



## TWIN CITIES AREA TRANSPORTATION STUDY

### POLICY COMMITTEE MEETING

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**FOR FURTHER INFORMATION CONTACT:**

**Gautam Mani**, *Transportation Planner*

**Kim Gallagher**, *Transportation Planner*

(269)-925-1137 Ext: 1524 & 1518

**DATE:** Monday February 22, 2016

**TIME:** 10:30AM

**PLACE:** St. Joseph City Commission Chambers, 2nd  
Floor of 700 Broad St in St. Joseph

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**AGENDA** Comments will be solicited on each item following discussion and prior to any final action.

**1. Call to Order / Introductions**

**2. Changes to the Agenda**

**3. Public Comment**

**4. Approve Minutes of the February 18, 2016 Policy Committee Meeting (enclosed) ACTION**

**5. Staff Report**

- None

**6. Public Transit**

- Twin Cities Area Transportation Authority

**7 Committee Reports**

- Regional Inclusive Community Coalition (RICC)\*
- Walk and Roll Non-Motorized Planning Process

**8. Community Land Use and Zoning Member Updates**

**9. Agency Project Status Reports**

- City of St. Joseph, City of Benton Harbor, Berrien Road Commission,  
Michigan Department of Transportation

**10. Old Business**

**11. New Business**

- Subcommittee Recommendations for Projects to use \$871,925 in TwinCATS  
Road funding for 2017-2020 (multiple enclosures) ACTION
- State and Federal Updates

**12. Privilege of the Floor**

**13. Adjournment**

- The next TwinCATS Policy Committee is scheduled for : Monday, March 21, 2016 @ 10:30 am

*\*RICC is a local grassroots group of people that is funded and supported by the Michigan Developmental Disabilities Council Members include people with disabilities, family members, friends, local advocates, community leaders and service providers.*

# TWIN CITIES AREA TRANSPORTATION STUDY

Policy Committee

## Minutes

January 25, 2016

10:30 A.M.

St. Joseph City Commission Chambers

<b>POLICY MEMBERS PRESENT:</b>	Calli Berg, Benton Charter Township Denise Cook, St. Joseph Charter Township Vince DesJardins, Southwest Michigan Regional Airport Erin Jolivet, MDOT Coloma Office Jason Latham, MDOT Southwest Region Carolyn Fowler, Benton Charter Township William Hodge, Berrien County Planning Commission John Olson, Village of Shoreham, Village of Stevensville, Royalton Township Bill Purvis, Twin Cities Area Transportation Authority Dan Roberts, MDOT Kalamazoo TSC Roger Seely, St. Joseph Charter Township Dick Stauffer, Lincoln Charter Township
<b>POLICY MEMBERS ABSENT:</b>	Bill Chickering, Berrien County Board of Commissioners Andrea Dewey, Federal Highway Administration (ex officio) Juan Ganum, City of Bridgman John Gast, Lake Charter Township Representative, Sodus Township John Lanum, MDOT Statewide Planning Tim Lynch, Berrien County Road Commission Stewart McKenzie, Federal Transit Administration (ex officio) Brad Sharlow, MDOT (ex officio) Darwin Watson, City of Benton Harbor Representative, Cornerstone Alliance
<b>SWMPC STAFF PRESENT:</b>	Kim Gallagher Gautam Mani

### 1. CALL TO ORDER:

Stauffer called the meeting to order at 11:04 a.m. and led the group in introductions.

### 2. CHANGES TO THE POSTED AGENDA

There were no changes requested to the posted agenda.

### 3. PUBLIC COMMENT

None.

### 4. MINUTES

A motion by Hodge with support by Stauffer to approve the minutes of the November 16, 2015 Policy Committee Meeting. **Motion Passed.**

## 5. STAFF REPORT

### ▪ **Fixing America's Surface Transportation FAST Act Summary**

Mani said that since the committees had last met in November, Congress had passed a new transportation bill, known as the FAST Act. The FAST Act increases transportation investment nationwide primarily through non-transportation revenue sources. Included in committee members' meeting packets was a brief, preliminary analysis of what the FAST Act would mean for the TwinCATS and NATS MPOs.

The FAST Act largely maintains the program structure of MAP-21, the previous transportation authorization. Mani said that more information would be provided once further estimates were developed at the state level. However, it is safe to say that the TwinCATS MPO would receive an increase in Surface Transportation Program funding over current levels for the next several years.

The FAST Act also breaks precedent by including passenger rail in the main transportation authorization. Previously, Amtrak was authorized under a separate bill. Amtrak will still need to go through the appropriations process annually, but inclusion in the main transportation authorization provides a longer-term policy vision for the agency.

### ▪ **Benton Harbor Safe Routes to School**

Mani directed committee members to an article from the Herald Palladium in their packets about two schools in Benton Township that were undertaking the Safe Routes to School process: Hull International Academy on Territorial Road and the Arts and Communication Academy on Napier Avenue. Mani said that SWMPC had been approached by the principals of the two schools about their interest in providing better walking and bicycling facilities and undertaking a planning process as is required to use Safe Routes to School funds. Mani said that SWMPC had convened an initial meeting with stakeholders from MDOT, the schools, and the Berrien County Road Commission. Michigan State University was now assisting MDOT with the survey and data gathering process for the schools. Mani said that at the initial meeting, MDOT and others were quite surprised by the extent of the ROW and safety issues in the area. The project will need to be done in phases, which poses complications in the planning process for Safe Routes to School.

Purvis pointed out the concern that the schools using Safe Routes money might close. Gallagher and Mani said that was always a valid concern, but with these two schools, there would be benefits to having sidewalks, non-motorized paths, or bicycle lanes to the public at large even if schools were closed.

