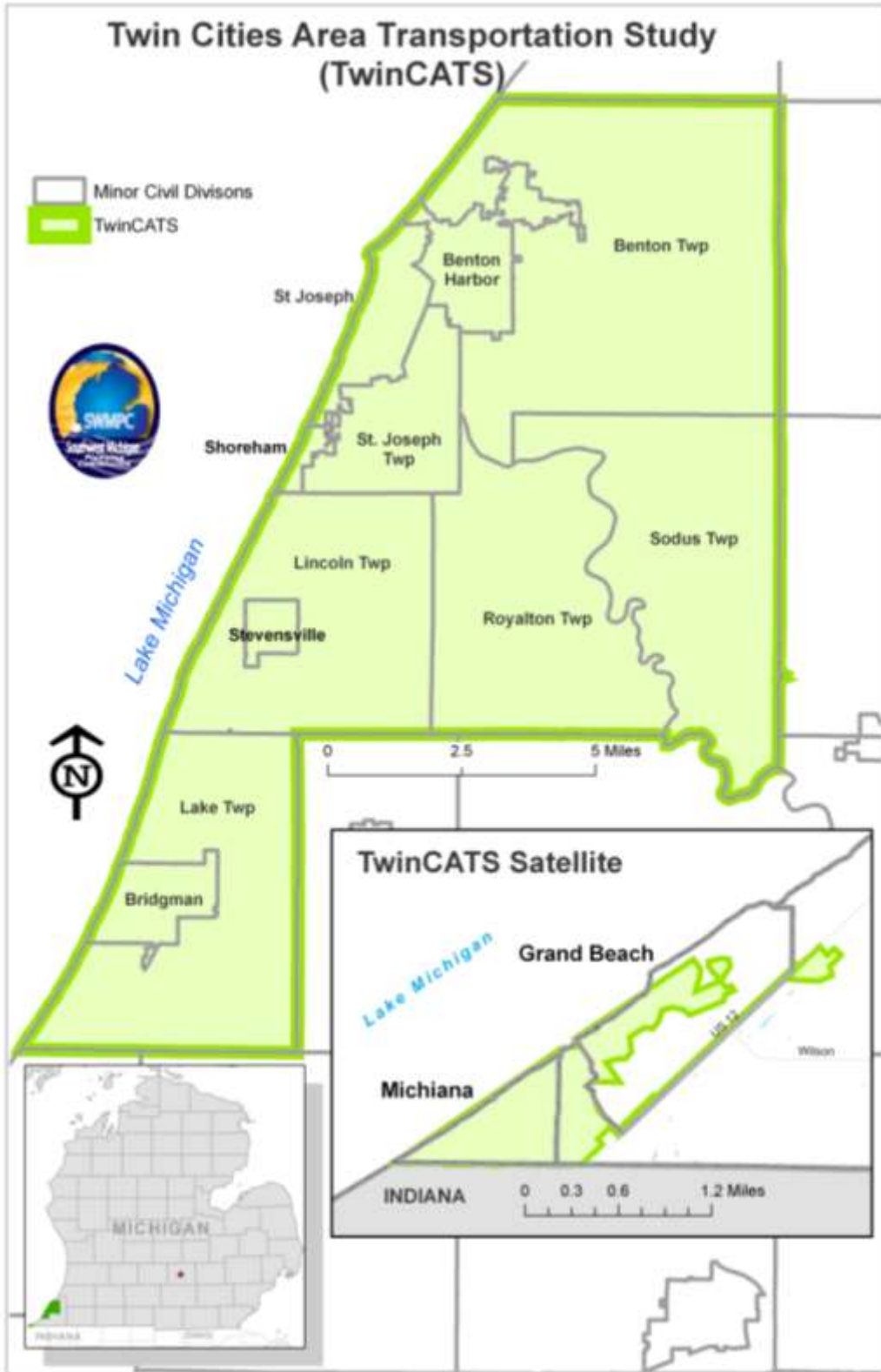
\*The Villages of Grand Beach and Michiana were the most recent additions to the TwinCATS MPO. Because the MPO boundary is not contiguous, this area is called the TwinCATS satellite. These villages have been designated by the U.S. Census as being a part of the Northern Indiana Regional Planning Commission (NIRPC) urbanized area and therefore needing transportation planning. However, because this portion of the NIRPC urbanized area is located in Michigan, the SWMPC and NIRPC entered into an agreement that SWMPC would provide transportation planning services to the Grand Beach/Michiana area. To make a decision whether to put this area in with the TwinCATS urbanized area or the Niles-Buchanan-Cass-Area Transportation Study (NATS), the characteristics of both urbanized areas were reviewed. It was decided that the Grand Beach/Michiana area would be a satellite of TwinCATS, not NATS, because of the similar characteristics with TwinCATS (located on Lake Michigan). It is suspected that this area will expand with the 2010 U.S. Census due to the addition of the new Four Winds Casino in New Buffalo.

Agencies responsible for projects in the TwinCATS area include:

- City of Benton Harbor
- City of St. Joseph
- City of Bridgman
- Village of Grand Beach
- Village of Michiana
- Village of Shoreham
- Village of Stevensville
- Berrien County Road Commission
- Twin Cities Area Transportation Authority
- Michigan Department of Transportation (MDOT) is responsible for all state highway projects.

Townships do not receive Act 51 funding and therefore work with the Road Commission to develop and implement road projects.

Map 1: TwinCATS Urbanized Area



### **III. Financial Plan**

#### **Ongoing Operation and Maintenance of the Transportation System**

The transportation system that this FY 2011-2014 TIP addresses includes the road portion and the public transit portion within the TwinCATS urbanized area. For the public transit portion of the transportation system, the TIP projects listed contain both capital and operating items for the continuing operation and maintenance of demand-response and fixed-route transit service within the TwinCATS urbanized area. The fiscal constraint table for public transit summarizes the revenue and commitments for public transit. Since all of the costs to operate and maintain the public transit system in the TwinCATS urbanized area are contained in this document, continuing operations and maintenance of public transit through the life of the TIP is demonstrated.

The road portion of the transportation system in the TwinCATS urbanized area is made up of public streets and highways that are maintained by MDOT, the Berrien County Road Commission, the Cities of Benton Harbor, Bridgman, and St. Joseph, as well as the Villages of Grand Beach, Michiana, Shoreham, and Stevensville. These agencies receive Act 51 funding from the State of Michigan to operate and maintain the road system, which is separate from the federal funding allocated to projects identified in this TIP.

Data obtained from Act 51 reports for each jurisdiction in TwinCATS has been compiled and aggregated and is shown in Table 1 below. The table illustrates the amount that all agencies report having spent on major and local streets in 2009. These expenditures are divided into construction, maintenance, and other (administration). The last column in the table is the total revenue that agencies received in fiscal year 2009. This revenue primarily consists of Michigan Transportation Fund (Act 51) monies and interest collected on unused Act 51 funds. Revenues can also include tax levies, special assessments from property owners, and other grants.

#### **Funding, Project Estimates, and Inflation Factors**

Generally, MDOT provides federal funding estimates to the MPO using a two percent growth factor for each future year. This two percent growth rate assumption was derived cooperatively with MDOT, FHWA, and Michigan MPOs and is roughly consistent with anticipated revenue derived from federal authorizations.

In addition, MDOT provides funding estimates for general program accounts (GPA), which represent groups of projects in various categories. GPA accounts include: Highway Safety (Trunkline), Capital Preventative Maintenance (Trunkline), Capital Preventative Maintenance (Bridge Trunkline), Trunkline/Rail Crossings, Preliminary Engineering (PE)/Right of Way acquisition (ROW), Local Bridge, Enhancements (Trunkline), Enhancements (Local), Local Rail Crossings, and Local Safety. Federal funding estimates are also provided by the FTA, as described in the previous section.

As explained in the previous section, each of the Act 51 agencies (cities, villages, and counties) receives state motor fuel tax from the Michigan Transportation Fund (MTF), known as Act 51 funding, to be used for transportation projects. As with federal dollars, these funds are presumed to increase at a rate of two percent annually. Transit agencies receive funds from the Comprehensive Transportation Fund (CTF) for both operating and capital expenditures. These funds are estimated to grow at a rate of two percent annually.

In general, local projects are funded using approximately 80 percent federal funding and 20 percent non-

federal funding. The non-federal portion can come from state or local sources. Local funding is derived from a variety of sources including taxes (Act 51 funds, general fund, dedicated millages, special assessments, tax increment finance districts, etc.), fees, interest, and other miscellaneous revenue. Like the federal and state funds, local funds can be expected to increase at a rate of two percent annually.

In order to determine cost estimates, SAFETEA-LU mandates that estimates must use an inflation rate to reflect year of expenditure dollars, based on reasonable financial principles and information developed cooperatively by the MPO, MDOT, and transit operators. In the TwinCATS area, it has been determined that local project costs will be estimated by responsible agencies, who have applied an inflation rate (generally around five percent) based on the local and regional information and future estimates of conditions. It has also been noted that asphalt pricing has experienced double digit percent increases in recent years, and this factor contributes greatly to project cost estimates. Despite this increase, and owing to the flexibility of maintenance decisions, operations and maintenance expenditures are assumed to hold constant at their 2009 levels. All project costs listed in tables below reflect “year of construction” dollars.

Projects and funding identified for the FY 2011-14 TIP are shown in the tables below. Table 3 shows estimated local revenues and expenditures across all TwinCATS agencies; Table 4 shows the distribution of funds, by funding source, for the four years of the TIP; Table 5 is the project list for FY 2011-2014; and Table 6 is a list of the illustrative projects in the TwinCATS region. Illustrative projects are those which are not funded in any specific year, but which may be administratively amended into the TIP by transportation planning staff if the funding for it becomes available.

**Table 2. Expense & Revenue Totals across TwinCATS Agencies - FY2009**

<b>Expenditures on Construction</b>	<b>Expenditures on Maintenance / Heavy Maintenance</b>	<b>Other Expenditures</b>	<b>Total Expenditures</b>	<b>Total Revenues</b>
\$8,850	\$18,553,309	\$651,526	\$19,213,685	\$18,955,058

**Table 3. Projection of Revenues and Expenditures**

<b>Fiscal Year</b>	<b>Total Revenues<sup>1</sup></b>	<b>Local Funds Designated for TIP Projects<sup>2</sup></b>	<b>Local Funds Spent on Operations, Maintenance, and Miscellaneous Uses<sup>3</sup></b>	<b>Total Expenditures<sup>4</sup></b>	<b>Difference Between Revenues and Expenditures</b>
<b>2009</b>	\$18,955,058	\$205,018	\$19,008,667	\$19,213,685	(\$53,609)
<b>2010</b>	\$19,334,159	--	\$19,008,667	--	--
<b>2011</b>	\$19,720,842	\$940,312	\$19,008,667	\$20,716,929	(\$228,137)
<b>2012</b>	\$20,115,259	\$372,950	\$19,008,667	\$20,545,099	\$733,642
<b>2013</b>	\$20,517,564	\$1,619,645	\$19,008,667	\$22,195,237	(\$110,748)
<b>2014</b>	\$20,927,916	\$0	\$19,008,667	\$20,987,104	\$1,919,249

1: Total Revenues are based 2009 Act 51 reports, with a projected 2% annual increase for each subsequent year.

2: Local Funds Designated for TIP Projects are taken from the FY 2008-11 TIP (2009) and the current TIP (years 2011-14).

3: Local Funds Spent on Operations, Maintenance, and Miscellaneous Uses are calculated for 2009 by subtracting Local Funds Designated for TIP Projects from calculated total expenditures. These O & M funds are assumed to stay constant over the course of the TIP years.

4: Total Expenditures are calculated by agency reports for 2009 and calculated as the sum of local TIP project funds and estimated O & M funds for 2011-2014.

**Table 4a. Fiscal Constraint Demonstration (FY 2011-2012)**

06/21/10	2011				2012			
	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
<b>Highway Program</b>								
MDOT FA Program	\$890,756	\$73,683	\$964,439	\$964,439	\$15,392,960	\$1,713,044	\$17,106,004	\$17,106,004
Sub-Total MDOT	\$890,756	\$73,683	\$964,439	\$964,439	\$15,392,960	\$1,713,044	\$17,106,004	\$17,106,004
Local STP	\$1,047,233	\$257,012	\$1,304,245	\$1,304,245	\$1,080,100	\$372,950	\$1,453,050	\$1,453,050
Local CMAQ	\$0	\$0	\$0	\$0	\$162,000	\$40,500	\$202,500	\$202,500
Local AC Starts		\$683,300	\$683,300	\$683,300		\$0	\$0	\$0
<b>Sub-Total Local</b>	<b>\$1,047,233</b>	<b>\$940,312</b>	<b>\$1,987,545</b>	<b>\$1,987,545</b>	<b>\$1,242,100</b>	<b>\$413,450</b>	<b>\$1,655,550</b>	<b>\$1,655,550</b>
<b>Total Highway</b>	<b>\$1,937,989</b>	<b>\$1,013,995</b>	<b>\$2,951,984</b>	<b>\$2,951,984</b>	<b>\$16,635,060</b>	<b>\$2,126,494</b>	<b>\$18,761,554</b>	<b>\$18,761,554</b>
<b>Transit Fund Source</b>								
Section 5307 - UZA Formula	\$857,600	\$1,099,400	\$1,957,000	\$1,957,000	\$710,000	\$1,072,619	\$1,782,619	\$1,782,619
Section 5316 - Job Access/Reverse Commute	\$194,322	\$194,322	\$388,644	\$388,644	\$0	\$0	\$0	\$0
Section 5317 - New Freedom Initiative	\$75,000	\$0	\$75,000	\$75,000	\$0	\$0	\$0	\$0
<b>Total Transit</b>	<b>\$1,126,922</b>	<b>\$1,293,722</b>	<b>\$2,420,644</b>	<b>\$2,420,644</b>	<b>\$710,000</b>	<b>\$1,072,619</b>	<b>\$1,782,619</b>	<b>\$1,782,619</b>
<b>Grand Total</b>	<b>\$3,064,911</b>	<b>\$2,307,717</b>	<b>\$5,372,628</b>	<b>\$5,372,628</b>	<b>\$17,345,060</b>	<b>\$3,199,113</b>	<b>\$20,544,173</b>	<b>\$20,544,173</b>

Notes:

1. Estimated federal revenue is apportionment (not obligation authority). It includes all phases for each trunkline and local project.
2. Estimated non-federal revenue includes state and local match and other funds for all phases for each trunkline and local project.
3. The FY 2011-2014 STIP reports financial constraint by major federal funding source

