



## Southwest Michigan Planning Commission

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

### TWIN CITIES AREA TRANSPORTATION STUDY TECHNICAL ADVISORY and POLICY COMMITTEES **COMBINED** MEETING

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**FOR FURTHER INFORMATION CONTACT:**

**Kim Gallagher**, *Transportation Planner*

(269) 925-1137 x 1518

**Brandon Kovnat**, *Transportation Planner*

(269) 925-1137 x1524

**DATE:** Monday, January 14, 2018

**TIME: 9:30AM**

**PLACE:** Kinexus (Michigan Works!) **Lighthouse Room**

499 W Main St, Benton Harbor, MI 49022

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#### AGENDA

1. **Call to Order / Introductions**
2. **Changes to the Agenda**
3. **Public Comment**
4. **Approve Minutes**
  - December 17, 2018 Meeting *(Enclosed) Action*
5. **Staff Report**
6. **Community Land Use and Zoning Member Updates**
7. **Airport Updates**
8. **Public Transit Updates**
  - Twin Cities Area Transportation Authority
9. **Special Studies**
  - Countywide Transit Study
  - Napier Corridor Study
10. **Road Project Updates and Amendments**
  - Berrien County Project Updates *(Enclosed)*
  - MDOT Project Updates
  - MDOT Project Amendments *(Enclosed) Action*
11. **Old Business**
12. **New Business**
  - Amendment to the December approved 2045 Long Range Transportation Plan *(Enclosed) Action*  
Full document at: [www.swmpc.org/twincats2045.asp](http://www.swmpc.org/twincats2045.asp)
  - Approval of a New Air Quality Conformity Document *Action*  
Full document at [www.swmpc.org/air\\_quality.asp](http://www.swmpc.org/air_quality.asp)
  - Review & Selection of Road Projects for the 2020-2023 Transportation Improvement Program *Action*
    - List of Recommended Projects *(Enclosed)*
    - Project Review & Selection Subcommittee Minutes *(Enclosed)*
    - All Applications and proposed project scoring available at [www.swmpc.org/twincatstip.asp](http://www.swmpc.org/twincatstip.asp)
13. **State and Federal Updates**
14. **Privilege of the Floor or Public Comment**
15. **Adjournment**
  - The next TwinCATS meeting is scheduled for **February 11, 2019 @ 9:30 am.**

## TWIN CITIES AREA TRANSPORTATION STUDY

### TECHNICAL ADVISORY COMMITTEE AND POLICY COMMITTEE COMBINED MINUTES

December 17, 2018 9:30 A.M. Kinexus, Lighthouse Room

<b>Committee Members Present</b>		<b>Committee Representing</b>	
<b>Name</b>	<b>Representing</b>	<b>TAC</b>	<b>Pol</b>
Bill Chickering	Berrien County Commissioner		x
Brian Berndt	Berrien County Road Department	x	
Eric Lester	Berrien County Planning Commission		x
Chris Cook	City of Benton Harbor & Stevensville	x	x**
Carolyn Fowler	Benton Charter Township		x
Juan Ganum	City of Bridgman	x	x
Tim Zebell	City of St. Joseph	x	
John Hodgson	City of St. Joseph		x
Sue Wyman	Cornerstone Alliance	x	x
Terrie Smith	Lincoln Charter Township	x	
Dick Stauffer	Lincoln Charter Township		x
Amy Lipset	MDOT - Southwest Region	x	x
Jonathon Smith	MDOT Coloma Business Office	x	x
Jim Sturdevant	MDOT Statewide Planning	x	x
Katie Beck*	MDOT Urban travel Analysis	x	
Steve Tilly	Royalton Township	x	x
Johnathon Fisk**	St. Joseph Charter Township	x	
Denise Cook	St. Joseph Charter Township		x
Alex Little	TCATA	x	x
Bob Lawrence	Village of Shoreham	x	x
Brandon Kovnat	SWMPC	Staff	
Kim Gallagher	SWMPC	Staff	
Ryan Fellows	SWMPC	Staff	
<b>Others Present</b>			
Kevin Stack	Berrien County Road Department		
Jason Latham	Berrien County Road Department		
Heather Cole	Be Healthy Berrien		