Gallagher said that the Safe Routes program funds infrastructure improvements such as new sidewalks or non-motorized paths, and that a small portion of the grant goes towards educational activities on walking. The grants are usually for \$200,000. The tricky thing with Safe Routes to School funding is that if you use the funding to build 5-foot sidewalks, they must be on both sides of the road.

### ▪ **CMAQ Funding Update**

Mani noted that an update on Congestion Mitigation and Air Quality (CMAQ) projects funded within Berrien County and throughout the TwinCATS area had been provided in meeting packets. Mani advised committee members that in Michigan, new activities were now eligible for CMAQ funds, including:

- Installation of new, 5-foot wide sidewalks on a case-by-case basis.
- Replacement of municipal and county fleet vehicles, including the cabs and chassis of certain types of plow trucks

Other activities such as 10-foot wide non-motorized paths, traffic signal replacements, and bus replacements are still eligible for CMAQ funds.

Gallagher showed a graphic with the percentage of CMAQ funds in Berrien County that go towards each type of project from 2017-2020. Transit buses use approximately 61% of the CMAQ funds, per Berrien County's policy of using CMAQ funding to take care of transit agency needs.

- **2017-2020 Call for Projects Released**

Mani said that despite the funding increase under the FAST Act, MDOT was still advising MPOs to be conservative with their STP funding targets for 2017-2020. Mani said that TwinCATS was keeping its funding estimate flat at 2017 levels by assuming revenues of \$871,925 per year, so this was still a conservative estimate. Projects can be added or modified once new estimates come in from the state.

Applications are due on February 8<sup>th</sup> by 5 PM via email. An application has been sent out to every jurisdiction that is eligible to apply for this funding. The eligible entities include the City of Bridgman, City of Benton Harbor, City of St. Joseph, Village of Stevensville, Village of Shoreham, and the Berrien County Road Commission. Townships should apply through the Road Commission. The application and more information about the TIP are available at: <http://www.swmpc.org/tcats1720tip.asp>.

## 6. PUBLIC TRANSIT

- **SWMPC Transit Updates**

None.

- **TCATA Updates**

Purvis reported that in 2015, TCATA's ridership had gone down for the first time since 2010. Ridership on fixed route is still increasing, but demand-response ("dial-a-ride") ridership is decreasing. Purvis said that one key issue is a shortage of drivers. TCATA and other transit agencies in Berrien County were struggling to hire drivers to replace new ones that were leaving. Purvis said that another issue was the new dispatching system where all rides were scheduled.

## 7. COMMITTEE REPORTS

- **Regional Inclusive Community Coalition (RICC)**

Mani noted that at the TAC meeting, Johnson had reported out on the RICC's letter supporting better transit coordination throughout Berrien County. Johnson reported that the RICC had, at its last meeting, begun work on a letter expressing its continued support for consolidated or highly-coordinated transit throughout Berrien County, and the benefits that high-quality transit service would provide. Johnson said that she anticipated the letter being completed by the February RICC meeting.

- **Walk and Roll Report**

Mani noted that a member of the public had commented on the lack of activity on the Walk and Roll committee of late. Mani said that ideally, the Walk and Roll committee would have met by now to discuss 2017-2020 projects and whether they met the Complete Streets Policy. However, consideration of the Complete Streets Policy will need to be folded into the Project Selection Committee in order to get initial projects selected in time for MDOT's deadlines.

## **8. COMMUNITY LAND USE AND ZONING UPDATES**

Gallagher congratulated St. Joseph Township on having gotten Eagle Technologies to move into the area. They will be adding 100 new high-tech jobs at the former Greentree Composites building.

## **9. PROJECT UPDATES**

Gallagher and Mani noted that written project updates for TCATA and MDOT were distributed, and are attached at the end of these minutes. Other project updates are listed below.

### **City of Benton Harbor:**

1. Pipestone at Wall Street traffic signal replacement for \$99,719 in federal funds. Will be having a Grade Inspection (GI) meeting in February.
2. Pipestone at Britain Traffic Signal replacement for \$160,000 in federal funds. Will be having pre-construction meetings this week for a spring construction.

### **Berrien County Road Commission**

1. Shawnee Road from Jericho Road to the City limits of Bridgman resurfacing for \$373,658 in federal funds and a local cost of \$91,066. Will have final plans submitted as of January 25th.
2. Pipestone at Napier Traffic Signal Replacement for \$225,000 in federal funds is under construction.

### **City of St. Joseph**

1. Lakeview Avenue reconstruct from Hilltop to Highland for \$90,000 in federal funds and \$370,000 in local funds. The City anticipates making the May project letting.

## **10. OLD BUSINESS**

None.

## **11. NEW BUSINESS**

- **Review and Approval of Project Prioritization Procedure for 2017-2020 STP funds**

Mani verified that all those present in the room had adequately heard the discussion at the TAC meeting regarding the project prioritization procedure and the concerns regarding local match and planning criteria [Please consult the minutes of the January 25, 2016 Technical Advisory Committee (TAC) meeting for a full description of the discussion.]. All verified that they had been there, so Mani said he would not go through a full description again.

A motion by Seely with support by Purvis to approve use of the project scoring system with the understanding that Section 2a., Section 6a and Section 6b be subject to a "sensitivity analysis" to see if they impact the projects that are selected, that the criterion regarding safety project applications be eliminated, and with the understanding that projects will still be selected through

an open, public process and after extensive debate by the TAC and Policy Committees. **Motion passed.**

- **MDOT and FHWA Updates**  
None.