**Table 4b. Fiscal Constraint Demonstration (FY 2013-2014)**

06/21/10	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
<b>Highway Program</b>								
MDOT FA Program	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Sub-Total MDOT	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Local STP	\$1,115,000	\$40,000	\$1,155,000	\$1,155,000	\$1,151,007	\$0	\$1,151,007	\$1,151,007
Local CMAQ	\$162,000	\$40,500	\$202,500	\$202,500	\$0	\$0	\$0	\$0
Local AC Starts		\$1,579,645	\$1,579,645	\$1,579,645		\$0	\$0	\$0
<b>Sub-Total Local</b>	<b>\$1,277,000</b>	<b>\$253,906</b>	<b>\$1,530,906</b>	<b>\$2,937,145</b>	<b>\$1,151,007</b>	<b>\$0</b>	<b>\$1,151,007</b>	<b>\$1,151,007</b>
<b>Total Highway</b>	<b>\$1,277,000</b>	<b>\$253,906</b>	<b>\$1,530,906</b>	<b>\$2,937,145</b>	<b>\$1,151,007</b>	<b>\$0</b>	<b>\$1,151,007</b>	<b>\$1,151,007</b>
<b>Transit Fund Source</b>								
Section 5307 - UZA Formula	\$710,000	\$1,090,445	\$1,800,445	\$1,800,445	\$710,000	\$1,108,449	\$1,818,449	\$1,818,449
Section 5316 - Job Access/Reverse Commute	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Section 5317 - New Freedom Initiative	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Transit</b>	<b>\$710,000</b>	<b>\$1,090,445</b>	<b>\$1,800,445</b>	<b>\$1,800,445</b>	<b>\$710,000</b>	<b>\$1,108,449</b>	<b>\$1,818,449</b>	<b>\$1,818,449</b>
<b>Grand Total</b>	<b>\$1,987,000</b>	<b>\$1,344,351</b>	<b>\$3,331,351</b>	<b>\$4,737,590</b>	<b>\$1,861,007</b>	<b>\$1,108,449</b>	<b>\$2,969,456</b>	<b>\$2,969,456</b>

Notes:

1. Estimated federal revenue is apportionment (not obligation authority). It includes all phases for each trunkline and local project.
2. Estimated non-federal revenue includes state and local match and other funds for all phases for each trunkline and local project.
3. The FY 2011-2014 STIP reports financial constraint by major federal funding source

**Table 5. Fiscal Year 2011-2014 TIP Projects**

6/21/10																							
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)
2011	BERRIEN	Berrien County	Lincoln Ave	John Beers Rd to Maiden Ln	2.50	Resurface	Resurface road	CON		486	STUL			114	CNTY	600	100086		06/21/10		Exempt		660
2011	BERRIEN	Berrien County	California Rd	City of Bridgman to Red Arrow Highway	0.37	Resurface	Resurface road	CON		73	STUL			16	CITY	89	100084		06/21/10		Exempt	6/15/09 Amended length and cost.	100
2011	BERRIEN	MDOT	I-196	under Red Arrow Highway	0.03	Bridge - other	Beam repairs	CON		257	IM	29	M			285	109087		06/21/10		Exempt		310
2011	BERRIEN	MDOT	US-31	Berrien County	21.17	Traffic ops/safety	Freeway signing upgrade	CON		250	NHG					250	108921		06/21/10		Exempt	MDOT FY 12: 34.91% of project within TwinCATS boundary; total phase cost = \$715,000 federal NHG	765
2011	BERRIEN	MDOT	I-94	under John Beers Road	0.25	GPA	Full paint, joint replacement	CON		362	BHI	40	M			403	88086		06/21/10		Exempt	construction during FY 2012	438
2011	BERRIEN	MDOT	I-94	at Nickerson Road, M-40 at M-43 and I-94 at M-40	0.01	Roadside facility	Resurface carpool lots	CON		22	ST	5	M			27	103294		06/21/10		Exempt		31
2011	BERRIEN	St. Joseph	S State St and Kingsley Ave	Granada Avenue to Wallace Avenue and S State St to 100 feet East of S State St	0.19	Reconstruct	Reconstruction of roadway, removing and replacing sanitary sewer and construction of new storm sewer.	CON	AC	208	STUL			683	CITY	891	107686		06/21/10		Exempt	6/21/09 Amended length and limits in 2008-2011 TIP.	1,070
2011	BERRIEN	Stevensville	John Beers Rd	St Joseph Ave to DeMorrow Rd and Red Arrow Hwy to I-94	0.68	Reconstruct	Reconstruct road, construct new curb, gutters, and sidewalks	CON		280	STUL			127	VLG	407			06/21/10		Exempt		416

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)
2011	BERRIEN	TCATA	Public transportation	Twin Cities Area		Transit Operations	Public transit urban operation	T-Ops		704	5307	619	CTF	442	TRAIL	1,765			01/25/10		Exempt		1,765
2011	BERRIEN	TCATA	New line haul route	Twin Cities Area		Transit operations	New Line Haul Route	T-Ops		108	5316	108	CTF			217			04/19/10		Exempt	Continuation of 2010 route.	217
2011	BERRIEN	TCATA	New expanded hours	Twin Cities Area		Transit operations	New Expanded Hours	T-Ops		86	5316	86	CTF			172			04/19/10		Exempt	Continuation of 2010 expanded hours.	172
2011	BERRIEN	TCATA	Mobility manager	Twin Cities Area		Transit operations	Mobility Manager	T-Cap		75	5317					75			04/19/10		Exempt	Using capital for Mobility Manager. \$15,000 state match is toll credits, so it's shown as federal.	75
2011	BERRIEN	TCATA	Transit vehicle replacement	Twin Cities Area		Transit vehicle additions/replacements	Replacing three buses	T-Cap		154	5307	38	CTF			192			06/21/10		Exempt		192
2012	BERRIEN	Benton Harbor	Broadway Ave	Pipestone St to Empire Ave	0.90	Resurface	Mill and resurface road, minor drainage improvements, ADA sidewalk ramp replacements	CON		240	STUL			60	CITY	300			06/21/10		Exempt		486
2012	BERRIEN	Berrien County	Highland Ave	City of Benton Harbor to Crystal	1.00	Resurface	Resurface, add 3 foot wide shoulders	CON		227	STUL			57	CNTY	284	100087		06/21/10		Exempt		315
2012	BERRIEN	Berrien County	E Britain Ave	City of Benton Harbor to Crystal	1.01	Resurface	Resurface, add 3 foot wide shoulders	CON		186	STUL			47	CNTY	233	100085		06/21/10		Exempt		260
2012	BERRIEN	MDOT	I-94	at Nickerson Ave in Benton Township		Roadside facility	Resurface existing lot and pavement markings	CON		25	ST	5	M			30	103293		06/21/10		Exempt	Lot # 711005	33

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)
2012	BERRIEN	MDOT	I-94	under M-63	0.04	Bridge - other	Concrete shall overlay, superstructure and substructure repair, approaches	CON		563	BHI	63	M			626	109093		06/21/10		Exempt		680
2012	BERRIEN	MDOT	I-94 EB	Sawyer (Exit 12) to Red Arrow Hwy (Exit 16)	4.10	Resurface	Mill and two course HMA overlay	CON		14,805	IM	1,645	M			16,450	79871		06/21/10		Exempt	MDOT FY 13	17,550
2012	BERRIEN	St. Joseph	S State St and Kingsley Ave	Granada Avenue to Wallace Avenue and S State St to 100 feet East of S State St	0.19	Reconstruct	Reconstruction of roadway, removing and replacing sanitary sewer and construction of new storm sewer.	CON	ACC	191	STUL					191	107686		06/21/10		Exempt		1,070
2012	BERRIEN	St. Joseph	Lake St	Elm St to Broad St	0.10	Reconstruct	Reconstruct road, replace storm sewer, sanitary sewer, and water main, install new sidewalk ramps	CON		236	STUL			210	CITY	446			06/21/10		Exempt		535
2012	BERRIEN	TCATA	Public transportation	Twin Cities Area		Transit Operations	Public transit urban operation	T-Ops		710	5307	615	CTF	458	TRAIL	1,783			06/21/10		Exempt		1,783
2012	BERRIEN	TCATA	Transit vehicle replacement	Twin Cities Area		Transit vehicle additions/replacements	Replacing three buses	T-Cap		162	CM	41	CTF			203			06/21/10		Exempt		203
2013	BERRIEN	Benton Harbor	E Empire Ave	Riverview Dr to Colfax Ave	0.61	Resurface	Mill and resurface road, minor drainage improvements, ADA sidewalk ramp replacements	CON		160	STUL			40	CITY	200			06/21/10		Exempt		357

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)
2013	BERRIEN	Berrien County	Hollywood Rd	M-63 to 500 feet South of Glenlord Rd	1.00	Restore & rehabilitate	Restore and rehabilitate road with paved shoulders, side of road ditches, add right turn lane at Palladium Dr	CON	AC	782	STUL			1,580	OLF	2,362			06/21/10		Exempt	Local funding source is corridor funds.	2,743
2013	BERRIEN	St. Joseph	S State St and Kingsley Ave	Granada Avenue to Wallace Avenue and S State St to 100 feet East of S State St	0.19	Reconstruct	Reconstruction of roadway, removing and replacing sanitary sewer and construction of new storm sewer.	CON	ACC	173	STUL					173	107686		06/21/10		Exempt		1,070
2013	BERRIEN	TCATA	Public transportation	Twin Cities Area		Transit operations	Bus operations	T-Ops		710	5307	610	CTF	480	TRAIL	1,800			06/21/10		Exempt		1,800
2013	BERRIEN	TCATA	Transit vehicle replacement	Twin Cities Area		Transit vehicle additions/replacements	Replacing three buses	T-Cap		162	CM	41	CTF			203			06/21/10		Exempt		203
2014	BERRIEN	Berrien County	Hollywood Rd	M-63 to 500 feet South of Glenlord Rd	1.00	Restore & rehabilitate	Restore and rehabilitate road with paved shoulders, side of road ditches, add right turn lane at Palladium Dr	CON	ACC	1,151	STUL					1,151			06/21/10		Exempt		2,743

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)
2014	BERRIEN	TCATA	Public transportation	Twin Cities Area		Transit operations	Bus operations	T-Ops		710	5307	605	CTF	503	TRAIL	1,818			06/21/10		Exempt		1,818

**Table 6. Illustrative List of Projects**

6/21/2010																		
Fiscal Year*	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Total Project Cost (\$1000s)	Local Priority
2013	Berrien	MDOT	I-94 EB	from Red Arrow Highway for 1.6 miles east.	1.60	Resurface	Mill existing HMA and resurface at 5 inch depth, except add additional 3 inches of base course to I-94 EB outside and center lanes. Reconstruct outside shoulder to thirteen feet paved to maintain workzone traffic. Reconstruct inside shoulder to 10 feet wide paved. Erect cable median barrier. Replace all culverts draining the median and shallow cross culverts.	CON	7,380	IM	820	M			8,200	90362	9,000	

Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Total Project Cost (\$1000s)	Local Priority
2014	BERRIEN	St Joseph	Napier Ave	Niles Ave (M-63) to Langley Ave	0.29	Resurface	milling off existing pavement, overlaying existing base with new HMA pavement, installing new storm sewer to eliminate combined sewers, installing new ADA ramps	CON	436	STUL			203	CITY	639		639	1

Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Total Project Cost (\$1000s)	Local Priority
2011	BERRIEN	Shoreham	Brown School Rd	Lakeshore Dr east to village limits	0.45	Resurface	Milling of existing bituminous pavement, repair of problem road base areas, new 4-inch bituminous overlay with re-crowning of road, 4-ft wide paved bike lane and 5-ft wide sidewalk on south side of road, storm water drainage system added to both sides of road with downstream detention pond	CON	250	STUL			160	VLG	410		410	2
	BERRIEN	St Joseph	Botham Ave	Niles Ave (M-63) to Morton Ave	0.25	Reconstruction	full reconstruction including HMA pavement, curb and gutter, storm sewer, sanitary sewer, water main, sidewalk and ADA sidewalk replacement	CON	674	STUL			534	CITY	1,208		1,449	

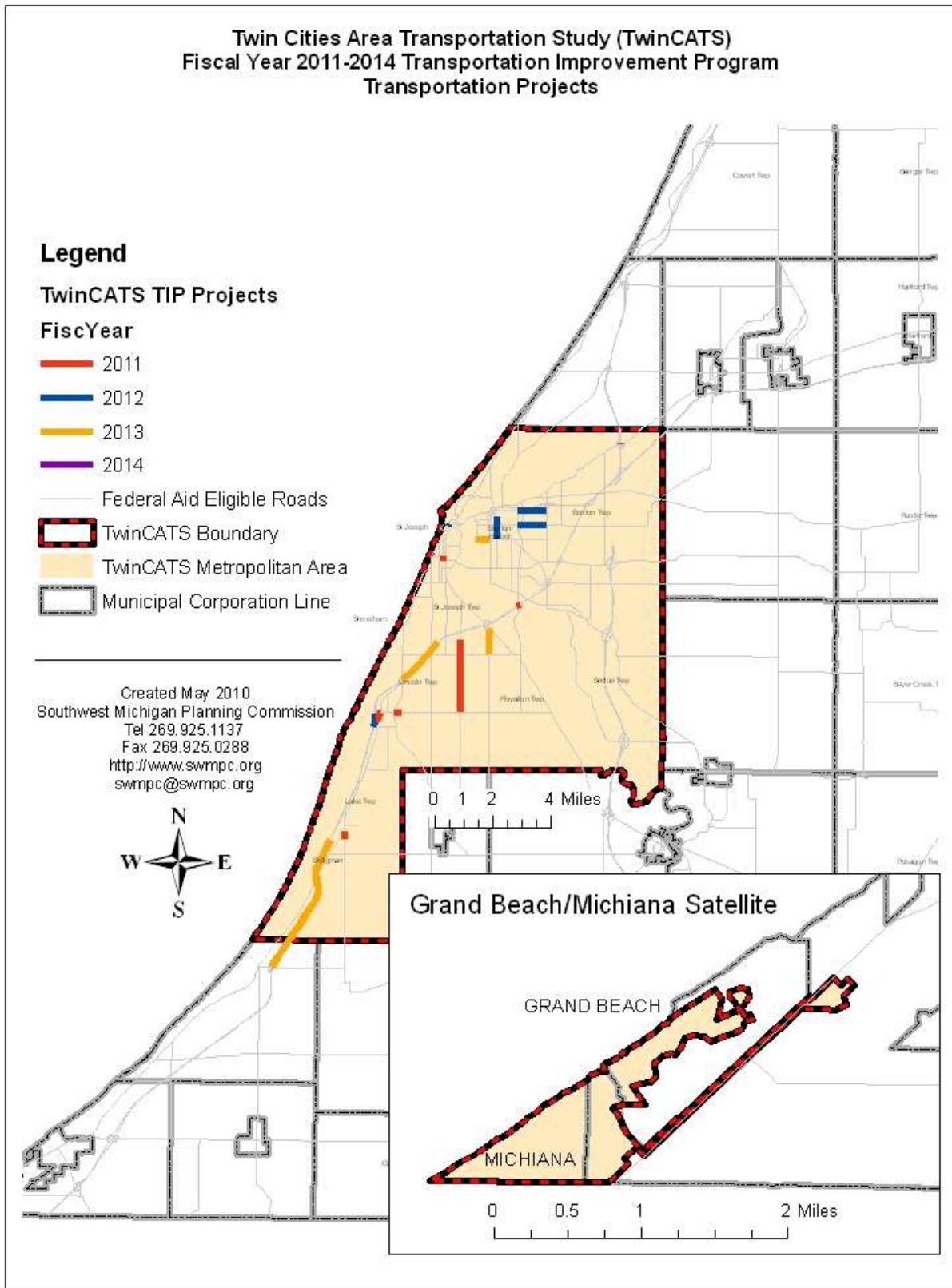
Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Total Project Cost (\$1000s)	Local Priority
	BERRIEN	Berrien County	Benton Center Rd	Napier Ave to 300 feet north of Empire Ave	0.90	Resurface	Resurface	CON	284	STUL			66	CTY	350		350	
	BERRIEN	Berrien County	Red Arrow Hwy	Village of Stevensville limit to I-94	0.90	Resurface	Resurface	CON	284	STUL			66	CTY	350		350	
	BERRIEN	Berrien County	Red Arrow Hwy	Linco Rd to Village of Stevensville limit	1.30	Resurface	Resurface	CON	365	STUL			85	CTY	450		450	
	BERRIEN	Berrien County	Napier Ave	M-139 to I-94	1.41	Resurface	Resurface	CON	446	STUL			104	CTY	550		550	
	BERRIEN	Berrien County	Napier Ave	Broadway Ave to M-139	0.77	Resurface	Resurface	CON	284	STUL			66	CTY	350		350	
	BERRIEN	Berrien County	Napier Ave	St Joseph River to Broadway Ave	1.33	Resurface	Resurface	CON	397	STUL			93	CTY	490		490	
	BERRIEN	Berrien County	Cleveland Ave	Hilltop Rd to I-94	2.40	Resurface	Resurface	CON	454	STUL			106	CTY	560		560	
	BERRIEN	Berrien County	Lemon Creek Rd	Red Arrow Hwy to Gast Rd	0.50	Resurface	Resurface	CON	113	STUL			27	CTY	140		140	
	BERRIEN	St Joseph	Wallace Ave	Lakeshore Dr (94 BL) to Lakeview Ave	0.24	Reconstruction	HMA pavement, curb and gutter, storm sewer, sanitary sewer, and water main, remove and replace sidewalks and ADA sidewalk ramps as needed	CON	478	STUL			477	CITY	956		1,110	

Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Total Project Cost (\$1000s)	Local Priority
	BERRIEN	St Joseph	Kingsley Ave	S State St to Niles Ave (M-63)	0.15	Reconstruction	new curb and gutter, HMA pavement, storm sewer, sanitary sewer, and water main, reconstruct sidewalk and ADA ramps to standard	CON	291	STUL			240	CITY	531		616	
	BERRIEN	St Joseph	Water St	Intersection with Water Front Condos to State St	0.10	Reconstruction	full reconstruction including HMA pavement, curb and gutter, replace 4" water main with new 8" main	CON	200	STUL			145	CITY	344		413	
	BERRIEN	St Joseph	Hilltop Rd	Lakeshore Dr (94 BL) to CSX railroad crossing	0.34	Resurface	milling off existing asphalt pavement, overlaying the existing base with HMA pavement,	CON	266	STUL			59	CITY	325		390	
2014	BERRIEN	Benton Harbor	Pipestone St	50 feet east of Main St to Britain Ave	0.65	Resurface	Mill and resurface	CON	292	STUL			73	CITY	365		365	

Fiscal Year	County	Responsible Agency	Project Name	Limits	Length	Primary Work Type	Project Description	Phase	Federal Cost (\$1000s)	Federal Fund Source	State Cost (\$1000s)	State Fund Source	Local Cost (\$1000s)	Local Fund Source	Total Cost (\$1000s)	MDOT Job No.	Total Project Cost (\$1000s)	Local Priority
2011	BERRIEN	Bridgman	Lake St	Church St to Gast Rd	0.10	Reconstruction	reconstruct concrete pavement, replacing existing storm sewer, sanitary sewer, and water main, install new ADA sidewalk ramps	CON	743	STUL			210	CITY	953		1,042	

\* Note that not all projects have years assigned in the table. Because this is an Illustrative list of projects, the projects have not yet been allocated funding. Thus it is not known in what year the project will be funded. The fiscal year shown is an optional column denoting the fiscal year in which the responsible agency hopes for the project to be funded.

Map 2: FY 2008-2011 TIP Projects



## IV. Southwest Michigan Regional Airport Projects

**Table 7. Southwest Michigan Regional Airport Projects**

**Southwest Michigan Regional Airport Authority  
Southwest Michigan Regional Airport (BEH), Benton Harbor, MI**

Development Year	Project Description	Federal	State	Local	Total
2011	Shift and extend runways 9 and 27 and Taxiway, rehab existing infield drainage - Phase 3 including Airport Layout Plan update	\$2,850,000	\$75,000	\$75,000	<b>\$3,000,000</b>
2012	Land acquisition and aviation easements on Runway 31 approach	\$522,500	\$13,750	\$13,750	<b>\$550,000</b>
2012	Preliminary engineering for shifting runways 13 and 31 for RSA compliance	\$47,500	\$1,250	\$1,250	<b>\$50,000</b>
2012	Land Acquisition for Rwy 32 RPZ-Phase 1	\$93,000	\$2,447	\$2,447	<b>\$97,895</b>
2012	PE for Shift Rwy 14/32 for RSA Compliance	\$57,000	\$1,500	\$1,500	<b>\$60,000</b>
2013	Design for shifting runways 13 and 31 for Runway Safety Area compliance	\$85,500	\$2,250	\$2,250	<b>\$90,000</b>
2013	Land Acquisition for Rwy 14/32 approach-Phase II	\$93,000	\$2,447	\$2,447	<b>\$97,895</b>
2013	Design Shift Rwy 14/32 for RSA compliance	\$57,000	\$1,500	\$1,500	<b>\$60,000</b>
2013	Tree Clearing/Pruning Rwy 14/32	TBD	TBD	TBD	<b>TBD</b>
2014	Shift runways 13 and 31 for Runway Safety Area compliance (370 feet South) and rehabilitate existing runway surface	\$1,662,500	\$43,750	\$43,750	<b>\$1,750,000</b>
2014	*Snow removal equipment - Snow Blower	\$451,250	\$11,875	\$11,875	<b>\$475,000</b>
2014	Install fencing for animal control on North side of airport	\$275,500	\$7,250	\$7,250	<b>\$290,000</b>
2014	Shift Rwy 14/32 for RSA compliance (370' south) and Rehabilitate existing runway surface and lighting	\$205,000	\$42,750	\$42,750	<b>\$1,710,000</b>
<b>Totals</b>		<b>\$6,399,750</b>	<b>\$205,769</b>	<b>\$205,769</b>	<b>\$8,230,790</b>

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\* Snow removal equipment to be purchased with 2010, 2011, and 2012 Non-Primary Entitlement funds to assist with maintenance of the additional runway and taxiway pavements.

## V. Air Quality Analysis

The Clean Air Act Amendments (CAAA) of 1990 established the mandate for better coordination between metropolitan air quality and long range transportation planning. The purpose behind this coordination is to demonstrate that long range plans conform to the intent and purpose of the State Implementation Plan (SIP), which is to reduce pollutant emissions to meet the National Ambient Air Quality Standards (NAAQS). Therefore, the TIP and long range plan (LRP) must demonstrate that vehicle emissions will not increase by implementing the TIP and LRP projects.

Ozone is formed when volatile organic compounds (VOC) and oxides of nitrogen (NO<sub>x</sub>) combine with sunlight and high temperatures. One way to reduce ozone is to reduce the amount of VOCs and NO<sub>x</sub> which are emitted from automobiles. Since VOC and NO<sub>x</sub> emissions are directly related to roadway congestion, when congestion increases and roadway speeds are lowered, VOC and NO<sub>x</sub> emissions are also increased. Therefore, VOC and NO<sub>x</sub> levels and, in turn ozone levels, can be decreased by reducing roadway congestion, improving traffic flow, and by providing for alternative transportation services such as walking, biking, transit and ridesharing.

Effective June 15, 2004, Berrien and Cass Counties were classified as a basic non-attainment area for the new eight hour ozone standard. Effective May 16, 2007, they were re-designated as an air quality maintenance area, indicating that Berrien and Cass Counties have attained the eight hour ozone National Ambient Air Quality Standards (NAAQS).

As a maintenance area, Berrien and Cass Counties are still subject to conformity requirements. The area now has an approved maintenance plan and is required to meet an emissions budget established by the U.S. Environmental Protection Agency (U.S. EPA). Air quality conformity analysis examines changes in VOC and NO<sub>x</sub>. The emissions levels are then compared to an emissions budget.

The Inter-Agency Work Group (IAWG) held a virtual conference via email in early June 2010 to review projects in the TwinCATS and NATS MPOs. There are no capacity expansion projects greater than an added left turn lane that is 0.3 miles long; thus, none of the TIP projects can be modeled for air conformity. The IAWG determined that all TwinCATS and NATS projects in the 2011-2014 Transportation Improvement Program are exempt from air quality conformity analysis.

**Table 8. Results of the Berrien County 8-Hour Ozone Standard  
TwinCATS 2035 Long Range Transportation Plan**

Scenario	Emissions in kilograms/day	
	VOC	NO <sub>x</sub>
<b>Attainment Budget</b>	8309.95	13780.37
<b>2013 Action</b>	4568.5623	6985.8052
<b>2018 Action</b>	3095.2800	3856.0920
<b>2025 Action</b>	2481.6529	2750.2440
<b>2035 Action</b>	2511.1029	2376.4995

## VI. Environmental Justice

Environmental justice mandates that no minority group, including racial minorities and the economically disadvantaged, should suffer a disproportionately high or inequitable amount of negative health or environmental effects from transportation improvement projects. Additionally, these minority groups should receive an equitable share of project benefits.

In order to quantify the location of relevant minority groups for the purpose of satisfying these mandates, the SWMPC used 2000 U.S. Census data to map the specified populations and make a determination based on these populations of whether to consider a specified area as EJ. These maps are also in accordance with a federal directive mandating the identification and redress of environmental harms felt disproportionately by minority groups. The maps of EJ areas and FY2011-2014 construction projects are located in Appendix A.

### Methodology to Identify Environmental Justice Populations

In June of 2007, the analysis for the identification of Environmental Justice (EJ) areas was revisited in order to verify the process by which the areas were identified and to coordinate the procedures for NATS and TwinCATS. It became apparent that the methodology differed between NATS and TwinCATS. A search was made for an appropriate standard by which to compute the EJ areas. SWMPC staff met with MDOT to determine the most appropriate methodology, which parallels what is being used at the State level.

**Minority group population** numbers were assembled from the following 2000 US Census sources:

1. Total Population (Summary File 1, P003001)
2. Black or African American alone (Summary File 1, P003004)
3. American Indian and Alaskan Native alone (Summary File 1, P003005)
4. Asian alone (Summary File 1, P003006)
5. Hispanic or Latino (Summary File 1, P004002)

As noted, all but Hispanic or Latino population numbers were drawn from population of one race. Since Hispanic or Latino is not a race designation there can be by definition individuals who identified themselves of two or more races within the Hispanic or Latino designation. In earlier NATS analysis population numbers for Black, American Indian, and Asian was drawn from population of one race or in combination of two or more races. The change to utilize population of one race was made to parallel the methodology outlined by MDOT.

**Low-Income population** numbers were drawn from the following 2000 US Census sources:

1. Population for whom poverty status is determined (Summary File 3, PCT049001)
2. Income in 1999 below poverty level (Summary File 3, PCT049002)

In earlier NATS analysis Low-Income data was drawn from Department of Health and Human Services (HHS) guidelines that are updated yearly. The change to utilize poverty data from the 2000 US Census was made to parallel the methodology outlined by MDOT. The rationale for utilizing 2000 US Census poverty data instead of more current HHS low-income data is to keep the poverty data in sync time wise with the

minority data. This also means that Environmental Justice areas will not vary from year to year based on poverty.

**Block Groups** have been utilized because they are the smallest geographic summary areas for which minority and poverty data are available. In earlier NATS analysis Census Tracts were utilized. The change to utilize Block Groups was made to parallel the methodology outlined by MDOT. The advantage of utilizing Block Groups over Census Tracts is that the smaller geography of Block Groups is more effective in identifying concentrations of targeted populations.

**Percentage thresholds for minority populations** were considered based on percentage of minority groups within the following geographic areas:

- State of Michigan
- Southwest Michigan tri-county planning area (Berrien, Cass, and Van Buren Counties)
- Individual counties within Southwest Michigan
- NATS
- TwinCATS

The threshold levels were set according to the following factors:

- Preference was given to individual study area average.
- Adjustments were made to be less stringent when a disproportionate amount of the MPO area was identified as an EJ outreach area.
- EJ designation was not made to be less stringent than State averages (i.e. the proportion of minority population in a block group needed to meet the EJ threshold was not less than that minority's proportion of the total state population).
- Final determination of thresholds was made in consultation with NATS and TwinCATS boards. This was done through a discussion of which is a more appropriate threshold to use: Southwest Michigan's or the MPO area's population averages. For both TwinCATS and NATS, the Committees decided that the MPO's population averages were most appropriate.

### **Depiction of EJ Areas**

The block groups that exceeded threshold population percentages for various minority groups are displayed in the EJ maps in Appendix A, along with the location of transportation improvement projects. The minority population figures in these EJ areas represent the proportion of the total population of the shaded EJ area made up by the specified minority.

### **Project-Level Environmental Justice Analysis**

When a project is submitted, the applicant must fill out the TIP Project Application form (available from [http://swmpc.org/tcats\\_tipapp.asp](http://swmpc.org/tcats_tipapp.asp)). In the fall of 2009, the project application was revised and approved by the TwinCATS committees. A new section was added for Environmental Justice. When the application is submitted, the SWMPC staff review the application for completeness and raise any concerns regarding the application to the submitting agency.

The questions asked on the application in the Environmental Justice section are:

- Will this project increase access to jobs, medical facilities, social service agencies, churches, schools, or grocery stores within a 30-minute trip by car for residents of EJ areas?
- Will this project increase access to jobs, medical facilities, social service agencies, churches, schools, or grocery stores within a 15-minute walking or bicycling trip for residents of EJ areas?
- Were any of the following methods used to gain input from EJ populations: translating outreach

materials, providing translation services at public meetings, giving presentations to community groups?

- Did any members of EJ populations submit comments about the project at meetings or via mail, phone calls, or the internet?
- If so, were these concerns addressed? Describe how below.

SWMPC staff relay their concerns and/or any public concerns raised about the environmental justice of a project to the TwinCATS committees before the project is approved. Any new TIP project is also plotted on the Environmental Justice maps (shown below) and made available to the committee members and the public before the project is approved. This allows the TwinCATS committee members to determine:

1. Whether a new project will have adverse impacts on an EJ area; and
2. Whether the resources for transportation projects are being distributed equitably to EJ areas.

### **Conclusion**

After reviewing the project applications and the EJ maps with the project locations, it has been determined that there will be no adverse effects on EJ targeted populations and that EJ populations have not been excluded the benefits of receiving projects in their area.