<b>Absent</b>		<b>Committee Representing</b>	
<b>Name</b>	<b>Representing</b>	<b>TAC</b>	<b>Pol</b>
Evan Smith	Berrien County Community Development	x	
Andrea Dewey*	Federal Highway Administration	x	x
Gloria Payne	Lake Charter Township	x	x
Scott Weber*	NIRPC	x	x
Roger Seeley	St. Joseph Charter Township	x	
Vince Desjardins	Southwest Michigan Regional Airport	x	x

\*Non-voting member \*\*Alternate Member

**1. Call to Order / Introductions**

Technical Advisory Committee Chair Brian Berndt called the meeting to order at 9:30 AM and led the group in introductions.

**2. Changes to the Agenda**

Brian Berndt said that the resolutions in support of passenger rail service and the New Buffalo rail connection should be added to the agenda as New Business.

**Motion** for the Technical Advisory and Policy Committees to approve the agenda with the two resolutions added to new business. Made by Sue Wyman, Second by Chris cook. **Motion approved.**

**3. Public Comment**

None.

**4. Approve Minutes from November 19, 2018**

Eric Lester was not recorded in the attendance and he should be recorded as absent. The acronym STBG should be included after Surface Transportation Block Grant.

**Motion** to approve the minutes from the November 19, 2018 combined Technical Advisory and Policy Committee meeting with corrections. Made by Chris Cook, second by Juan Ganum. **Motion approved.**

**5. Staff Report**

**2020-2023 Transportation Improvement Program:** Kim Gallagher discussed the timeline for the development of the 2020-2023 Transportation Improvement Program (TIP). She reminded the committees that the project review/selection subcommittee was meeting after the TwinCATS meeting. The TAC and Policy Committees will officially select projects at the January 14, 2019 meeting.

**CMAQ:** Kim announced the upcoming Berrien County CMAQ meeting on January 16, 2019 at 2:30 pm held at the SWMPC office. She explained that the selection process was being updated from the last call with a CMAQ committee, approved by the SWMPC board, selecting the projects.

**US-31 Extension:** Kim Gallagher announced that MDOT had received a BUILD grant for the US-31 extension.

Amy Lipset said that the project was to build approximately 2.5 miles of US-31 from Napier to I-94, which will cost \$44 million. The grant is for \$20 million and MDOT is in the process of identifying the remaining \$24 million needed. The open to traffic date will be 20203. They need to obligate the grant by September 2020; this is a tight deadline since they need to reevaluate the environmental review and get final design completed.

Amy said that US-31 would need to be in the Long Range Plan. There were also be TIP amendments to add related project phases. One would be a utility phase being called the "Z phase" this is \$8 million to move a natural gas pipeline. With the associated reconstruction of the I-94 and I-94 BL /Main Street Interchange, the total cost for US-31 is \$115 million.

Kim said that Katie would be rerunning the travel demand model and MDOT would be rerunning air quality conformity analysis. The Long Range Plan (LRP) will still be approve today as planned but the changes for US-31 will be made as an amendment to the LRP in January.

**Westrain:** Ryan Fellows presented proposals for passenger rail in west Michigan on the *Pere Marquette* Amtrak line, which goes from Grand Rapids to Chicago through Bangor and St. Joseph. In 2004 a Midwest Regional Rail Plan was created that included rail from Kalamazoo to Grand Rapids, but would have closed the Bangor and St. Joseph stations. In 2017, a stakeholder group recommended a coast-to-coast line from Grand Rapid to Detroit. The group also recommended that the decisions be made by MDOT. Ryan asked the Committees to consider a resolution during New Business that says TwinCATS supports continued rail service on the *Pere Marquette* line (Bangor and St. Joseph).