**12. PRIVILEGE OF THE FLOOR:**

Jolivette introduced Dan Roberts from the MDOT Kalamazoo TSC. With the reorganization of MDOT's TSC offices, Dan would be attending many of the TwinCATS meetings moving forward.

**13. ADJOURNMENT at 11:50 AM.**

Next meeting is February 22, 2016 at 9:00 AM in the St. Joseph City Commission Chambers, 700 Broad St.

*Compiled by: Gautam Mani, SWMPC Associate Planner, 2016.*

DRAFT



Southwest Michigan Planning Commission

376 West Main Street, Suite 130 • Benton Harbor, MI 49022-3651

## **TWIN CITIES AREA TRANSPORTATION STUDY**

### **2017-2020 STP Project Selection Subcommittee Meeting Minutes**

Tuesday February 16, 2016 at 2:00 PM

376 W Main St Suite 130 Benton Harbor, MI 49022

#### **Attendees**

Brian Berndt, Berrien County Road Commission  
David Chandler, Sodus Township  
Chris Cook, City of Benton Harbor  
Denise Cook, St. Joseph Charter Township  
Louis Csokasy, Berrien County Road Commission  
Ron Griffin, St. Joseph Charter Township  
Darrell Harden, MDOT Southwest Region (via phone, at 3:00 PM)  
Jason Latham, MDOT Southwest Region (left at 2:55 PM)  
John Olson, Village of Stevensville  
Dick Stauffer, Lincoln Charter Township  
Steve Tilly, Royalton Township  
Darwin Watson, City of Benton Harbor  
Tim Zebell, City of St. Joseph

#### **SWMPC Staff Present**

Kim Gallagher  
Gautam Mani

#### **1. Call to Order/Introductions**

Berndt called the meeting to order at 2:05 PM and led the group in introductions.

#### **2. Explanation of TwinCATS Prioritization System and STP Funding**

Mani explained that the target amount for each year in federal funds was \$871,925. There was \$11.8 million in requests for STP funds and only \$3.5 million to spend, so projects would need to be prioritized.

Gallagher said that TwinCATS had a prioritization system that was agreed to at the January meeting and approved at the Policy Committee meeting. All projects were scored according to the points system agreed to, based on many important factors to the TwinCATS planning process. Project score sheets were available for each project. The total project score was presented in the table. Projects were ranked within each fiscal

### **3. Explanation of TwinCATS Complete Streets Policy and Walk and Roll plan**

Mani explained the Complete Streets Policy, which was included in subcommittee meeting packets. The TwinCATS committees agreed to the Complete Streets Policy in 2014. Under this policy, any project that uses federal funds in the TwinCATS area needs to show that it is taking steps to meet the needs of all users of the transportation network, including pedestrians, bicyclists, transit users, and persons with disabilities, all of whom have not usually been served in the past by road resurfacing projects. On some roadways, extensive new infrastructure is required. On other roadways, it is signage. The Complete Streets Policy is designed to encourage innovation in how agencies meet the needs of all users.

Csokasy asked whether the policy was a federal or state requirement. Mani said it was not, but it was something the state and federal government encouraged. The TwinCATS Policy Committee had voted to approve the Policy because they thought it was a way to make sure that limited dollars were being spent wisely.

### **4. Project Selection- How does TwinCATS program \$3.5 million in projects when there is \$11.8 million in demand?**

Berndt noted that 2017 projects were already in the current TIP, so they should proceed and we were really talking about three years worth of funding for 2018-2020. Mani clarified that all scheduled 2017 projects were re-applied for, and the funding request and scope did not change. That was why the projects proposed for 2017 were proceeding as planned.

The selected 2017 projects are included in the spreadsheet along with 2018-2020 projects selected later in the meeting.

Cook had some questions before projects were selected. He wondered whether it was worth reviewing the scoring criteria for the accuracy of the data in the spreadsheet. Cook specifically questioned the traffic counts as well as the useful life criteria. He also suggested that Complete Streets criteria had some subjective elements, and it was worth re-examining those items before making a final determination. Cook suggested also that TwinCATS needed to determine whether the year was important for any of these projects.

Zebell suggested also looking at which of the projects recommended could leverage other funding sources in order to get completed. Zebell suggested that Marquette Woods Road project crossing Hickory Creek might be able to leverage Transportation Alternatives funds on the state level. Mani suggested that the project would be competitive if it applied for Transportation Alternatives (TAP) because it is the continuation of an existing project and is based on a clear, coherent plan by the Township to improve its pedestrian and bicycle network.

Cook wondered whether local bridge funds might be viable for the Hickory Creek crossing. Berndt suggested that it would be difficult given that the bridge is not in bad condition and during the previous call for Local bridge projects, \$250 million of need was applied for, and only \$50 million in funds was available. Berndt suggested funding a portion of the project using STP funds and a portion out of statewide Transportation Alternatives funding. Zebell suggested Safe Routes funding. Berndt said that TAP funding would be easier to use because Safe Routes funding would require sidewalks on both sides of a road.

Zebell also suggested that the Village of Stevensville apply for Category F funding for Red Arrow Highway. This is Michigan Transportation Economic Development Funding that can assist with projects on roads with a large number of jobs or commercial centers. Zebell said that he had applied for Category F funding in the past, but had been rejected because the City's traffic volumes on those routes had been too low. Zebell said that traffic volumes on Red Arrow Highway in Stevensville were likely high enough to qualify.

Berndt recommended that the 2017 projects be accepted since there were no changes requested to what was programmed in the TIP. Therefore, the focus of the meeting should be on programming 2018-2020 projects. There is \$2.6 million in funding and well over that amount in demand.