## **VII. Public Involvement and Consultation**

### **Public Involvement**

As explained in the “TwinCATS Project Selection and Prioritization Procedure” section in the Introduction, a survey called “What’s Important to You in Transportation Projects?” was administered to the public and to the representatives on the TwinCATS Technical Advisory and Policy committees in December 2009. The purpose of the survey was to increase the level of public involvement in the process of prioritizing projects in the TIP by giving weights of importance to the goal categories in the TwinCATS Long Range Transportation Plan 2035. The TIP project applications for fiscal year 2014 funding were scored according to these weighted criteria (see the document *Twin Cities Area Transportation Study: What’s Important to You in Transportation? Survey Results Publication* for a more detailed explanation of the survey results and scoring methodology.

The scores that were developed for the new project applications during the second call for projects in 2010 is included in Appendix B. SWMPC transportation planning staff presented these project scores to the TIP Project Selection Subcommittee for consideration along with the other factors in project selection. These factors include traffic counts, road ratings, percent of local contribution to total project cost, and equitable geographic distribution.

Various methods were used to encourage the public to attend the TIP Project Selection meeting held on February 19, 2010. Legal notices, press releases, and a community email (see Appendix C) were sent out 10 days prior to the meeting, and posters were hung on the front door of the meeting location. In accordance with federal requirements for public involvement as set out in SAFETEA-LU (Safe Accountable Flexible Efficient Transportation Equity Act – A Legacy for Users, 2005), the meeting was held in a publicly accessible location on a scheduled bus route. The meeting location was Michigan Works!, a workforce development agency in the downtown area of central city of TwinCATS, Benton Harbor. One member of the public attended the meeting.

For members of the public who could not attend the meeting, the project applications were uploaded on the TwinCATS TIP 2011-2014 web page (at <http://swmpc.org/2014tipprojects.asp>). Correspondence regarding project selection mentioned that comments about the projects could be conveyed to SWMPC transportation planner Anna Rahtz by email, mail, or phone call.

### **Consultation**

Federal legislation known as SAFETEA-LU requires that MPOs consult “as appropriate” with state, local, and private agencies, and Native American Tribes responsible for economic growth, land use management, natural resources, environmental protection, conservation, historic preservation, and human service transportation providers in developing transportation improvement programs. This consultation process is intended to eliminate or minimize conflicts and ensure compatibility with other agencies’ plans and maps.

In order to begin the consultation process, the SWMPC developed a contact list of area agencies responsible for historic, environmental, and land use planning. After the draft list of TIP projects was approved by the TwinCATS Technical Advisory and Policy committees, public comment was sought on the draft list. The formal comment period began May 18, 2010 and ended on June 21, 2010. Comments were accepted at the regular TwinCATS Technical Advisory or Policy committee meeting on June 21, 2010 or by submitting them to SWMPC transportation planner Anna Rahtz via email, mail, phone, or fax. Public comment was also accepted at the Southwest Michigan Planning Commission quarterly meeting at the Van Buren Conference Center on July 20, 2010 at 9:30 am.

When the draft list of TIP projects was available, each of the consultation contacts was mailed a packet of information intended to solicit input on the TIP. The packet contained a cover letter seeking input on the TIP, background information explaining what TwinCATS is and why the contact received the information, two of the environmental justice maps, and the draft project list. A sample packet and the consultation list can be found in Appendix D.

A legal notice, press releases, and community emails (see Appendix C) were sent out soliciting comments on the draft list. A brochure explaining the draft list was also distributed at an Environmental Justice Summit held at Michigan Works!.

## VIII. Amendment Procedures

There are many circumstances that necessitate amending the Transportation Improvement Program, such as changes in project scope, cost, local match situation, or work schedules. Amendments can include adding a new project, deleting a project, amending a project or administratively amending (modifying) a project. For additions, deletions, and amendments, there are public involvement requirements to be followed, as outlined in the SWMPC Public Participation Plan. This plan can be found at [http://swmpc.org/twincats\\_docs.asp](http://swmpc.org/twincats_docs.asp) or <http://swmpc.org/participation.asp>. This process includes:

- Environmental justice analysis;
- Air conformity analysis if applicable;
- A seven-day public comment period;
- Recommendation for approval by the TwinCATS Technical Advisory Committee;
- Final approval by the TwinCATS Policy Committee;
- Submission of the TIP amendment request by SWMPC staff to MDOT;
- Approval of the request by MDOT and submission to FHWA and/or FTA;
- Approval of the request by FHWA and/or FTA.
- After the amendment is processed, the amended TIP table will be made available online at [http://swmpc.org/twincats\\_docs.asp](http://swmpc.org/twincats_docs.asp).

Any questions from MDOT, FHWA, and/or FTA must be addressed by staff and committee members before the request can be approved. Beginning October 1, 2010, MDOT is using a schedule of six times per year for approval of TIP amendment requests.

There are cases in which SWMPC staff may administratively amend (modify) the TIP based on local request. Project details such as minor changes in project costs, scope, termini, technical descriptions, and funding source may be approved administratively by SWMPC staff. TIP amendment procedures will be decided on a case-by-case basis, and at its discretion, SWMPC staff may elect to follow a full TIP amendment process. The list of examples below indicates places where SWMPC staff discretion to approve amendments is specifically granted. This list is not comprehensive in that it may not be possible to always determine in advance the particular circumstance for any given project. A consultation process may be appropriate to determine how to apply this guidance in any given situation. Staff shall report any actions to TwinCATS at the earliest opportunity following the action.

Administrative amendments (modifications) by staff are expressly permitted in the following cases:

- Projects that are subject to MDOT's selection authority and identified with SWMPC priorities on the Illustrative List maybe be moved administratively to the main body of the TIP upon selection by MDOT.
- Projects may be postponed within the TIP provided that financial constraint is maintained. In such cases, if additional balances are the outcome, the Project Selection Subcommittee will be convened at the earliest convenience to consider any projects that may be ready for advancement.
- Implementing agencies may request to move a project forward, in place of another, provided that that the one moved forward is already in the approved TIP and the TIP remains fiscally constrained.
- Funding source may be changed where there is no impact on another agency's projects or funds.
- Changes that reflect increased local or non-federal share may be made to a total project cost for the convenience of, and at the request of the local agency, including matching ratios or non-federal eligible costs.
- MDOT general program account (GPA) funding levels may be changed.

- Minor clarifications of scope or project technical descriptions where needed to advance an approved project.
- Adjustments to project scheduling for projects already contained in an approved TIP which do not impact other agencies' projects or funds.
- To correct errors or omissions in the event that a previously approved project must be added to the TIP, particularly when projects roll over from one TIP to the next, provided such action does not impact other agencies' projects or funds.
- Minor modifications to the TIP transit element (including, but not limited to, adding or deleting line items, increasing or decreasing costs, changing quantities or shifting funds from one line item to another) may be made administratively by staff on request provided that the amendment will involve currently available or anticipated FTA funds and will not negatively impact another local road or transit agency project.
- Unless otherwise required by law (such as a conformity requirement) a congressionally designated earmark or high priority project may be amended into the TIP once authorization has been signed into law.

The following examples of project types and cases must always be referred to the full TIP amendment process, unless they involved changes as provided above:

- Any addition of a new project not previously reviewed or prioritized by the Policy Committee.
- Actions which may have an adverse impact on another agency's projects or funding.
- Any major change of scope which increases capacity through the addition of a new road or lane. Minor widenings such as shoulders, passing bays, turnouts, or intersection modifications will not be considered major capacity improvements.
- Major changes in cost which may impact financial constraint, local matching share, or adversely impact another agency's projects or funding programs.
- Any major state or local infrastructure project changes which will have a potential for broad or compelling adverse impacts on any local jurisdiction, the natural environment, or the traveling public. Adding or deleting projects determined to be non-exempt from conformity analysis shall be treated as full TIP amendments.
- Any removal of a major capacity improvement project from the current TIP shall be treated using the same process as for addition of a similar project in order to assure that financial constraint and public participation requirements are met.

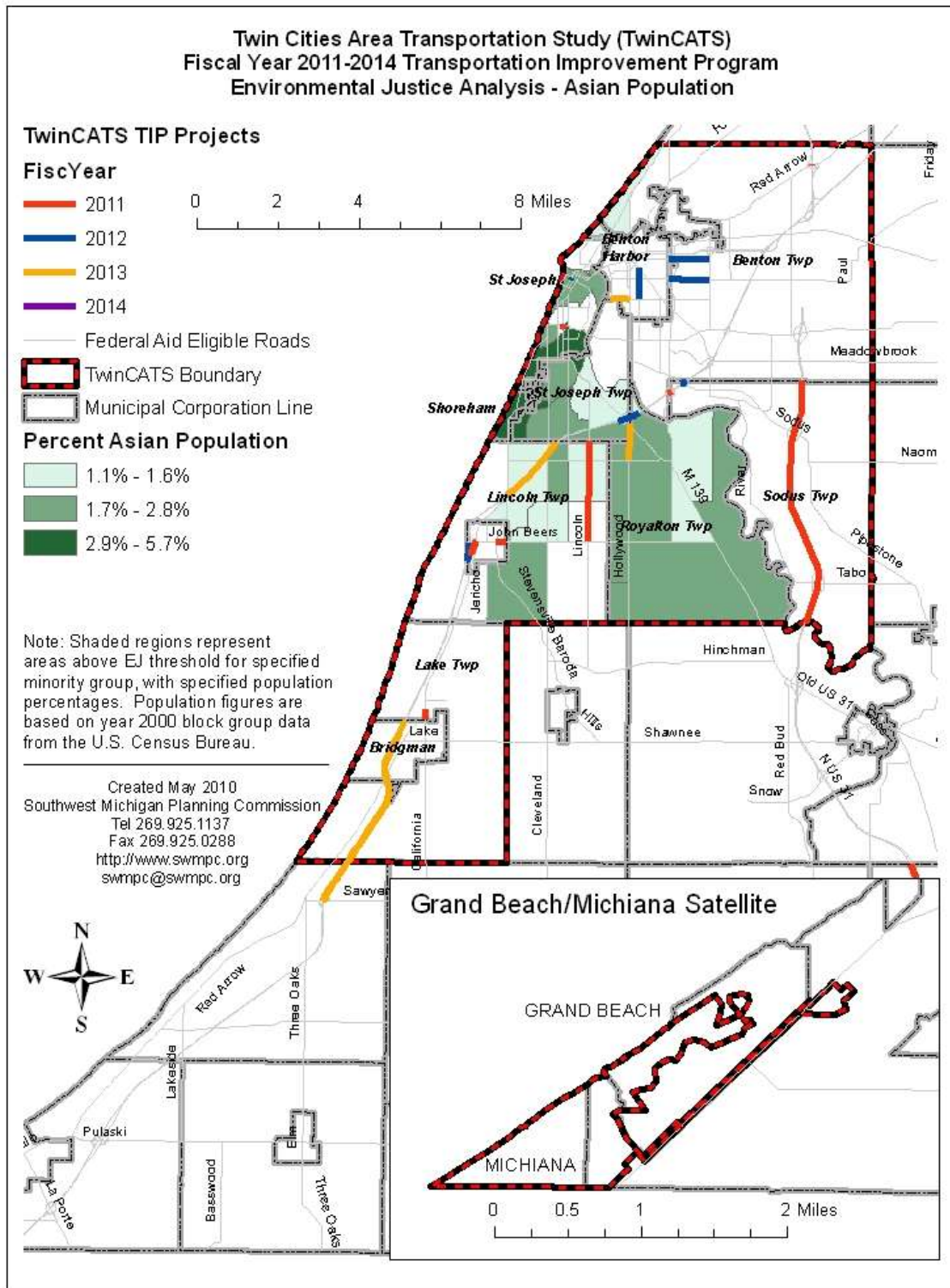
These general policies may be reviewed and amended from time to time and are intended to be flexible to accommodate special circumstances not foreseen at this writing. When doubt exists about the circumstances in any given case, a consultation process should be used to obtain guidance on interpreting the circumstance.

## **IX. Results of Prior Funding**

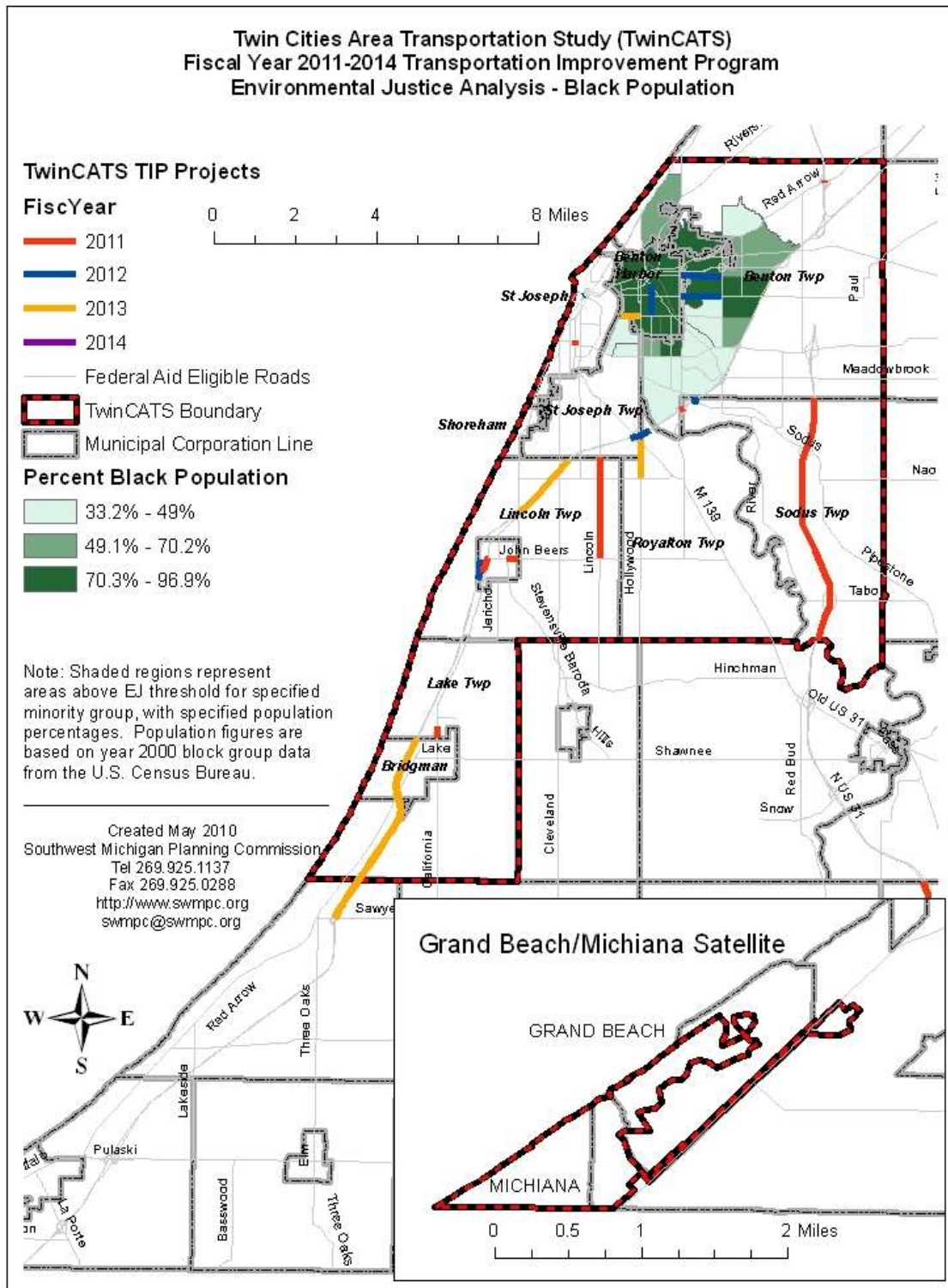
Fiscal year 2009 obligated funds can be seen at <http://swmpc.org/programs23743629.asp>. Please visit the TwinCATS website for information on the current year projects at [http://swmpc.org/twincats\\_fy\\_10.asp](http://swmpc.org/twincats_fy_10.asp).