Ryan also explained that the current *Pere Marquette* route goes through New Buffalo where it crosses the *Blue Water* and *Wolverine* Amtrak routes, which run on higher speed tracks. Currently there is no way for the *Pere Marquette* route to use this higher speed track. A rail connection is needed to allow the *Pere Marquette* to use the other rail line and to be able to make transferring between the routes easier. Ryan said that a feasibility and engineering study is the needed for this, and presented a resolution for TwinCATS to consider during New Business to support such a study.

**6. Land Use and Zoning Updates**

None.

**7. Airport Updates**

None.

**8. Public Transit - Twin Cities Area Transportation Authority**

Alex Little said that TCATA had received 9 new buses.

**9. Special Studies**

**Connect Berrien:** No update

**Napier Avenue:** Jason Latham said that they were still studying the feasibility for a road diet on Napier Avenue.

**10. Old Business**

None.

**11. New Business**

**Approval of the 2045 Long Range Transportation Plan:** Kim Gallagher explained the process leading up to the approval of the Long Range Plan (LRP). She explained that FHWA had a deadline for approval today. The plan would need to be approved today but would then be amended at the next meeting to change US-31 to the plan.

Alex Little said that he was submitting a project to address the last mile issue in transit through a bike share. He asked if the plan would need to be updated to include this project.

Kim explained that the LRP mentions gaps in the transit system. Addressing this would be consistent with the Plan. Brandon added the LRP has some specific projects but also a lot of general projects categories which allows a lot of flexibility in programing funds in the future. Unless a project is adding capacity, the LRP will not need to be amended.

Kim explained that approval of the LRP would include approval of the Air Quality Conformity Analysis for Berrien County. She said the next step for the LRP approval will be a vote by the Southwest Michigan Planning Commission board at their meeting on December 18, 2018.

**Motion** for the Technical Advisory Committee to recommend that the TwinCATS Policy Committee Approve “Principles in Motion,” the TwinCATS 2045 Long Range Transportation Plan. Made by Jim Sturdevant, second by Alex Little. **Motion approved.**

**Motion** for the Policy Committee to approve “Principles in Motion,” the TwinCATS 2045 Long Range Transportation Plan. Made by Chris Cook, second by Alex Little. **Motion Approved**

### **2019 Meeting Dates**

**Motion** of the Technical Advisory and Policy Committees to approve the 2019 meeting dates for the TwinCATS combined Technical Advisory Committee and the Policy Committee meetings as presented. Made by Terrie Smith, second by Steve Tilly. **Motion approved.**

### **Westrain**

**Motion** for the Technical Advisory Committee to recommend that the Policy Committee approve the resolution supporting existing *Pere Marquette* passenger rail service linking Chicago, St. Joseph, Bangor, Holland, and Grand Rapids. Made by Steve Tilly, second by Eric Lester. **Motion approved.**

**Motion** for the Technical Advisory Committee to recommend that the Policy Committee approve the resolution supporting a feasibility and engineering study for a New Buffalo passenger rail connection. Made by Juan Ganum, second by Alex Little. **Motion approved.**

**Motion** for the Policy Committee to approve both resolutions recommended by the Technical Advisory Committee. Made by John Hodgson, second by Denise Cook. **Motion approved.**

### **12. State and Federal Updates**

Jim Sturdevant announced that the amendments to the 2017-2020 Transportation Improvement Program (TIP) made at the November meeting had been approved. He said the He had been working on reviewing the LRP and the MDOT is now working on the process of getting approvals for US-31.

### **13. Privilege of the Floor and Public Comment**

Dick Stauffer mentioned Senate Bill 1118, which would prohibit buffers between residential and commercial land use. (*Note: Michigan Senate Bill 1118 is a proposed act related to local ordinance controls over tree removal on private property.*)

### **14. Adjournment**

Meeting was adjourned at 10:40 AM. The next TwinCATS meeting is scheduled for Monday, January 14, 2018 @ 9:30 am.