Zebell stated that the City of St. Joseph was strongly advocating that its Broad Street and Langley Avenue project proceed for funding in 2018. The project is coordinated with major sewer and water investments, it is part of a capital improvement plan, and was ranked the highest in terms of project scoring. The project is also providing a higher than required portion of local match. The project is being built in 2017, so the City of St. Joseph is taking a major risk in fronting the money for the project and asking for reimbursement in 2018.

The second highest priority for the City of St. Joseph would be the reconstruction project proposed on Wallace Avenue.

Cook identified Colfax Avenue South segment, from May St to the South City Limits, as the top priority for the City of Benton Harbor. Cook said that the project ought to go as soon as possible based on the traffic volume and pavement condition, as well as the fact that it is a relatively inexpensive project at \$186,000 in federal funds.

Cook said that Benton Harbor's second highest priority would be resurfacing on Pipestone Road. The segment requested for FY 2019 is the highest priority for Pipestone Road.

Tilly conveyed that from driving on Nickerson Avenue in Sodus Township, he would prioritize that route for resurfacing over any route in Royalton Township.

Csokasy said that he understood that each agency was here representing their own municipality's interests, but said that all of us drive on roads across multiple cities and townships, and so we need to look at addressing the overall need.

Latham said that the point of having an MPO was to work together to complete projects that make sense. The scoring system is one element in the process, but projects should be programmed based on their need. A road with a rating of 5-7 may not have as large of a need as a road that is failing. It was important to partner with each other and do projects that make sense for the region

Berndt recommended that each municipality identify its highest priority project and that we see how much funding is available after that. The points system had yielded projects that were all within a few points of each other, so local priorities should also carry weight.

Here were the priorities identified by each jurisdiction that applied. The person who spoke up on behalf of each jurisdiction is identified in parentheses.

**City of St. Joseph [Tim Zebell]**

Langley Avenue and Broad Street resurfacing and non-motorized elements for a federal cost of \$460,000 and a local cost of \$2,903,500.

**Sodus Township [David Chandler]**

Nickerson Avenue from M-139 to 700 feet East of Woodley resurfacing project for a federal cost of \$143,000 and a local cost of \$32,000.

**City of Benton Harbor [Chris Cook]**

Colfax Avenue from May St to the South City limits resurfacing and non-motorized improvements for a federal cost of \$186,000 and a local cost of \$42,000.

**Benton Township [Brian Berndt]**

Napier Avenue from M-139 to I-94 resurfacing for a federal cost of \$630,000 and a local cost of \$140,000.

**Royalton Township [Steve Tilly]**

John Beers Road from Hollywood Road to Scottdale Road resurfacing and paved shoulders for a federal cost of \$392,000 and a local cost of \$87,000.

**Lincoln Township [Dick Stauffer]**

Marquette Woods Road from Roosevelt to Cleveland for a federal cost of \$400,000 and a local cost of \$100,000 [with the understanding that the additional \$654,000 in funds for Marquette Woods Road would be applied for through federal Transportation Alternatives funding and local match].

**St. Joseph Township [Denise Cook]**

Napier Avenue from the St. Joseph River east towards Broadway resurfacing for a federal cost of \$526,000 and a local cost of \$116,000.

**Village of Stevensville [John Olson]**

Red Arrow Highway resurfacing and paved shoulders within the Village limits for a federal cost of \$881,288 and a local cost of \$220,322. Olson said he concurred with the recommendation to go after Category F funds rather than using STP funds.

Further discussion ensued. Berndt said there was approximately \$3.2 million in demand listed and \$2.6 million to spend. Berndt suggested that Road Commission projects could take on reduced federal shares if necessary, and that Napier Avenue projects may have to reduce their limits in order to get the project in under.

Cook expressed a concern about a resurfacing being done on Napier Avenue that does not provide for complete streets. Cook said that the corridor posed consistent safety issues, and that there was strong public demand for bicycle facilities and/or sidewalks on that stretch. Cook said that it was included as a priority corridor for non-motorized projects in the Walk and Roll plan, and was one of the few projects submitted that did not conform to the Complete Streets Policy. Gallagher reminded the group that a "goat path" existed along much of Napier in Benton Township, indicating that people were already walking there.

Berndt said that he understood the concern for complete streets, but sidewalks are the responsibility of the municipality, and that in his job, he is concerned about the condition of pavement. The road has not been resurfaced in more than twenty years and needs the work. It is a high traffic volume road. The cost of sidewalks or other new infrastructure would be prohibitively expensive and would mean that a smaller stretch of the road could be resurfaced. Berndt said that a Safe Routes project was under consideration there that could help pay for the cost of sidewalks. Mani said that since it would take multiple years to install sidewalks on Napier Avenue, the Safe Routes program and MDOT were looking at whether it was possible to commit multiple years of Safe Routes funding. Cook argued that the Complete Streets Policy was designed to show TwinCATS' belief that the added cost of doing complete streets was worth it, even it meant resurfacing less road miles.

Zebell said that there are major right of way issues on that segment, and also asked whether the Township was committed to maintaining sidewalks. Zebell said that it was difficult to maintain sidewalks, and the City of St. Joseph had to plan and commit a large amount of money in order to make it possible. If the Township weren't committed to maintaining sidewalks, there was no reason to build them.

Further discussion surrounding how to arrange funding across different fiscal years ensued. Berndt said that the Napier Avenue projects could take a funding cut in the federal share and

would need to be reduced in scope. Instead of the limits assigned, they would need to proceed until the funding ran out. Zebell suggested that the Road Commission write up new limits for the funded portions of the project and then add the unfunded portions to the Illustrative List. Those projects on Napier Avenue would then have priority on the Illustrative List for any funds that become available under the FAST Act. Zebell suggested a separate meeting to prioritize the Illustrative List.