## **APPENDIX A – Environmental Justice Maps**

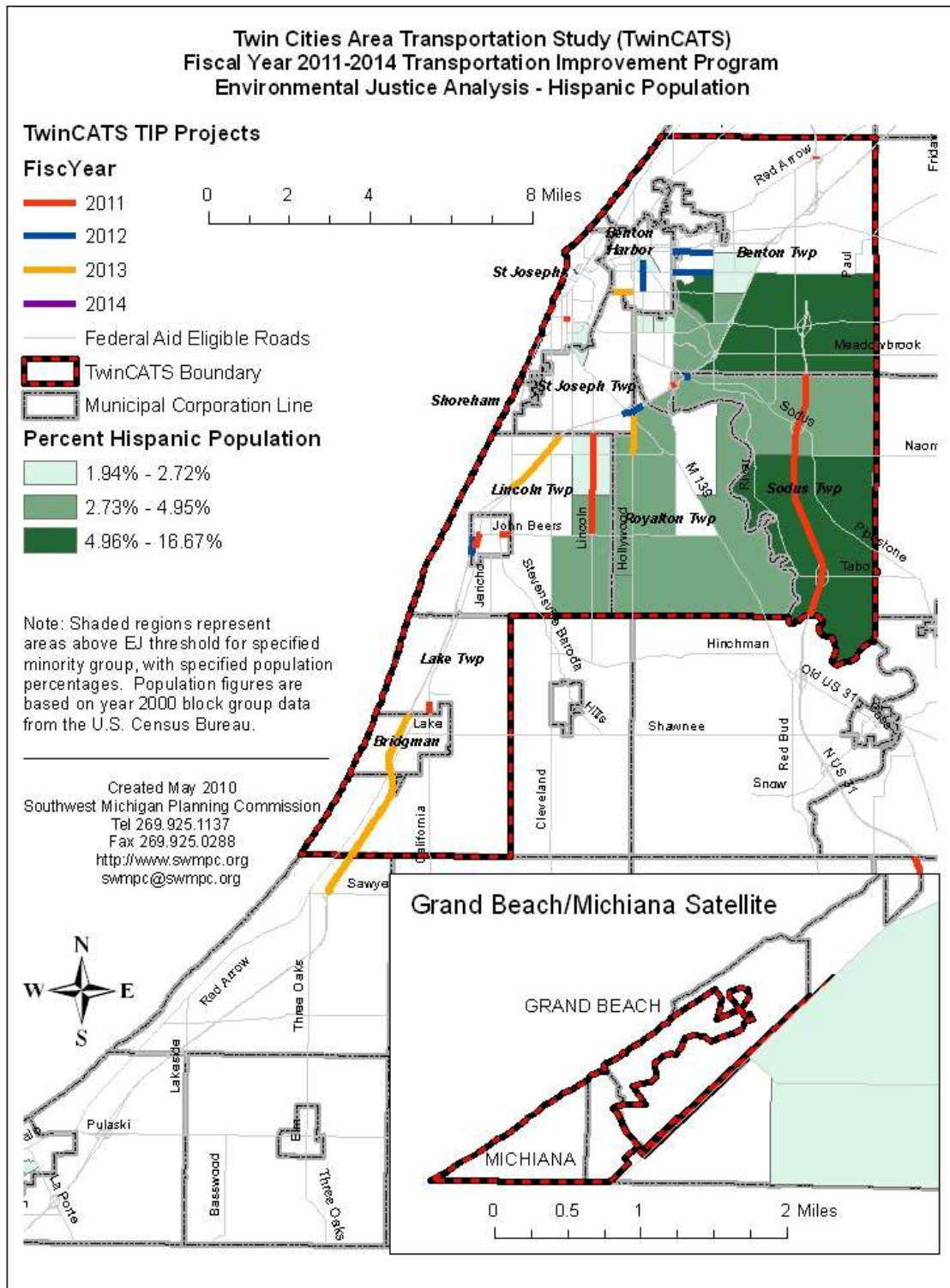
Map 3: Environmental Justice Analysis – Asian Population



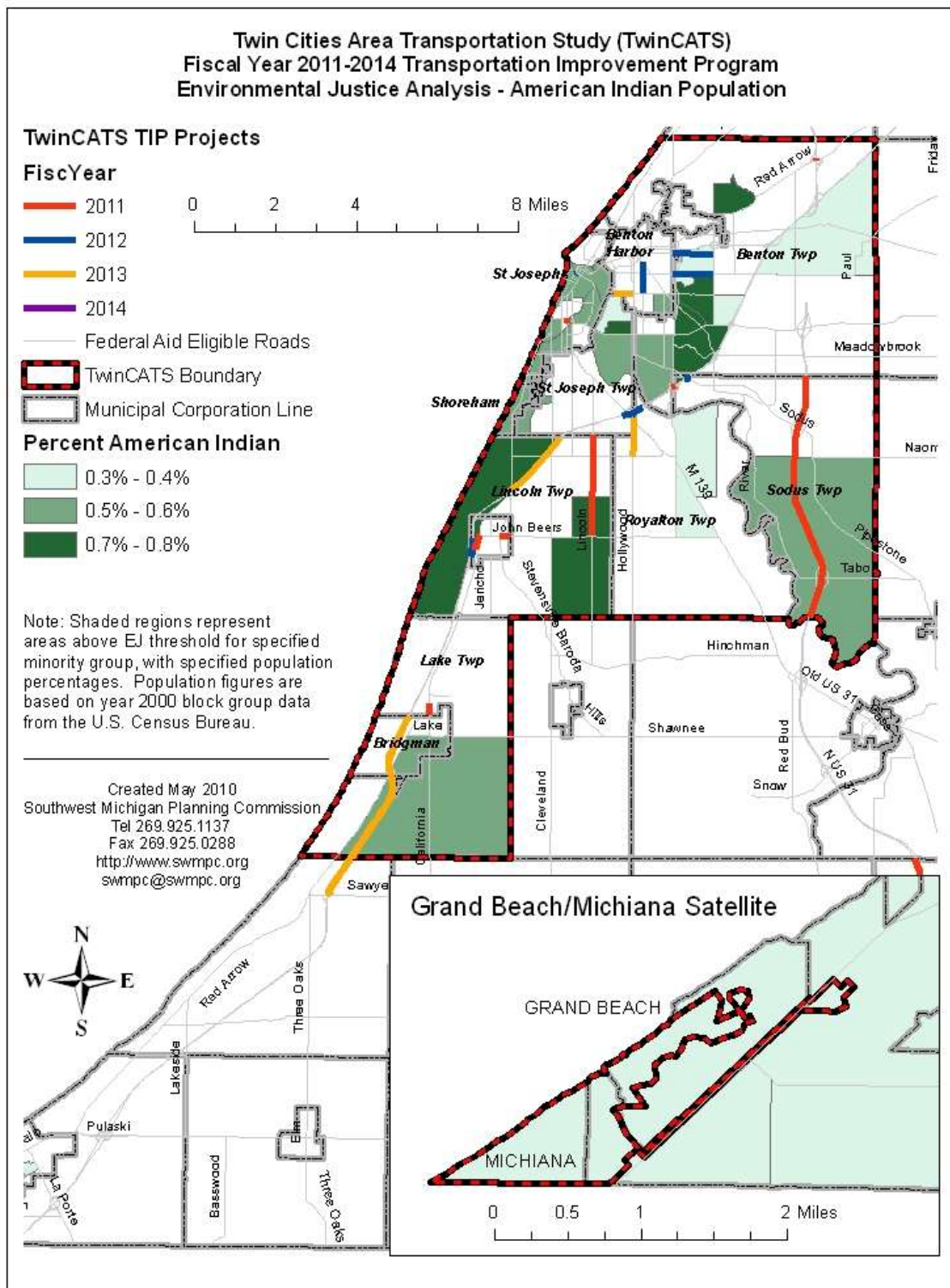
Map 4: Environmental Justice Analysis – Black Population



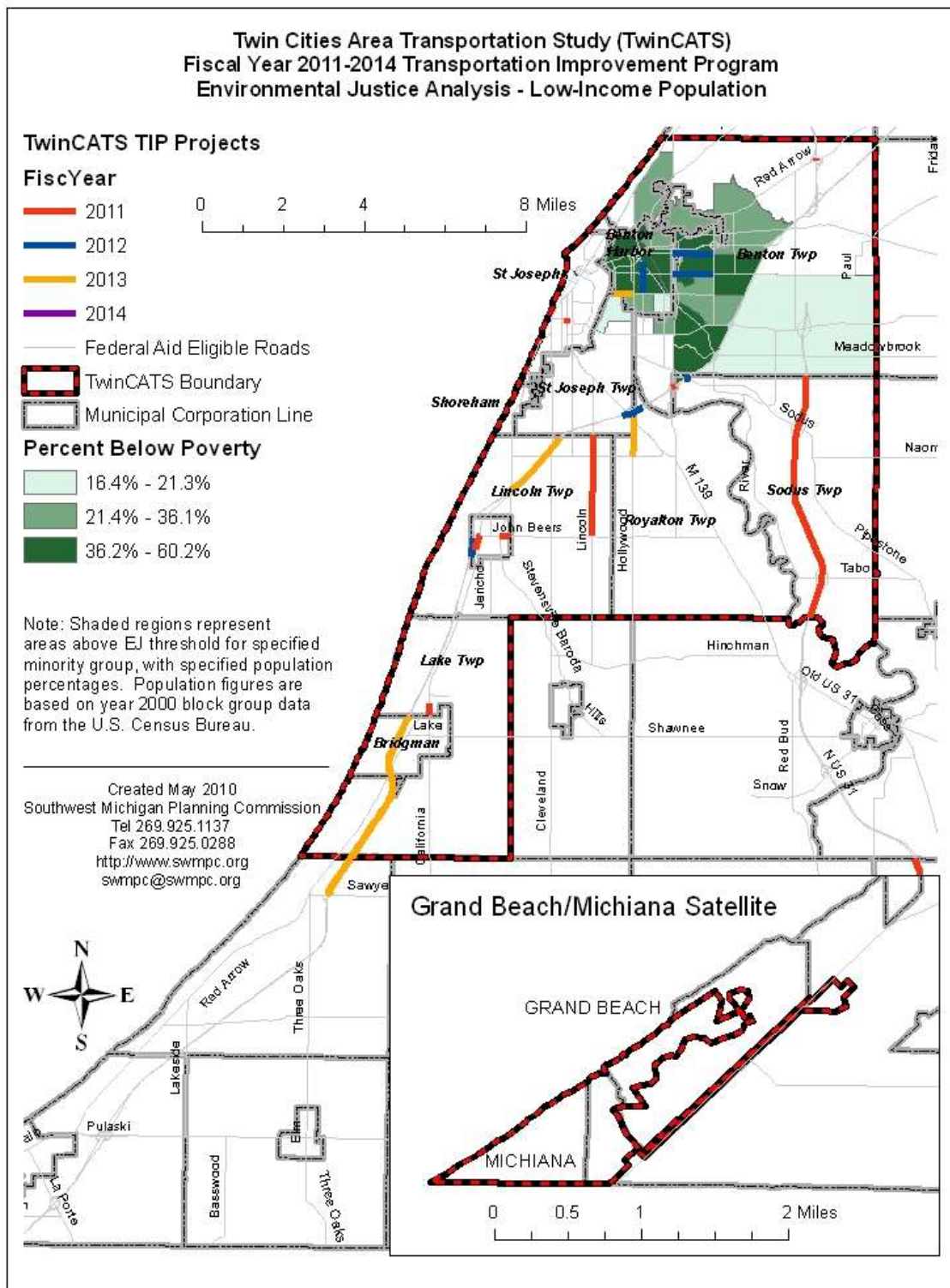
Map 5: Environmental Justice Analysis – Hispanic Population



Map 6: Environmental Justice Analysis – Native American Population



Map 7: Environmental Justice Analysis – Low Income Population



## **APPENDIX B – Public Involvement Notices**

February 12, 2009

Public Notice Regarding  
Twin Cities Area Transportation Study (TwinCATS)  
2010 to 2013 Transportation Improvement program (TIP) Project Selection

In accordance with the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the Twin Cities Area Transportation Study (TwinCATS) will be proposing 2010 to 2013 Transportation Improvement Program (TIP) projects. Any person wishing to comment on the proposed projects for TwinCATS may do so by coming to the Southwest Michigan Regional Airport, 1123 Territorial Road, Benton Harbor, Michigan 49022, at 10:00 AM on February 23, 2009 for a Public Hearing. For more information call 269.925.1137 ex 24.

February 8, 2010

Public Notice Regarding  
Twin Cities Area Transportation Improvement Program 2011-2014

The Twin Cities Area Transportation Study will hold a public hearing to select transportation projects for federal Surface Transportation funding on **Friday, February 19, 2010 at 2:00pm** at Michigan Works! Shoreline Room in downtown Benton Harbor. In accordance with the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the list of new projects that have been proposed is available at <http://swmpc.org/2014tipprojects.asp>. Comments about the projects can be directed to Transportation Planners Nickolas Musson ([mussonn@swmpc.org](mailto:mussonn@swmpc.org), 269-925-1137 x24) and Anna Rahtz ([rahtza@swmpc.org](mailto:rahtza@swmpc.org), 269-925-1137 x23) at the Southwest Michigan Planning Commission, 185 E. Main St. Ste. 701, Benton Harbor, MI 49022.