## Southwest Michigan Planning Commission

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### Project Update Sheet

Filled out by: Brian Berndt

Date: 10/29/2018

Project Name:	Napier Ave.
Fiscal Year of award:	2019
Responsible Agency:	Berrien County
MDOT Job Number:	130790
Project Limits	Napier from Saint Joseph River to 3700 feet East
Project Length:	0.874
Location:	St. Joseph township
Primary Work Type:	Road Rehabilitation
Phase	CON

#### Project Description:

Mill and fill ADA ramps as required.

Fund Source	Federal	State/Local	Total
STUL	\$355,000	\$74,000 Local	\$429,000

Activity	Estimated Date	Actual Date
Resolution of Support for Local Match Submitted to SWMPC		
Project Application Submitted to MDOT	January 2019	
Grade Inspection Package Submitted to MDOT	February 2019	
Grade Inspection Meeting Scheduled	March 2019	
Final Plan and Estimate to MDOT	April 2019	
Project Obligated	April 2019	
Project Letting	May 2019	
Construction Start	July 2019	
Project Completion	September 2019	

Project is: ☐ On Schedule ☐ Behind Schedule (explain below)

Briefly describe the work done to date:

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## Southwest Michigan Planning Commission

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### Project Update Sheet

Filled out by: Brain Berndt

Date: 10/29/2018

Project Name:	John Beers Rd.
Fiscal Year of award:	2019
Responsible Agency:	Berrien County
MDOT Job Number:	130789
Project Limits	From Yellow Creek to Eidson Road
Project Length:	1.23 miles
Location:	Royalton Township
Primary Work Type:	Road Rehabilitation
Phase	CON

#### Project Description:

Construct 5 feet paved shoulders and resurface

Fund Source	Federal	State/Local	Total
STUL	\$350,000	\$129,000 Local	\$479,000

Activity	Estimated Date	Actual Date
Resolution of Support for Local Match Submitted to SWMPC		
Project Application Submitted to MDOT	November, 2018	
Grade Inspection Package Submitted to MDOT	January, 2019	
Grade Inspection Meeting Scheduled	February, 2019	
Final Plan and Estimate to MDOT	March 2019	
Project Obligated	April 2019	
Project Letting	May 2019	
Construction Start	July 2019	
Project Completion	September 2019	

Project is: ☐ On Schedule ☐ Behind Schedule (explain below)

Briefly describe the work done to date:

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STATE OF MICHIGAN

DEPARTMENT OF TRANSPORTATION  
LANSING

GRETCHEN WHITMER  
GOVERNOR

PAUL C. AJEGBA  
DIRECTOR

January 3, 2019

Mr. K. John Egelhaaf, Executive Director  
Southwest Michigan Planning Commission  
376 W. Main Street, Suite 130  
Benton Harbor, Michigan 49022

Dear Mr. Egelhaaf:

The Michigan Department of Transportation (MDOT) would like to inform the Twin Cities Area Transportation Study (TwinCATS) MPO committees of several amendment requests to the FY2017-2020 Transportation Improvement Plan (TIP). Additional details for these projects are included in the table below:

FY	Project Name	Project Limits	Primary Work Type	Phase	Federal Cost & Source	State Cost & Source	MDO T Job #	Proposed Change
2019	US-31	North of Napier Avenue (Exit 24) to I-94	New Roads	PE	\$2,451,203.00 NH	\$543,547.00 M	205792	Addition to 17-20 TIP
2019	US-31	North of Napier Avenue (Exit 24) to I-94	New Roads	PE-S	\$1,139,977.00 NH	\$252,787.00 M	205792	Addition to 17-20 TIP
2019	US-31	North of Napier Avenue (Exit 24) to I-94	New Roads	UTL	\$7,539,340.00 NH	\$1,671,827.00 M	205792	Addition to 17-20 TIP
2020	US-31	North of Napier Avenue (Exit 24) to I-94	New Roads	CON	\$31,976,530.00 NH	\$7,074,241.00 M	205792	Addition to 17-20 TIP
2019	I-94E	I-94 EB/WB from Exit 34 east approx. 1.7 miles to TwinCATS boundary	System Operations – ITS Applications	PE	\$71,697.00 NH	\$15,738.00 M	205077	Addition to 17-20 TIP
2020	I-94BL	I-94 to Glenlord Road	Road CPM – Milling & One Course Asphalt Overlay	CON	\$434,439.00 NH	\$96,336.00 M	203692	Addition to 17-20 TIP
2020	I-94BL	St. Joseph River to Fair Avenue	Road CPM – Single Course Micro-Surfacing	CON	\$296,733.00 NH, HIPS	\$65,800.00 M	203693	Addition to 17-20 TIP