**5. Recommended Project List**

The project list that was agreed to for 2017-2020 is presented below:

FY 2017

Federal Funding Available= \$871,925

Project Location	Project Name	Work Type	Federal Funding	Local Funding
City of St. Joseph/St. Joseph Township	Hilltop Road from BL-94 to M-63	Mill and Fill	\$652,000	\$144,579
Village of Shoreham	Brown School Road (ADVANCE CONSTRUCT CONVERSION from 2015)	Reconstruction with paved shoulders and sidewalks	\$27,762	
Royalton Township/Lincoln Township/St. Joseph Township	John Beers Road from Hollywood Road to 0.5 west of the township line	Mill and Fill	\$192,163	\$42,612
City of St. Joseph	Langley Avenue and Broad Street from Pearl Street to the Department of Public Works Entrance (ADVANCE CONSTRUCT)	Reconstruction		\$3,363,500
<b>FY 2017 Total Federal Funds Requested</b>			<b>\$871,925</b>	

FY 2018

Federal Funding Available = \$871,925

Project Location	Project Name	Work Type	Federal Funding	Local Funding
City of St. Joseph	Langley Avenue and Broad Street from Pearl Street to the Department of Public Works Entrance (ADVANCE CONSTRUCT CONVERSION from 2017)	Reconstruction	\$460,000	\$0
Sodus Township	Nickerson Avenue from M-139 to 700 feet East of Woodley	Mill and Fill	\$143,000	\$32,000
Lake Township	Shawnee Road from Jericho Road to Date Road	Reconstruction with 5 foot wide paved shoulders	\$268,925	\$184,075
<b>FY 2018 Total Federal Funds Requested</b>			<b>\$871,925</b>	

FY 2019

Federal Funds Available: \$871,925

Project Location	Project Name	Work Type	Federal Funding	Local Funding
City of Benton Harbor	Colfax Avenue from South City Limits to May St.	Mill and Fill with bicycle lanes and crosswalk improvements.	\$186,000	\$42,000
Royalton Township	John Beers Road from Hollywood to Scottdale Road	Reconstruction and 5 foot wide paved shoulders	\$350,000	\$129,000
St. Joseph Charter Township	Napier Avenue from St. Joseph River to 3700 feet East	Mill and Fill	\$335,000	\$74,000
<b>FY 2019 Total Federal Funds Requested</b>			<b>\$871,000</b>	

FY 2020

Federal Funds Available: \$871,925

Project Location	Project Name	Work Type	Federal Funding	Local Funding
Benton Charter Township	Napier Avenue from I94 to 4300 Feet West	Mill and Fill	\$471,000	\$42,000
Lincoln Charter Township	Marquette Woods Road from Roosevelt to Cleveland	Resurfacing and 6 foot wide paved shoulders and bridge crossing	\$400,000	\$100,000
FY 2020 Total Federal Funds Requested			\$871,000	

Cook once again expressed his strong concern about Napier Avenue having no non-motorized facilities, but did acknowledge that the system was fair for spreading money across multiple jurisdictions. Gallagher asked the committee members how they would defend the decision-making regarding Napier Avenue to the public who sees it as the lowest scoring project. Cook said that the project's PASER rating, traffic count, and number of years since prior resurfacing all indicated a need that made the project defensible.

All projects not listed here are illustrative.

All in the room agreed to submit this project list to the TwinCATS Committees for approval on Monday February 22nd.

A more detailed recommended project list can be found here:

[http://www.swmpc.org/downloads/committee\\_recommended\\_projects.pdf](http://www.swmpc.org/downloads/committee_recommended_projects.pdf)

## 6. Adjournment

Meeting adjourned at 3:36 PM.

*The TwinCATS TAC and Policy Committees will discuss these items and more at its regular monthly meetings. Monday February 22<sup>nd</sup> at 9:00 AM at the St. Joseph City Council Chambers, 700 Broad Street, St. Joseph MI.*

*Minutes compiled by Gautam Mani, Southwest Michigan Planning Commission, February 16, 2016.*