Public Notice Regarding Twin Cities Area Transportation Study (TwinCATS) 2010 to 2013 Transportation Improvement Program (TIP) Project Selection

In accordance with the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the Twin Cities Area Transportation Study (TwinCATS) will be proposing 2010 to 2013 Transportation Improvement Program (TIP) projects. Any person wishing to comment on the proposed projects for TwinCATS may do so by coming to the Southwest Michigan Regional Airport, 1123 Territorial Road, Benton Harbor, Michigan 49022, at 10:00 AM on February 23, 2009 for a Public Hearing. For more information call 269.925.1137 ext 24. HP/adv February 18, 2009

# AFFIDAVIT OF PUBLICATION

STATE OF MICHIGAN

COUNTY OF BERRIEN } SS

Evelyn Marbut, being duly sworn and says that she is Inside Sales Supervisor of The Herald-Palladium, a newspaper published, printed and circulated in the County of Berrien, State of Michigan: That the annexed printed notice has been printed and published in said newspaper 1 times. Same being

on the following days, to wit:

February 18, 2009

Evelyn Marbut  
(Signature)

Subscribed and sworn to me this 25<sup>th</sup> Day of February A.D. 2009.

[Signature]  
NOTARY PUBLIC, Berrien County, Michigan

My commission expires 4-10 2012

# AFFIDAVIT OF PUBLICATION

STATE OF MICHIGAN

COUNTY OF BERRIEN } SS

Evelyn Marbut, being duly sworn and says that

she is Inside Sales Supervisor of The Herald-Palladium,

a newspaper published, printed and circulated in the

County of Berrien, State of Michigan: That the

annexed printed notice has been printed and published

in said newspaper 1 times. Same being

on the following days, to wit:

February 14, 2010

Evelyn Marbut  
(Signature)

Subscribed and sworn to me this 17<sup>th</sup> Day of  
February A.D. 20 10.

Lynne Christiano  
(Signature)  
NOTARY PUBLIC, Berrien County, Michigan

My commission expires 4-10 20 12.

**Public Notice Regarding  
Twin Cities Area  
Transportation  
Improvement Program  
2011-2014**

The Twin Cities Area Transportation Study will hold a public hearing to select transportation projects for federal Surface Transportation funding on **Friday, February 19, 2010 at 2:00pm** at Michigan Works! Shoreline Room in downtown Benton Harbor. In accordance with the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the list of

new projects that have been proposed is available at <http://swmpc.org/2010/tipprojects.asp>. Comments about the projects can be directed to Transportation Planners Nicholas Musson ( [nmusson@swmpc.org](mailto:nmusson@swmpc.org), 269-925-1137 x24) and Anna Rahta ( [araha@swmpc.org](mailto:araha@swmpc.org), 269-925-1137 x23) at the Southwest Michigan Planning Commission, 185 E. Main St. Ste. 701, Benton Harbor, MI 49022. HP/adv February 14, 2010

Ad Number: 4236566, Publication:

Public Notice Regarding  
Twin Cities Area Transportation  
Improvement Program 2011-  
2014

The Twin Cities Area Transportation Study will hold a public hearing to select transportation projects for federal Surface Transportation funding on Friday, February 19, 2010 at 2:00pm at Michigan World Shoreline Room in downtown Benton Harbor. In accordance with the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), the list of new projects that have been proposed is available at <http://swmpc.org/2014/tipprojects.asp>. Comments about the projects can be directed to Transportation Planners Nicholas Musson ([mussonn@swmpc.org](mailto:mussonn@swmpc.org), 269-925-1137 x24) and Anna Rahtz ([rahtza@swmpc.org](mailto:rahtza@swmpc.org), 269-925-1137 x23) at the Southwest Michigan Planning Commission, 185 E. Main St. Ste. 701, Benton Harbor, MI 49022.

11: 2: 14

**State of Indiana**  
**St. Joseph County ss:**

Personally appeared before me, a notary public in and for said county and state, the undersigned Carol Smith who, being duly sworn says that she is of competent age and is Advertising Director of The South Bend Tribune, a daily newspaper which for at least five (5) consecutive years has been published in the City of South Bend, county of St. Joseph, State of Indiana, and which during that time, has been a newspaper of general circulation, having a bona fide paid circulation, printed in the English language and entered, authorized and accepted by the post office department of the United States of America as mailable matter of the second-class as defined by the act of Congress of the United States of March 3, 1879, and that the printed matter attached hereto is a true copy, which was duly published in said newspaper.

1 time s, the dates of publication being as follows:

February 14, 2010

Carol Smith

Subscribed and sworn to before me this 14th day  
of February 2010

Leslie Ann Winey

Leslie Ann Winey  
Notary Public  
Resident of St. Joseph County

My commission expires December 21, 2016

Charges \$10.25

## Media Advisory

For Immediate Release

### Contact:

Anna Rahtz, Transportation Planner

[rahtza@swmpc.org](mailto:rahtza@swmpc.org)

(269) 925-1137 x 23

Nickolas Musson, Transportation Planner

[mussonn@swmpc.org](mailto:mussonn@swmpc.org)

(269) 925-1137 x 24

Southwest Michigan Planning Commission

185 E. Main St. - Suite 701

Benton Harbor, MI 49022

### Upcoming Meetings of the Twin Cities Area Transportation Study:

1 - TwinCATS TIP Project Selection Meeting Friday, February 19th, 2010 - 2:00pm  
Michigan Works! Shoreline Room, 499 W. Main St., Benton Harbor, MI

How should federal Surface Transportation dollars be spent in the greater Benton Harbor - St. Joseph area? All are welcome to attend and provide input. Local governments have submitted applications for projects, which are available online at <http://swmpc.org/2014tipprojects.asp>. At the meeting, the TIP (Transportation Improvement Program) Project Selection Committee will be deciding which projects should receive funding, with the help of public input. Comments, questions, or suggestions can be directed to transportation planners Nick Musson or Anna Rahtz at the contact information listed above.

2 - Regular Meeting of the Twin Cities Area Transportation Study Monday, February 22nd, 2010 - 10:00am Terminal, Southwest Michigan Regional Airport, 1123 Territorial Rd., Benton Harbor, MI

The agenda, last month's minutes, and handout are uploaded on the TwinCATS meeting webpage at [http://swmpc.org/twincats\\_fy\\_10.asp](http://swmpc.org/twincats_fy_10.asp). Agenda items include:  
High Speed Rail  
Benton Harbor local match

3 - Meeting of the TwinCATS Non-motorized Transportation Subcommittee Wednesday, February 24th, 2010 - 8:00am Abonmarche office, 95 W. Main St., Benton Harbor, MI

This is a follow-up to the Berrien County SMART Trails Input Meeting held at Andrews University on February 4, 2010. The main topics of discussion will be: what non-motorized connections need to be made in Berrien County, and what actions should be taken by the subcommittee members (such as evaluating TIP projects, identifying funding sources, etc)?

4 - High Speed Rail Meeting with Tim Hoeffner from MDOT Wednesday, February 24th, 2010 - 10:00am St. Joseph City Council Chambers, 700 Broad St., St. Joseph, MI

Tim Hoeffner, Administrator of Intermodal Policy Division at the Michigan Department of Transportation, will be presenting on the Midwest Regional Rail Initiative. Representatives of the communities along the Pere Marquette Amtrak rail line will be present to discuss with Tim the future of the Pere Marquette line. The agenda for this meeting will be discussed in further detail at the TwinCATS meeting on February 22nd.

###

## Which road projects should be done in the greater Benton Harbor – St. Joseph area?



In the year 2014, the Twin Cities Area Transportation study has **\$1.2 million** to spend on Surface Transportation projects.

Local agencies have proposed to do **\$2.5 million** worth of projects!!!

Proposed Project	Amount
Restore and rehabilitate <b>Hollywood Road</b> in Royalton Twp.	\$1,243,000
Resurfacing and drainage work on <b>Napier Ave.</b> in City of St. Joseph	\$435,600
Resurface <b>Pipestone St.</b> in City of Benton Harbor	\$292,000
Resurface <b>Brown School Rd.</b> in Village of Shoreham	\$250,000
Reconstruct <b>John Beers Rd.</b> in Village of Stevensville	\$233,056

The important decision of which projects to fund will be made in the Michigan Works! Shoreline Room  
at **2:00pm** on Friday, **February 19<sup>th</sup>**!

Please attend the meeting or send your input to transportation planners

Nickolas Musson – [mussonn@swmpc.org](mailto:mussonn@swmpc.org) – (269) 925-1137 x 24

Anna Rahtz – [rahtza@swmpc.org](mailto:rahtza@swmpc.org) – (269) 925-1137 x 23

Southwest Michigan Planning Commission, 185 E. Main St. Suite 701, Benton Harbor, MI 49022

**... Because transportation planning can't happen without you!!**

Full project applications and more information are available online at  
<http://swmpc.org/2014tipprojects.asp>.

## WISHLIST OF PROJECTS THAT WERE NOT SELECTED FOR FUNDING

*Should any of these projects be reconsidered? Let us know your opinions!*

- Reconstruction of **John Beers Rd.** from St. Joseph Ave. to DeMorrow Rd. and from Red Arrow Hwy to I-94, Village of Stevensville
- Mill/resurfacing/storm drainage work on **Napier Ave.** from Niles Ave. to Langley Ave., City of St. Joseph
- Mill and resurface and construct sidewalks on **Brown School Rd.** from Lakeshore Dr. East to Village Limits, Village of Shoreham
- Reconstruction of **Botham Ave.** from Niles Ave. to Morton Ave., City of St. Joseph
- Resurfacing of **Benton Center Rd.** from Napier Ave. to 300' N. of Empire Ave., Berrien County Road Commission/Benton Township
- Resurfacing of **Red Arrow Hwy** from Village of Stevensville to I-94, Berrien County Road Commission/Lincoln Township
- Resurfacing of **Red Arrow Hwy** from Linco Rd. to Village of Stevensville, Berrien County Road Commission/Lincoln Township
- Resurfacing of **Napier Ave.** from M-139 to I-94, Berrien County Road Commission/Benton Township
- Resurfacing of **Napier Ave.** from Broadway Ave. to M-139, Berrien County Road Commission/Benton Township
- Resurfacing of **Napier Ave.** from St. Joseph River to Broadway Ave., Berrien County Road Commission/Benton Township/St. Joseph Township
- Resurfacing of **Cleveland Ave.** from Hilltop Rd. to I-94, Berrien County Road Commission/St. Joseph Township/Lincoln Township

## OTHER PROJECTS

These projects do not compete against the local road projects for funding, but feel free to provide comments.

(federal costs listed after project description)

### PUBLIC TRANSPORTATION

- Twin Cities Area Transit Authority—**transit operations**
  - ◊ 2011 \$704,000; 2012 \$710,000; 2013 \$710,000; 2014 \$710,000
- Twin Cities Area Transit Authority—**transit vehicle replacement**
  - ◊ 2011 \$153,600; 2012 \$256,000; 2013 \$153,600

### MICHIGAN DEPARTMENT OF TRANSPORTATION

#### 2011

- Bridge construction on **Red Arrow Hwy** over I-196 one mile N. of I-94 (\$256,755)
- Construction on **Rideshare parking lot** on Nickerson Ave. at M-139 (\$24,556)

#### 2012

- Construction on **Rideshare parking lots** on Nickerson Rd., M-40 at M-43, and I-94 at M-40 (\$22,100)
- Preventive maintenance on **I-94** under John Beers Rd. (\$362,294)
- Resurfacing of **I-94 Eastbound** from Red Arrow Hwy for 1.6 miles East (\$7,380,000)

#### 2013

- Resurfacing of **I-94 Eastbound** from Sawyer Rd. to 0.5 miles N. of Red Arrow Hwy. (\$14,805,000)

Twin Cities Area Transportation Study  
Southwest Michigan Planning Commission

## Four-Year Transportation Improvement Program 2011-2014

What transportation improvements would you like to see in your community?



For more information contact:  
Transportation Planner Anna Rahtz  
Telephone: (269) 925-1137 x 23  
Email: rahtza@swmpc.org

## TIP—Transportation Improvement Program 2011-2014

### What is a "TIP"?

The Transportation Improvement Program is a federally required document for regional transportation planning organizations. It spells out all transportation projects that agencies would like to accomplish in a four-year period of time.

### Who are we?

The Twin Cities Area Transportation Study (TwinCATS) is a regional committee of local elected officials, engineers, and transit providers. Its mission is to ensure a comprehensive, coordinated, and continuing process of regional partnership in transportation planning.

TwinCATS is a federally designated organization for regional planning and distribution of federal funds for transportation projects (road projects, public transportation, interstate projects, and walking and biking paths).

The TwinCATS boundaries include the following communities:

- City of Benton Harbor
- City of St. Joseph
- City of Bridgman
- Village of Shoreham
- Village of Stevensville
- Benton Township
- Lake Township
- Lincoln Township
- Royalton Township
- Sodus Township
- Grand Beach (satellite)
- Michiana (satellite)



### We welcome your comments!

These projects were competitively selected for funding by local officials. Please submit your opinions or questions to Transportation Planner Anna Rahtz at (269) 925-1137 x 23 or rahtza@swmpc.org.

More information about the 2011-2014 TIP is available at

<http://swmpc.org/2014tipprojects.asp>.

All public comments will be recorded anonymously in the TIP, and the agencies proposing the projects in question will respond to them. **Comments must be submitted by June 1, 2010.**

### DRAFT PROJECT LIST

(federal costs listed after project description)

#### LOCAL ROAD PROJECTS

##### 2011 (\$1,047,000)

- Resurfacing of **California Rd.** from City of Bridgman to Red Arrow Hwy, Berrien County Road Commission / Lake Township (\$73,000)
- Reconstruction of **Lincoln Ave.** from John Beers Rd. to Maiden Ln, Berrien County Road Commission / Lincoln Township (\$486,000)
- Cold mill and resurface of **Territorial Ave.** from 4th St. to Fair Ave, City of Benton Harbor (\$486,000)
- Reconstruction of **S. State St.** from Granada Ave. to Wallace Ave. and reconstruction of Kingsley Ave. from S. State St. to 100' E. of S. State St., City of St. Joseph (\$208,000)

##### 2012 (\$1,080,100)

- Resurfacing and adding 3' wide shoulders on **Britain Ave.** from City of Benton Harbor to Crystal Ave, Berrien County Road Commission/Benton Township (\$186,000)
- Resurfacing and adding 3' wide shoulders on **Highland Ave.** from City of Benton Harbor to Crystal Ave., Berrien County Road Commission/Benton Township (\$227,000)
- Mill and resurface **Broadway Ave.** from Pipestone Ave. to Empire Ave, City of Benton Harbor (\$240,000)
- Reconstruction of **Lake St.** from Elm St. to Broad St., City of St. Joseph (\$236,100)
- Reconstruction of **S. State St.** from Granada Ave. to Wallace Ave. and reconstruction of Kingsley Ave. from S. State St. to 100' E. of S. State St., City of St. Joseph (\$191,000)

##### 2013 (\$1,115,000)

- Restore and rehabilitate **Hollywood Rd.** from M-63 to 55' S. of Glenlord Rd., Berrien County Road Commission/St. Joseph Township/Royalton Township (\$782,000)
- Mill and resurface **E. Empire Ave.** from Riverview Dr. to Colfax Ave., City of Benton Harbor (\$160,000)
- Reconstruction of **S. State St.** from Granada Ave. to Wallace Ave. and reconstruction of Kingsley Ave. from S. State St. to 100' E. of S. State St., City of St. Joseph (\$173,000)

##### 2014 (\$1,151,007)

- Restore and rehabilitate **Hollywood Rd.** from M-63 to 55' S. of Glenlord Rd., Berrien County Road Commission/St. Joseph Township/Royalton Township (\$1,151,007)

**May 21, 2010**

**For Immediate Release**

**Contact:**

Anna Rahtz  
Associate Planner - Transportation  
Southwest Michigan Planning Commission  
185 E. Main St. #701  
Benton Harbor, MI 49022  
(269) 925-1137 x. 23  
[rahtza@swmpc.org](mailto:rahtza@swmpc.org)

**Public comment period now open –  
Four-year plan for road and transit projects for the greater Benton Harbor - St.  
Joseph area**

The Twin Cities Area Transportation Study (TwinCATS) has developed its **four-year program of transportation projects**. This is a list of the road and transit projects that are being planned by local road agencies and transit agencies for fiscal years 2011-2014. The road projects were competitively selected for funding by a project selection committee of TwinCATS representatives. For more information on the Transportation Improvement Program development process, please see our website at <http://swmpc.org/2014tipprojects.asp>.