STATE OF MICHIGAN

DEPARTMENT OF TRANSPORTATION  
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DIRECTOR

2018	M-139	Over Buckhorn Creek located btw Rocky Weed Rd. & Jasper Dairy Rd.	Road Rehabilitation & Reconstruct.	PE	\$0	\$280,000.00 M	200684	Modification to 17-20 TIP – CR3 increased PE phase budget approx.. 52k, which is still within 25% of the original programmed amount at 22.8%. Request to reset benchmark to ensure project stays on schedule.
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Note: several projects listed in the above table cover multiple jurisdictions and the cost figures listed are only associated with the portion of each project located within the TwinCATS MPO.

If you have any questions, please contact me at (269) 337-3922 or sanadab1@michigan.gov.

Sincerely,

Brian Sanada  
Transportation Planner

## Proposed changes to the TwinCATS 2045 Long Range Transportation Plan

	Item	Amendment type	Approved LRP by TwinCATS on December 17,2018	Amendments For TwinCATS vote on January 14,2019
64	MDOT budget table	Budget amounts	New Roads/Capacity budget of \$40,570,00	Increased New Roads/Capacity budget to \$52,575,211
64	MDOT budget description	Replace text	In 2036-2045, there is an inclusion of a New Road/Capacity budget that will fund the US-31 extension.	–The New Road/Capacity budget is a special allocation awarded for projects which build new roads or add additional capacity. In 2018-2025 New, Roads/Capacity revenues will fund the US-31 extension.
69	Fiscal Constraint Table	Budget amounts	Included \$40,570,000 for new roads in 2036-2045	Removed new road budget in 2036-2045. Added \$52,575,211 to new roads budget in 2018-2025. Total and subtotals updated to reflect this change.
84	Travel demand model scenario descriptions	Replace text	<b>2045 Build Scenario</b> The Horizon 2045 Build Scenario utilized the same data and projects as the “No Build Scenario,” <b>but also includes the US-31/I-94 connection project.</b>	<b>2045 No Build Scenario</b> The Horizon 2045 No Build Scenario utilized the same data and projects as the “Build Scenario,” <b>but does not include the US-31/I-94 connection project.</b> This scenario was run as a way to illustrate the effects of the US-31 connection.
85	Travel demand model scenarios	Change in text	<b>Proposed US 31 Interchange Connection:</b> if US-31 is extended ...	<b>Proposed US 31 Interchange Connection:</b> when US-31 is extended ...
86	US-31 Interchange	Add text	The US-31 freeway project ... Napier Avenue to I-94.	The US-31 freeway project ... Napier Avenue to I-94. This portion of US-31 is expected to be completed and open to traffic in 2023.
103	MDOT project table	Budget amounts		Added 4 lines for the PE, PE-S, UTL, and CON phases of US-31 in 2019 & 2020
105	MDOT project table	Budget amounts	Removed US-31 from 2045	
104	MDOT budget summary	Budget amounts	MDOT budget 2018-2025: \$262,047,330	MDOT budget 2018-2025: \$314,622,541
105	MDOT budget summaries	Budget amounts	MDOT budget 2036-2045: \$242,745,487	MDOT budget 2036-2045: \$202,175,487

## TWIN CITIES AREA TRANSPORTATION STUDY

### TRANSPORTATION IMPROVEMENT PROGRAM (TIP) PROJECT SELECTION SUB-COMMITTEE MINUTES

December 17, 2018 11:00 A.M. Kinexus, Lighthouse Room, 499 W Main St, Benton Harbor, MI 49022