**TWIN CITIES AREA TRANSPORTATION STUDY 2017-2020 LOCALLY PROPOSED ROAD PROJECTS**

Agency Name	Location of Project	Project Name	Project Limits	Proposed Year(s) of Project funding	Project Length	Improvement Type	Project Description	STP (Federal)	Local*	Total Project Cost	Advance Construct Amount Willing	Current PASER Rating	Current Drainage	Expected Project Life	Coordinate w/ Other Local Projects	Current Daily Traffic Count	Complete Streets	Proposed as On Road Priority Project in 2010 Non-Motorized Plan	Overall Project Score 47 Points Possible	
<b>2017 BEGINNING BALANCE</b>								<b>\$871,925</b>												
Berrien County Road Commission	City of St. Joseph/St. Joseph Twp.	Hilltop Road	BL-94 to M-63	2017	1 Mile	Mill and Fill	Mill and fill. ADA sidewalk upgrades and construction, depending on budget. Watermain replacement.	\$652,000	\$144,579	\$796,579	\$0	3 to 4	Adequate	15 to 20	NO	Above 10000	Conforms	YES	35	
Village of Shoreham	Village of Shoreham	Brown School Road (ADVANCE CONSTRUCT CONVERSION FROM 2015)	Village Limits	2017	0.3	Reconstruction	Advance Construct Conversion - Project completed in Fall 2015; Reconstruction with paved shoulders and sidewalks	\$27,762	\$0											
Berrien County Road Commission	Royalton Township	John Beers Road	Hollywood Road	2017	.5 Miles	Overlay	5 foot wide paved shoulders and overlay.	\$192,163	\$42,612	\$234,775	\$0	3 to 4	Adequate	15 to 20	NO	2000 to 5000	Conforms	YES	33	
City of St. Joseph	City of St. Joseph	Langley Avenue & Broad Street (ADVANCE CONSTRUCT)	Pearl Street to Department of Public Works Entrance	2018	.25 Miles	Reconstruction	Full reconstruction of roadway with HMA or concrete pavement including curb and gutter, remove and replace ADA ramps as needed to meet current standards, install new storm sewer and sanitary sewer. Replace sidewalk, driveways and water main as needed. This project is being undertaken as part of the City's ongoing combined sewer overflow (CSO) program and includes inline storage.	\$0	\$3,363,500	\$3,363,500	\$460,000	5 to 7	Occasional drainage problems with some maintenance required	15 to 20	YES	5000 to 10000	Conforms	YES	39	
<b>TOTAL Requested:</b>								<b>\$871,925</b>												
<b>REDUCTION NEEDED TO BE FISCALLY CONSTRAINED:</b>								<b>\$0</b>												
<b>2018 BEGINNING BALANCE</b>								<b>\$871,925</b>												
City of St. Joseph	City of St. Joseph	Langley Avenue & Broad Street (ADVANCE CONSTRUCT CONVERSION FROM 2017)	Pearl Street to Department of Public Works Entrance	2018	.25 Miles	Reconstruction	Full reconstruction of roadway with HMA or concrete pavement including curb and gutter, remove and replace ADA ramps as needed to meet current standards, install new storm sewer and sanitary sewer. Replace sidewalk, driveways and water main as needed. This project is being undertaken as part of the City's ongoing combined sewer overflow (CSO) program and includes inline storage.	\$460,000	\$0	\$3,363,500	\$460,000	5 to 7	Occasional drainage problems with some maintenance required	15 to 20	YES	5000 to 10000	Conforms	YES	39	
Berrien County Road Commission	Sodus Township	Nickerson Avenue	M-139 to 700 feet East of Woodley	2018	.65 Miles	Mill and Fill	Mill and Fill 2 inches	\$143,000	\$32,000	\$175,000	\$0	3 to 4	Adequate	15 to 20	NO	5000 to 10000	Non-Conforming	YES	27	
Berrien County Road Commission	Lake Charter Township	Shawnee Road	Jericho Road to Date Road	2018	.5 Miles	Reconstruction	Construct 5 foot wide paved shoulders and resurface.	\$268,925	\$184,075	\$453,000	\$0	3 to 4	Adequate	15 to 20	NO	2000 to 5000	Conforms	YES	36	
<b>TOTALS:</b>								<b>\$871,925</b>												
<b>REDUCTION NEEDED TO BE FISCALLY CONSTRAINED</b>								<b>\$0</b>												
<b>2019 BEGINNING BALANCE</b>								<b>\$871,925</b>												
City of Benton Harbor	City of Benton Harbor	Coffax South Resurfacing	May to Emery	2019	.27 Miles	Mill and Fill	Full mill and fill of roadway with HMA including remove and replace ADA ramps where necessary to comply with current ADA requirements, improvement of crosswalks, addition of bicycle lanes, and storm system improvements. The City intends to complete sanitary sewer and water system improvements concurrently based upon ongoing asset management studies.	\$186,000	\$42,000	\$228,000	\$0	3 to 4	Occasional drainage problems with some maintenance required	7 to 9	NO	5000 to 10000	Conforms	YES	32	
Berrien County Road Commission	St. Joseph Charter Township	Napier Avenue	St. Joseph River to 3700 Feet East	2019	0.70 Miles	Mill and Fill	Mill and Fill. ADA sidewalk upgrades as required.	\$335,000	\$74,000	\$409,000	\$0	3 to 4	Adequate	15 to 20	NO	Above 10000	Non-Conforming	YES	27	
Berrien County Road Commission	Royalton Township	John Beers Road	Hollywood Road to Scottdale Road	2019	1.05 Miles	Reconstruction	Construct 5 foot wide paved shoulders and resurface.	\$350,000	\$129,000	\$479,000	\$0	3 to 4	Adequate	15 to 20	NO	Above 10000	Conforms	YES	38	
<b>TOTAL Requested:</b>								<b>\$871,000</b>												
<b>REDUCTION NEEDED TO BE FISCALLY CONSTRAINED:</b>								<b>\$0</b>												
<b>2020 BEGINNING BALANCE</b>								<b>\$871,925</b>												