The attached brochure contains a draft list of 2011-2014 projects. Public comments are a vital part of the planning process. The formal comment period began May 18, 2010 and ends on June 21, 2010. Comment can be provided in person at the regular TwinCATS Technical Advisory Committee meeting on June 21, 2010 at 10:00 a.m. at the Southwest Michigan Regional Airport or submitted by mail, email, fax, or phone call to me at the contact information below.

###

Ad Number: 4251511, Publication: TR

Public comment period now open  
Four-year plan for road and transit projects for the greater Benton Harbor - St. Joseph area  
The Twin Cities Area Transportation Study (TwinCATS) has developed its four-year program of transportation projects. This is a list of the road and transit projects that are being planned by local road agencies and transit agencies for fiscal years 2011-2014. The road projects were competitively selected for funding by a project selection committee of TwinCATS representatives. To view the draft list, please see the Southwest Michigan Planning Commission website at <http://swmpc.org/2014tpprojects.asp>. Public comments are a vital part of the planning process. The formal comment period began May 18, 2010 and ends on June 21, 2010. Comment can be provided in person at the regular TwinCATS Technical Advisory Committee meeting on June 21, 2010 at 10:00 a.m. at the Southwest Michigan Regional Airport or submitted to Transportation Planner Anna Rahtz, Southwest Michigan Planning Commission, 185 E. Main St. - Suite 701, Benton Harbor, MI 49022 - rahtza@swmpc.org - tel (269)925-1137x23 - fax (269)925-0288. 11: 5: 30

**State of Indiana**  
**St. Joseph County ss:**

Personally appeared before me, a notary public in and for said county and state, the undersigned Carol Smith

who, being duly sworn says that she is of competent age and is Advertising Director of The South Bend Tribune, a

daily newspaper which for at least five (5) consecutive years has been published in the City of South Bend, county of St. Joseph, State of Indiana, and which during that time, has been a newspaper of general circulation, having a bona fide paid circulation, printed in the English language and entered, authorized and accepted by the post office department of the United States of America as mailable matter of the second-class as defined by the act of Congress of the United States of March 3, 1879, and that the printed matter attached hereto is a true copy, which was duly published in said newspaper.

1 time s, the dates of publication being as follows:

May 30, 2010

Carol Smith

Subscribed and sworn to before me this 30th day

of May 2010

Leslie Ann Winey

Leslie Ann Winey  
Notary Public  
Resident of St. Joseph County

My commission expires December 21, 2016

Charges \$13.23

# AFFIDAVIT OF PUBLICATION

STATE OF MICHIGAN

COUNTY OF BERRIEN } SS

Evelyn Marbut, being duly sworn and says that

she is Inside Sales Supervisor of The Herald-Palladium,

a newspaper published, printed and circulated in the

County of Berrien, State of Michigan: That the

annexed printed notice has been printed and published

in said newspaper 1 times. Same being

on the following days, to wit:

May 30, 2010

Evelyn Marbut  
Evelyn Marbut (Signature)

Subscribed and sworn to me this 4<sup>th</sup> Day of  
June A.D. 20 10

Lynne Christiano  
Lynne Christiano (Signature)  
NOTARY PUBLIC, Berrien County, Michigan

My commission expires 4-10 20 12

Public comment period now open - Four-year plan for road and transit projects for the greater Benton Harbor - St. Joseph area

The Twin Cities Area Transportation Study (TwinCATS) has developed its four-year program of transportation projects. This is a list of the road and transit projects that are being planned by local road agencies and transit agencies for fiscal years 2011-2014. The road projects were competitively selected for funding by a project selection committee of TwinCATS representatives. To view the draft list, please see the Southwest Michigan Planning Commission website at <http://swmpc.org/2014tip-projects.asp>. Public comments are a vital part of the planning process. The formal comment period began May 18, 2010 and ends on June 21, 2010. Comment can be provided in person at the regular TwinCATS Technical Advisory Committee meeting on June 21, 2010 at 10:00 a.m. at the Southwest Michigan Regional Airport or submitted to Transportation Planner Anna Rabitz, Southwest Michigan Planning Commission, 185 E. Main St. - Suite 701, Benton Harbor, MI 49022 - [rahitz@swmpc.org](mailto:rahitz@swmpc.org) - tel: (269)925-1137x23 - fax: (269)925-0288.  
HP/ahb May 30, 2010

**June 14, 2010**

**Media Advisory**

**For Immediate Release**

**Contact:** Anna Rahtz, Transportation Planner  
(269) 925-1137 x 23  
[rahtza@swmpc.org](mailto:rahtza@swmpc.org)

Trevor Thomas, Transportation Planner  
(269) 925-1137 x 24  
[thomast@swmpc.org](mailto:thomast@swmpc.org)

**Upcoming Meeting of the Twin Cities Area Transportation Study (TwinCATS)**

The meeting will be held:

**Monday June 21, 2010**  
Southwest MI Regional Airport  
1123 Territorial Rd  
Benton Harbor, MI 49022  
10:00am

Agenda items include:

- Feature presentation by Brad Peterson, Michigan Department of Transportation on *Context Sensitive Solutions – designing roads to fit the people and the environment.*
- Approval of list of road and transit projects for 2011 through 2014
- Changes to Michigan Department of Transportation highway projects for 2010
- Approval of transportation planning work program for fiscal year 2011

**Your input is needed!**

The public comment period is open for the 2011-2014 Transportation Improvement Program (list of road and transit projects being funded in 2011-2014) and the 2011 Unified Work Program (list of transportation planning tasks for the year). The links to these documents are available at [www.swmpc.org](http://www.swmpc.org). Comments can be submitted in person at the meeting or sent to transportation planners Anna Rahtz or Trevor Thomas at the contact information above by June 21, 2010.

More information about TwinCATS can be found at <http://swmpc.org/twincats.asp>. Detailed meeting information can be found at [http://swmpc.org/twincats\\_fy\\_10.asp](http://swmpc.org/twincats_fy_10.asp).

###

## **APPENDIX C – Consultation Information and Comments Received**



## **SOUTHWEST MICHIGAN PLANNING COMMISSION**

185 East Main Street, Suite 701, Benton Harbor, MI 49022  
Phone: 269-925-1137 • Website: [www.swmicomm.org](http://www.swmicomm.org)

May 18, 2010

Dear Transportation Stakeholder:

Are you familiar with the Twin Cities Area Transportation Study (TwinCATS)? Are you aware that your agency or local government influences TwinCATS? Enclosed with this letter, you will find a flyer describing TwinCATS, the Southwest Michigan Planning Commission (SWMPC), and transportation planning in Southwest Michigan.

I also want to notify you that the SWMPC has developed the Transportation Improvement Program (TIP) for fiscal years 2011-14 and is now accepting comment on this document. This is a list of the road and transit projects that are being planned by local road agencies and transit agencies for fiscal years 2011-2014. The road projects were competitively selected for funding by a project selection committee of TwinCATS representatives. For more information on the Transportation Improvement Program development process, please see our website at <http://swmpc.org/2014tipprojects.asp>.

Enclosed with this letter are the draft list of 2011-2014 projects and two of the Environmental Justice Analysis maps showing the project locations. The Environmental Justice maps show the locations of transportation projects in relation to the areas with a higher-than-average minority or low-income population. This analysis shows how much transportation investment is going into minority and low-income areas. For the purpose of this analysis, minority is defined as a combination of American Indian, Asian, Black, and Hispanic. For the individual minority maps and more information on the progress of the 2011-2014 Transportation Improvement Program, please visit our website at <http://swmpc.org/2014tipprojects.asp>.

Please share this communication with others at your agency. Your comments are an important part of the planning process. The formal comment period begins May 18, 2010 and ends on June 21, 2010. Comment can be provided in person at the regular TwinCATS Technical Advisory Committee meeting on June 21, 2010 at 9:30 a.m. at the Southwest Michigan Regional Airport or submitted by mail, email, fax, or phone call to me at the contact information below. Also, please let me know if you would like to be added to the email list to receive monthly updates on regional transportation.

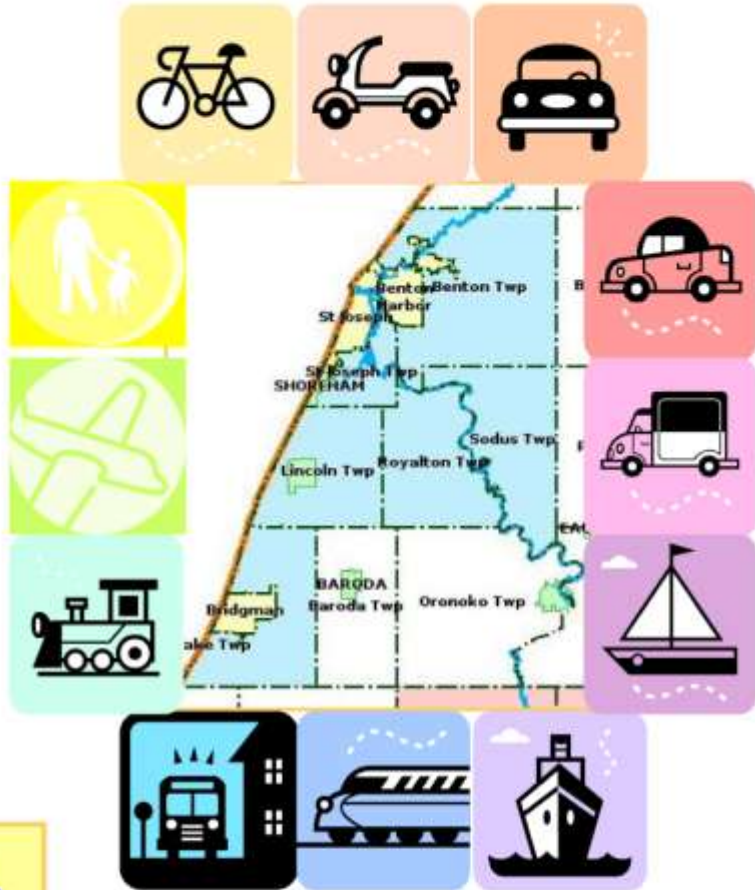
Sincerely,

Anna Rahtz  
Southwest Michigan Planning Commission  
185 E. Main, Suite 701  
Benton Harbor, MI 49085  
Fax: 269.925.0288  
E-mail: [rahtza@swmpc.org](mailto:rahtza@swmpc.org)



# What are your thoughts about transportation in the Twin Cities area?

- The Southwest Michigan Planning Commission is the metropolitan planning organization (MPO) for the Twin Cities Area Transportation Study (TwinCATS). The TwinCATS area is illustrated at right.
- An MPO is responsible for transportation planning and decision-making that is cooperative, comprehensive, and continuing that encompasses all modes of transportation (i.e. car, bike, foot, boat, air, rail). It also distributes state and federal money for transportation projects.



We always need your ideas and participation!

## TwinCATS Meeting Schedule

*All meetings are at  
 Southwest MI Regional Airport  
 1123 Territorial Rd  
 Benton Harbor, MI 49022  
 9:30am Technical Advisory Comm.  
 10:30am Policy Committee  
 (Similar material covered at both)*

June 21, 2010

July 19, 2010

August 16, 2010

September 20, 2010

Attend a monthly meeting, visit our website, or contact our office to:

- Get added to our e-mail list
- Share your thoughts and ideas
- Keep up on TwinCATS news
- Participate in the RideShare program

Check out our website at  
<http://swmpc.org/twincats.asp>

For more info contact transportation planner:

- Anna Rahtz  
[rahtza@swmpc.org](mailto:rahtza@swmpc.org)—(269) 925-1137 x 23

**Table 9. TwinCATS Consultation Contacts**

**Agency Contacts**

Agency Name	Department	Address	PO Box	City	State	Zip
State Historic Preservation Office	Preserve America	702 West Kalamazoo	P.O. Box 30740	Lansing	MI	489098240
The Nature Conservancy		3778 West River Drive NE		Comstock Park	MI	49321
Twin Cities Area Transportation Authority		275 East Wall Street	PO BOX 837	Benton Harbor	MI	49022
United Way of Southwest Michigan		185 East Main Suite 600	P.O. Box 807	Benton Harbor	MI	49022
Village of Grand Beach		48200 Perkins Boulevard		Grand Beach	MI	49117
Village of Michiana		4000 Cherokee Street		New Buffalo	MI	49117
Village of Shoreham		2862 West Garden Lane		St Joseph	MI	49085
Village of Stevensville		5768 St Joseph Avenue		Stevensville	MI	49127
Wightman & Associates, Inc		2303 Pipestone Road		Benton Harbor	MI	49022
Wightman & Associates, Inc		2303 Pipestone Road		Benton Harbor	MI	49022
WSKM-FM		925 North 5th		Niles	MI	49120
Abonmarche Consultants, Inc.		95 W. Main Street		Benton Harbor	MI	49022
Area Agency on Aging	Berrien	2900 Lakeview Avenue		St Joseph	MI	49085
Benton Charter Township		1725 Territorial Road		Benton Harbor	MI	49022
Berrien Co. Community Development		701 Main Street		St. Joseph	MI	49085
Berrien County	Administration	701 Main Street		St. Joseph	MI	49085
Berrien County	Parks & Recreation	701 Main Street		St. Joseph	MI	49085
Berrien County	Parks & Recreation	701 Main Street		St. Joseph	MI	49085
Berrien County	Public Transportation		PO BOX 186	Berrien Springs	MI	49103