<b>Sub-Committee Members Present</b>	
<b>Name</b>	<b>Representing</b>
Brian Berndt	Berrien County Road Department
Chris Cook	City of Benton Harbor & Village of Stevensville
Tim Zebell	City of St. Joseph
Sue Wyman	Cornerstone Alliance
Dick Stauffer	Lincoln Charter Township
Johnathon Fisk	St. Joseph Charter Township
Alex Little	TCATA

<b>Others Present</b>	
<b>Name</b>	<b>Representing</b>
Heather Cole	Be Healthy Berrien
Kevin Stack	Berrien County Road Department
Juan Ganum	City of Bridgman
Jim Sturdevant	MDOT Planning (entered meeting at 11:30 AM)
Brandon Kovnat	SWMPC (entered meeting at 11:30 AM)
Ryan Fellows	SWMPC
Kim Gallagher	SWMPC

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

Gallagher called the meeting to order at 11:04 AM. Gallagher reviewed the purpose of the meeting was to review projects submitted for the Transportation Improvement Program (TIP) to make a recommendation to the Technical Advisory Committee, which in-turn advises the Police Committee, who makes the decision. She also reviewed the definitions of some of the terminology that might get used, such as advanced construct (borrowing funds from future years) and conversions (taking of funds to use in a previous year).

Berndt noted the TIP required fiscal constraints – meaning that funds must be spent in the year given or they will be returned to the State of Michigan. Stauffer emphasized the importance of not losing funds. Gallagher noted that it has been many years since TwinCATS lost funds.

Cook started a discussion on the scoring methodology used on the submitted projects. He said he thought the scoring system was not perfect. For example, sometimes 3R projects were recorded as 4R projects. He said judgment needed to be applied on Complete Street points on exempt projects. More consideration is needed on crash reduction factors scoring. Also, which sort of planning document should count for points? He doesn't necessarily believe the scores are right. Zebell offered that next time a peer review session could be held with engineer committee members and SWMPC staff.

#### 2. **Public Comment**

Heather Cole of Be Healthy Berrien presented the Sub-Committee with a letter stating the importance of non-motorized infrastructure and support for Complete Streets.

### 3. Project Selection

Berndt reviewed with the Sub-Committee already approved projects. He noted that the Hickory Creek Bridge project in Lincoln Township had to be scaled down due to the wetland not being good for sidewalk construction and that the State would not give a permit for it. Paved shoulders would be used instead. He said \$100,000 would be Lincoln Township cost and \$270,000 would be Berrien County Road Department cost.

Sturdevant and Kovnat entered the meeting at 11:30 AM. A recap was given to catch up Kovnat and Sturdevant on the scoring methodology issues. Gallagher noted that the hope was to take opinion out of the process. Kovnat said that clarity was needed on answers stating an increase of asset life expectancy versus just stating life expectancy. Cook noted the difficulty of doing crash reduction factors.

Sub-Committee members reviewed the various projects. Berndt sought balance so that each jurisdiction could be awarded a project. Because the request for Langley Avenue is so large, funding needed to come from two years.

**Motion** for the Sub-Committee to recommend to the Technical Advisory Committee to recommend that the Policy Committee approval of the following TIP projects within the specified years.

2021: Langley Avenue \$650,000; Marquette Woods Road \$325,000 (\$50,000 advance construct from 2023)  
2022: Red Arrow Highway south \$656,000; Empire Ave. \$339,000 (\$45,000 advance construct from 2023)  
2023: Lake Street \$440,000; John Beers Road \$224,000; Napier Avenue \$256,000; \$50,000 Marquette Woods Road conversion to 2021; \$45,000 Empire Avenue conversion to 2022

The Illustrative List top priorities will be: 1. Washington Avenue; 2. Pipestone Street; 3. Langley Avenue; then remaining application projects per score order.