Berrien County Road Commission	Lincoln Charter Township	Marquette Woods Road Widened Shoulders- Roosevelt to Cleveland	Roosevelt Road to Cleveland Ave.	2020	.5 Miles	Resurfacing	Widen shoulders to 6 feet paved, resurface existing HMA surface. Work requires widening of existing bridge over Hickory Creek to accommodate pedestrian use. Remaining 654,000 will be funded out of TAP grant and local match.	\$400,000	\$100,000	\$1,154,000	\$0	3 to 4	Adequate	15 to 20	NO	2000 to 5000	Conforms	YES	37	
Berrien County Road Commission	Benton Charter Township	Napier Avenue	I-94 to 4300 Ft West	2020	0.81 miles	Mill and Fill	Mill and Fill. ADA sidewalk upgrades as required.	\$471,000	\$104,000	\$575,000	\$0	3 to 4	Adequate	15 to 20	NO	Above 10000	Non-Conforming	YES	25	
<b>TOTAL Requested:</b>								<b>\$871,000</b>												
<b>REDUCTION NEEDED TO BE FISCALLY CONSTRAINED:</b>								<b>\$0</b>												
<b>ILLUSTRATIVE REQUESTS</b>								<b>\$13,720,110</b>												
Berrien County Road Commission	Benton Charter Township	Napier Avenue	4300 ft West of I-94 to M-139	ILLUSTRATIVE REQUESTS	0.58 miles	Mill and Fill	Mill and Fill. ADA sidewalk upgrades as required.	\$160,000	\$35,000	\$195,000	\$0	3 to 4	Adequate	15 to 20	NO	Above 10000	Non-Conforming	YES	25	
Berrien County Road Commission	St. Joseph Charter Township	Napier Avenue	3700 Feet East of the St. Joseph River to Broadway	ILLUSTRATIVE REQUESTS	0.51 Miles	Mill and Fill	Mill and Fill. ADA sidewalk upgrades as required.	\$213,000	\$47,000	\$260,000	\$0	3 to 4	Adequate	15 to 20	NO	Above 10000	Non-Conforming	YES	27	
City of St. Joseph	City of St. Joseph	Botham Avenue Reconstruction	South State Street to Niles Avenue (M63)	2020	.13 Miles	Reconstruction	Full reconstruction of roadway with HMA or concrete pavement including curb and gutter, remove and replace ADA ramps as needed to meet current standards, install new storm sewer and sanitary sewer and replace all city utilities including storm sewer, sanitary sewer and water main. Replace sidewalk and driveways as needed. The intent is to include replacement of watermain on Stadium Drive (not eligible for TIP funds) and widen sidewalk on east side of Stadium Drive.	\$247,000	\$556,000	\$803,000	\$0	5 to 7	Minor and tolerable drainage problems	15 to 20	NO	5000 to 10000	Non-Conforming	NO	36	
Berrien County Road Commission	Royalton Township	John Beers Road	Scottdale Road to M-139	2020	1.05 Miles	Reconstruction	Construct 5 foot wide paved shoulders and resurface.	\$409,000	\$91,000	\$500,000	\$0	3 to 4	Adequate	15 to 20	NO	Less than 2000	Conforms	YES	34	
Berrien County Road Commission	Royalton Township	Glenford Road	Hollywood Road to M-63	2020	.85 Miles	Reconstruction	Construct 5 foot wide paved shoulders and resurface.	\$303,000	\$67,000	\$370,000	\$0	5 to 7	Adequate	15 to 20	NO	2000 to 5000	Conforms	YES	33	
Berrien County Road Commission	Lincoln Charter Township	Marquette Woods Road Widened Shoulders- Cleveland to Washington	Cleveland Avenue to Washington Avenue	2020	.5 Miles	Resurfacing	Widen shoulders to 6 feet paved, resurface existing HMA surface. Work includes extension of culverts.	\$475,000	\$105,000	\$580,000	\$0	5 to 7	Adequate	15 to 20	NO	2000 to 5000	Conforms	YES	31	
City of Benton Harbor	City of Benton Harbor	Pipestone Road(South Segment) Resurfacing	Catalpa to Empire	2020	.39 Miles	Mill and Fill	Full Mill and fill of roadway with HMA including remove and replace ADA ramps where necessary to comply with current ADA requirements, improvement of crosswalks, addition of bicycle lanes, and storm system improvements. The City intends to complete sanitary sewer and water system improvements concurrently based upon ongoing asset management studies.	\$261,000	\$58,000	\$319,000	\$0	5 to 7	Occasional drainage problems with some maintenance required	7 to 9	YES	5000 to 10000	Conforms	YES	31	
City of Benton Harbor	City of Benton Harbor	Pipestone Road(Central Segment) Resurfacing	Vineyard to Catalpa	2020	.43 Miles	Mill and Fill	Full mill and fill of roadway with HMA including remove and replace ADA ramps where necessary to comply with current ADA requirements, improvement of crosswalks, addition of bicycle lanes, and storm system improvements. The City intends to complete sanitary sewer and water system improvements concurrently based upon ongoing asset management studies.	\$329,000	\$73,000	\$402,000	\$0	5 to 7	Occasional drainage problems with some maintenance required	7 to 9	YES	5000 to 10000	Conforms	YES	29	
City of Benton Harbor	City of Benton Harbor	Paw Paw Avenue Resurfacing	Railroad to Frank; Riford to Territorial	2020	.26 Miles	Mill and Fill	Full Mill and fill of roadway with HMA including remove and replace ADA ramps where necessary to comply with current ADA requirements, improvement of crosswalks, addition of bicycle lanes, and storm system improvements. The City intends to complete sanitary sewer and water system improvements concurrently based upon ongoing asset management studies.	\$212,000	\$39,000	\$251,000	\$0	3 to 4	Occasional drainage problems with some maintenance required	7 to 9	NO	5000 to 10000	Conforms	YES	29	
Village of Stevensville	Village of Stevensville	Red Arrow Highway Resurfacing	South Village Limits to North Village Limits	2018	1.29 Miles	Mill and Fill	Milling 2"-3" of HMA Surface, placing geotextile fabric, place 3" HMA Surface, also expanding shoulder to minimum 6' width along east side of Red Arrow Highway from South Village limit to John Beers Road to facilitate bicycle/pedestrian traffic. Project to benefit efforts being made to extend bid path through Berrien County.	\$881,288	\$220,322	\$1,101,610	\$220,000	5 to 7	Adequate	7 to 9	YES	5000 to 10000	Conforms	YES	25	