Berrien County	Road Commission	2860 East Napier Avenue	PO BOX 768	Benton Harbor	MI	49023
Berrien County Board of Commissioners		701 Main Street		St. Joseph	MI	49085
Berrien County Conservation District		3334 Edgewood Rd		Berrien Springs	MI	49103
Berrien County Drain Commissioner		701 Main Street		St. Joseph	MI	49085
Berrien County Historical Association			PO BOX 261	Berrien Springs	MI	49103
Benton Harbor Public Library		213 East Wall Street		Benton Harbor	MI	49022
Berrien Regional Education Service Agency		711 St Joseph Avenue		Berrien Springs	MI	49103
Berrien Springs Public Schools		One Sylvester Avenue		Berrien Springs	MI	49103
Bridgman Public Schools		9964 Gast		Bridgman	MI	49106
Coloma Community Schools		2518 Boyer Road	P.O. Box 550	Coloma	MI	49038
Eau Claire Public Schools		6109 West Main Street	P.O. Box 398	Eau Claire	MI	49111
Galien Township Schools			P.O. Box 248	Galien	MI	491130248
Lakeshore Public Schools		5771 Cleveland Avenue		Stevensville	MI	49127
New Buffalo Area Schools		1112 E. Clay Street		New Buffalo	MI	49117
New Buffalo Township Public Library		33 North Thompson		New Buffalo	MI	49117
River Valley Schools		15480 Three Oaks Road		Three Oaks	MI	49128
St. Joseph Public Schools	Administration	3275 Lincoln Ave		St. Joseph	MI	49085
St. Joseph Public Schools	Transportation	250 Palladium Drive		St. Joseph	MI	49085
Berrien County Planning Commission		701 Main Street		St. Joseph	MI	49085
Berrien County Record		206 Main Street	PO BOX 191	Buchanan	MI	49107
Berrien Regional Education Service Agency		711 St Joseph Avenue		Berrien Springs	MI	49103

Berrien Regional Education Service Agency		711 St Joseph Avenue		Berrien Springs	MI	49103
Berrien Springs/Eau Claire Chamber of Commerce			PO BOX 177	Berrien Springs	MI	49103
Bridgman Area Chamber of Commerce		4261 Lake St.	P.O. Box 871	Bridgman	MI	49106
CARE-A-VAN		6001 Mountain Road	PO BOX 487	Coloma	MI	49038
City of Benton Harbor		200 East Wall Street		Benton Harbor	MI	49022
City of Benton Harbor	Dept of Public Works	200 East Wall Street	PO BOX 648	Benton Harbor	MI	49022
City of Bridgman		9765 Maple Street	PO BOX 366	Bridgman	MI	49106
City of St Joseph		700 Broad Street		St Joseph	MI	49085
Coloma/Watervliet Area Chamber of Commerce			P.O. Box 1028	Coloma	MI	49038
Consumer's Energy Inc		27780 Blue Star Highway		Covert	MI	49043
Consumers Power Company		2500 E Cork Street		Kalamazoo	MI	49001
Cornerstone Alliance		38 West Wall Street	PO BOX 428	Benton Harbor	MI	49023
Department of Human Services	Berrien County	401 8th Street	PO Box 1407	Benton Harbor	MI	49022
Federal Highway Administration	Michigan Division	315 West Allegan St RM 207		Lansing	MI	48933
Federal Highway Administration	Michigan Division	315 West Allegan St RM 207		Lansing	MI	48933
FOX 28 News			PO BOX 28	South Bend	IN	46624
Friends of the St Joseph River			PO Box 354	Athens	MI	49011
Harbor Country Chamber of Commerce		530 South Whittaker		New Buffalo	MI	49117
Harbor Country News		116 North Whittaker Street		New Buffalo	MI	49117
Lake Charter Township			PO BOX 818	Bridgman	MI	49106
Lakeshore Chamber of Commerce		4290 Red Arrow Highway	PO BOX 93	Stevensville	MI	49127

Land Conservancy of West Michigan		1345 Monroe Avenue, NW		Grand Rapids	MI	495054693
Lincoln Charter Township		2055 West John Beers Road	PO BOX 279	Stevensville	MI	49127
MDOT	Bureau of Transportation PIng	425 W. Ottawa Street	PO BOX 30050	Lansing	MI	48909
MDOT	Coloma TSC	3880 Red Arrow Highway		Benton Harbor	MI	49022
MDOT	Multi-Modal Transportation Services Bureau	Passenger Transportation Division	P.O. Box 30050	Lansing	MI	48909
MDOT	Non-Motorized Transportation	425 West Ottawa Street	PO BOX 30050	Lansing	MI	48909
MDOT	Southwest Region	1501 East Kilgore Road		Kalamazoo	MI	49001
MDOT	Southwest Region	1501 East Kilgore Road		Kalamazoo	MI	49001
MDOT	Urban/Public Transportation	425 West Ottawa Street	PO BOX 30050	Lansing	MI	48909
Michiana Area Council of Governments		1120 County-City Building		South Bend	IN	46601
Michigan Dept Environmental Quality	Air Quality Division		P.O. Box 30260	Lansing	MI	48909
Michigan Dept Environmental Quality	Head Quarters	525 West Allegan Street	P.O. Box 30473	Lansing	MI	489097973
Michigan Dept of Natural Resources	Lansing		P.O. Box 30452	Lansing	MI	48909
Michigan Dept of Natural Resources	Plainwell	621 North 10th Street		Plainwell	MI	49080
Michigan Dept of Natural Resources	Plainwell	621 North 10th Street		Plainwell	MI	49080
Michigan Economic Develop Corp		300 North Washington Square, 3rd Floor		Lansing	MI	48913
Michigan Works	Benton Harbor	499 W. Main Street		Benton Harbor	MI	49022
MSU Extension	Berrien County	1737 Hillandale Road		Benton Harbor	MI	49022
National Railroad		600 Dey		Niles	MI	49120

Passenger Corp		Street				
Natural Resources Conservation Service	Berrien County	3334 Edgewood Road		Berrien Springs	MI	491039553
New Buffalo Times		140 North Whittaker		New Buffalo	MI	49117
NW Indiana Regional Plan. Commission		6100 Southport Road		Portage	IN	46368
Pokagon Band of Potawatomi Indians		58620 Sink Road	P.O. Box 180	Dowagiac	MI	49047
Royalton Township		980 Miners Road		St Joseph	MI	49085
Sarett Nature Center		2300 Benton Center Road		Benton Harbor	MI	49022
Sodus Township		4056 King Drive	PO BOX 176	Sodus	MI	49126
South Bend Tribune		225 W. Colfax Avenue		South Bend	IN	46625
Southwest Michigan Community Action Agency		185 E. Main Street, Suite 200		Benton Harbor	MI	49022
Southwest Michigan Land Conservancy		6851 South Sprinkle		Portage	MI	490029708
Southwest Michigan Regional Airport		1123 Territorial Road		Benton Harbor	MI	49022
Southwestern Michigan Tourist Council		2300 Pipestone		Benton Harbor	MI	49022
St. Joseph Charter Township		3000 Washington Avenue	PO BOX 147	St Joseph	MI	49085
St. Joseph Today		413 State Street		St Joseph	MI	49085
Benton Harbor Area Schools	Administration	823 Riverview Drive		Benton Harbor	MI	49023
Benton Harbor Area Schools	Transportation	1121 Milton		Benton Harbor	MI	49022

### TwinCATS Media Contacts

Name	Department	Address	PO Box	City	State	Zip
WKZO AM 590		4200 West Main Street		Kalamazoo	MI	49006
Tri-City Record		138 North Main Street	PO Box 7	Watervliet	MI	49098
Herald Palladium		3450 Hollywood	PO Box 128	St Joseph	MI	49085
WSBT Radio NewsTalk 960		1301 E. Douglas		Mishawaka	IN	46545
WNDV U93		3371 Cleveland Road		South Bend	IN	46628
Andrews University	WAUS-FM	N US HWY 31		Berrien Springs	MI	49103
WCXT 98.3 the Coast			P.O. Box 107	St. Joseph	MI	49085
Dowagiac Daily News		205 Spaulding Street		Dowagiac	MI	49047
WSJM NEWS			PO Box 107	St Joseph	MI	49085
Farmer's Exchange		19401 Industrial Drive	P.O. Box 45	New Paris	IN	46533
Herald Palladium		3450 Hollywood	PO Box 128	St Joseph	MI	49085
WSBT-TV (Channel 22)		300 West Jefferson Blvd		South Bend	IN	46601
Area Agency on Aging	Berrien	2900 Lakeview Avenue		St Joseph	MI	49085
WYTZ 97.5 Y Country			P.O. Box 107	St. Joseph	MI	49085
WSBT-TV (Channel 22)		300 West Jefferson Blvd		South Bend	IN	46601
WWMT- CHANNEL 3 NEWS		590 West Maple		Kalamazoo	MI	49001
WNIT-TV 34			PO BOX 3434	Elkhart	IN	46515

WHFB Radio Stations		2100 Fairplain	Benton Harbor	MI	49022
Decatur Republican		121 South Phelps	PO Box 36 Decatur	MI	49045
Marcellus News		149 East Main	P.O. Box 277 Marcellus	MI	49067
WIRX Rock 107			P.O. Box 107 St. Joseph	MI	49085
Western Michigan University	WMUK-PUBLIC RADIO	Western Michigan University	Kalamazoo	MI	49008
Kalamazoo Gazette		401 South Burdick	Kalamazoo	MI	49007
WKZO AM 590		4200 West Main Street	Kalamazoo	MI	49006
South County Gazette		110 North Elm Street	PO BOX 303 Three Oaks	MI	49128
WNIT-TV 34			PO BOX 3434 Elkhart	IN	46515
WAOR 95.3		237 West Edison Road	Mishawaka	IN	46545
WNDV U93		3371 Cleveland Road	South Bend	IN	46628
WHFB Radio Stations		2100 Fairplain	Benton Harbor	MI	49022
Western Michigan University	WMUK-PUBLIC RADIO	Western Michigan University	Kalamazoo	MI	49008
WSBT-TV (Channel 22)		300 West Jefferson Blvd	South Bend	IN	46601
Andrews University	WAUS-FM	N US HWY 31	Berrien Springs	MI	49103
Niles Daily Star		217 North Fourth Street	Niles	MI	49120
WSJV-TV CHANNEL 28 NEWS		58096 County Road 7S	Elkhart	IN	46515

Benton Spirit		P.O. Box 465	Benton Harbor	MI	49023
WNDU-TV (Channel 16)		PO BOX 1616	South Bend	IN	46634
Western Michigan University	WMUK- PUBLIC RADIO	Western Michigan University	Kalamazoo	MI	49008

## Comments Received

Responses to all comments were provided by TwinCATS members at the June 21, 2010 meeting.

- February 16, 2010 – “M-139 (FAIR AVE) From BI0094 to Britain. Storm Drain system needs to be updated completely.”  
*Response from MDOT - Coloma Transportation Service Center:* “We know this is a problem, and it will be addressed at the same time as other work is being done on M-139. This is not currently in the five-year program or on the Illustrative List of Projects.”
- March 12, 2010 – “How do we get a new train station in to the 5 year plan? The train station currently resides in a corner of the Silver Beach restaurant. It is sufficient for now, but with our plans to grow ridership and increase frequencies, we need to at least start to get this some visibility. If you look up and down the line, we have the most out-of-date station.”  
*Response from the City of St. Joseph:* “Agreed! As discussed in a meeting last week, we know we need to start thinking more about how we can improve facilities for rail passengers, and we will continue talking about it.”
- May 20, 2010 – “The comment I would like to offer is that I hope every project is planned such that there are minimum 4’ paved shoulders for pedestrians or bicycles. I am particularly interested in ensuring that the Lincoln Avenue project between Maiden Lane and John Beers is constructed with wide paved shoulders. Is that the plan?”  
*Response from the Berrien County Road Commission:* “As of now the plan is to keep the gravel shoulders. If we can find more funding we could construct a shoulder.”  
*Note:* There is \$60,000 remaining in the TIP for FY 2010 which has not been spent. \$60,000 would not be sufficient to construct a shoulder on that segment of Lincoln Avenue.

## **APPENDIX D – Resolutions of Approval**

### **A RESOLUTION APPROVING THE TWIN CITIES AREA TRANSPORTATION STUDY (TWINCATS) FISCAL YEARS 2011-2014 TRANSPORTATION IMPROVEMENT PROGRAM**

**WHEREAS**, the Southwest Michigan Planning Commission is the state-designated Metropolitan Planning Organization (MPO) for the Benton Harbor-St. Joseph Urbanized Area; and

**WHEREAS**, the Twin Cities Area Transportation Study (TwinCATS) is responsible for the development of a Transportation Improvement Program (TIP) for the Metropolitan Planning Organization; and

**WHEREAS**, the TIP is required by both the Federal Highway Administration and the Federal Transit Administration; and

**WHEREAS**, the TwinCATS Fiscal Years 2011-2014 TIP has been developed and certified in accordance with the requirements of 23 CFR 450 in cooperation with state and local officials, with opportunities for public involvement, review and input; and

**WHEREAS**, the TwinCATS FY2011-2014 TIP meets the principles and intent of Environmental Justice; and

**WHEREAS**, the TwinCATS FY2011-2014 TIP and 2010-2035 Long Range Transportation Plan were modeled for and found in conformity with Air Quality Standards and the TwinCATS FY2011-2014 Transportation Improvement Program proposed projects have been reviewed by the Interagency Work Group; and

**WHEREAS**, the Federal and non-federal programmed expenditures in the TwinCATS FY2011-2014 TIP are constrained with the amount of revenues expected to be available during the three-year period;

**NOW, THEREFORE BE IT RESOLVED**, this the 20<sup>th</sup> day of July, 2010, that the Southwest Michigan Planning Commission, as the Metropolitan Planning Organization, finds the TwinCATS FY2011-2014 TIP consistent with the goals of the TwinCATS 2035 Long Range Transportation Plan, fiscally constrained, in conformity with Air Quality Standards and hereby approves the FY2011-2014 TwinCATS Transportation Improvement Program.

**ATTEST:**

\_\_\_\_\_  
**Linda Preston, Chair**  
**Southwest Michigan Planning Commission**

**ATTEST:**

\_\_\_\_\_  
**John Egelhaaf, Executive Director**  
**Southwest Michigan Planning Commission**

## APPENDIX E– Self-Certification

### METROPOLITAN TRANSPORTATION PLANNING PROCESS CERTIFICATION

(For Nonattainment and Maintenance Areas)

In accordance with 23 CFR 450.334, the Michigan Department of Transportation and the Southwest Michigan Planning Commission, the Metropolitan Planning Organization for the Benton Harbor/St. Joseph Michigan Urbanized Area, hereby certify, as part of the STIP submittal, that the transportation planning process is addressing the major issues in the metropolitan planning area and is being conducted in accordance with all applicable requirements of:

- I. 23 U.S.C. 134, 49 U.S.C. 5303, and 23 CFR 450.334;
- II. Sections 174 and 176(c) and (d) of the Clean Air Act, as amended (42 U.S.C 7504 and 7506(c) and (d)) and 40 CFR part 93;
- III. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;
- IV. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
- V. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
- VI. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
- VII. The provisions of the Americans with Disabilities Act of 1990 (42 U.S. C. 12101 *et seq.*) and 49 CFR parts 27, 37, and 38;
- VIII. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
- IX. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
- X. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.

\_\_\_\_\_  
John Egelhaaf, Executive Director  
Southwest Michigan Planning Commission

\_\_\_\_\_  
Susan Mortel, Director  
Bureau of Transportation Planning

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date