Berrien County Road Commission	Lake Charter Township	Shawnee Road	Holden Road to Date Road	2019	.5 Miles	Reconstruction	Construct 5 foot wide paved shoulders and resurface.	\$405,000	\$90,000	\$495,000	\$0	3 to 4	Adequate	15 to 20	NO	Above 10000	Conforms	YES	34	
City of St. Joseph	City of St. Joseph	Wallace Avenue	Lakeshore Drive (B194) to Lakeview Avenue	2018	.25 Miles	Reconstruction	Full reconstruction of roadway with HMA or concrete pavement including curb and gutter, remove and replace ADA ramps as needed to meet current standards. Add bike lanes or a non-motorized path (replacing sidewalk on one side of the street). Replace all city utilities including storm sewer, sanitary sewer and water main. Replace sidewalk and driveways as needed. The intent is to include replacement of watermain on Stadium Drive (not eligible for TIP funds) and widen sidewalk on east side of Stadium Drive.	\$488,000	\$972,500	\$1,460,500	\$200,000	5 to 7	Occasional drainage problems with some maintenance required	15 to 20	NO	2000 to 5000	Conforms	NO	35	
City of Benton Harbor	City of Benton Harbor	Pipestone Road(North Segment) Resurfacing	Main to Vineyard	2019	.4 Miles	Mill and Fill	Full mill and fill of roadway with HMA including remove and replace ADA ramps where necessary to comply with current ADA requirements, improvement of crosswalks, addition of bicycle lanes, and storm system improvements. The City intends to complete sanitary sewer and water system improvements concurrently based upon ongoing asset management studies.	\$346,000	\$77,000	\$423,000	\$0	3 to 4	Occasional drainage problems with some maintenance required	7 to 9	YES		Conforms	YES	31	
Berrien County Road Commission	Benton Charter Township	Napier Avenue	Broadway to M-139	2019	.81 Miles	Mill and Fill	Mill and Fill. ADA sidewalk upgrades as required.	\$344,000	\$76,000	\$420,000	\$0	5 to 7	Adequate	15 to 20	NO	Above 10000	Non-Conforming	YES	25	
City of St. Joseph	City of St. Joseph	Langley Ave Resurfacing	Pearl to Napier	ILLUSTRATIVE REQUEST	0.84	Resurfacing	One course mill and resurfacing of Langley Ave. Replace sidewalk in need of repair and sidewalk ramps in order to meet ADA requirements. No utility work planned as part of this project.	\$398,000	\$255,000	\$653,000	\$198,000	3 to 4	Minor and tolerable drainage problems	7 to 9	NO	5000 to 10000	Conforms	YES	32	
City of St. Joseph	City of St. Joseph	Water Street	State St. to Vine St.	ILLUSTRATIVE REQUEST	0.11	Resurfacing	One course mill and resurfacing of Water Street. Remove and replace adjacent non-motorized path with HMA	\$123,000	\$454,000	\$577,000	\$0	3 to 4	Adequate	7 to 9	NO	2000 to 5000	Conforms	NO	34	
City of St. Joseph	City of St. Joseph	Upton Drive	Virginia Ct. to N. Upton Dr. Includes Marina Dr. Upton to W. Basin Marina.	ILLUSTRATIVE REQUEST	0.38	Reconstruction	Full reconstruction of roadway with HMA or Concrete pavement including curb and gutter, removal and replacement of ADA ramps to meet current standards. Add bike lanes, a non-motorized path (replacing sidewalk on one side of the street or sharrow). Replace all City utilities including storm sewer, sanitary sewer and water main. Replace sidewalk and drive and driveway	\$1,000,000	\$3,000,000	\$4,000,000	\$500,000	5 to 7	Occasional drainage problems with some maintenance required	15 to 20	YES	2000 to 5000	Conforms	YES	33	
City of Benton Harbor	City of Benton Harbor	Union-South Segment	May to Donald Adkins	ILLUSTRATIVE REQUEST	0.38	Mill and Fill	Full mill and fill of roadway with HMA including remove and replace ADA ramps where necessary to comply with current ADA requirements, improvements of crosswalks, additional of cycle lanes, and storm system improvements. Th City intends to complete sanitary sewer and water system improvements concurrently based upon ongoing asset mgt. studies.	\$279,000	\$62,000	\$341,000	\$0	3 to 4	Occasional drainage problems with some maintenance required	7 to 9	YES	2000 to 5000	Conforms	YES	28	
City of Benton Harbor	City of Benton Harbor	Union-North Segment	Pipestone to May St.	ILLUSTRATIVE REQUEST	0.3	Mill and Fill	Full mill and fill of roadway with HMA including remove and replace ADA ramps where necessary to comply with current ADA requirements, improvement of sidewalks	\$180,000	\$40,000	\$220,000	\$0	3 to 4	Occasional drainage problems with some maintenance required	7 to 9	YES	2000 to 5000	Conforms	YES	28	
City of Benton Harbor	City of Benton Harbor	Broadway Avenue	Empire to Emery	ILLUSTRATIVE REQUEST	1.01	Resurfacing	Full resurfacing/ mill and fill of roadway with HMA including removal and replacement of ADA ramps where necessary to comply with current ADA requirements, improvement of crosswalks, and storm system improvements. Resurfacing only from Empire to May, Mill and fill from May to Emery. The City intends to complete sanitary sewer and water system improvements concurrently based upon ongoing asset management studies.	\$285,000	\$64,000	\$349,000	\$0	3 to 4	Occasional drainage problems with some maintenance required	7 to 9	YES	Less than 2000	Conforms	YES	26	
<b>TOTAL Requested:</b>								<b>\$13,720,110</b>												