Brian Berndt – Yes

Chris Cook – Yes

Tim Zebell – Yes

Sue Wyman – Yes

Dick Stauffer – Yes

Johnathon Fisk – No

Alex Little – No

Motion by Cook, second by Zebell.

Vote: 5 yes, 2 no – **Motion approved.**

For the record, Little objected to Empire Avenue being pushed into 2022 rather than the requested 2021. He said his busses were taking damage from Empire Avenue, and that the work could not wait.

Although it is not possible to commit 2024 funds at this time, it is the intent of the Sub-Committee to have the top priority of the Illustrative List be funded in 2024.

### 4. Adjournment

Meeting was adjourned at 1:03 PM.

*(Minutes respectfully submitted by Ryan Fellows, Associate Planner.)*

TWIN CITIES AREA TRANSPORTATION STUDY 2020-2023 LOCALLY PROPOSED ROAD PROJECTS - Project Selection Committee Meeting December 17, 2018																				
Project Information								Funding				System Preservation			Reginal Conectivity					
Agency Name	City or Township	Project Name	Proposed Year(s) of Project funding	Project Limits	Project Length (miles)	Primary Work Type	Project Description	STBG (Federal)	Local	Total Project Cost	Advance Construct Amount Willing	Latest PASER Rating	Current Drainage	Increase in RSL	Conforms to Complete Streets	Carries Fixed Transit Route	Current Daily Traffic Count	Coordinates with other Infrastructure Projects	Total Score	
Berrien County Road Department	Benton Charter Township	Napier Avenue	2020	I-94 to 4300 feet West	0.81	Resurface	Mill and Fill. ADA sidewalk ramp upgrades as required.	\$471,000			no	3 to 4	Adequate	15 to 20	NO	NO	Above 10,000	No	33	
Berrien County Road Department	Lincoln Charter Township	Marquette Woods Road Widened Shoulders - Roosevelt to Cleveland	2020	S. Roosevelt to Cleveland Ave.	0.5	Resurface	Widen shoulders to 6 ft. paved, resurface exisging HMA surface. Work requires widening of exisging bridge over Hickory creek to accommodate pedestrian use.	\$485,000			100,000	3 to 4	Adequate	15 to 20	YES	NO	2,000 to 5,000	No	38	
Berrien County Road Department	Lincoln Charter Township	Marquette Woods Road Widened Shoulders - Roosevelt to Cleveland	2021	S. Roosevelt to Cleveland Ave.	0.5	Resurface	Widen shoulders to 6 ft. paved, resurface exisging HMA surface. Work requires widening of exisging bridge over Hickory creek to accommodate pedestrian use. (ACC for 2020 project)	\$70,000				3 to 4	Adequate	15 to 20	YES	NO	2,000 to 5,000	No	38	
City of St. Joseph	City of St. Joseph	Langley Avenue Reconstruction Project	2021	Napier Avenue to Miller Dr.	0.85	Reconstruction	Full reconstruction of Langley Avenue from Pearl Street to Napier Avenue including all underground utilities (water main, sanitary sewer and storm sewer). Non-motorized facilities: either a non-motorized path or bike lanes will be added. Crosswalk, sidewalks, etc. will be designed to meeting current ADA standards.	\$650,000			\$650,000	1 to 2	Inadequate drainage, frequent flooding, excessive maintenance required	15 to 20	YES	YES	5,000 to 10,000	Yes	42	
City of Benton Harbor	City of Benton Harbor	Empire Avenue	2022	Pipestone Road to East City Limits	0.2	Reconstruction	The proposed work includes reconstruction of roadway with storm replacement, and sidewalk and ramp replacement	\$393,400			no	1 to 2	Occasional drainage problems with some maintenance required	15 to 20	YES	YES	2,000 to 5,000	No	32	
Village of Stevensville	Village of Stevensville	Red Arrow Highway	2022	John Beers Rd to 1,250 ft south of Johnson Rd	0.72	Restore & Rehabilitate	The plan for the project is to mill the existing surface down to a depth of 3", place a 1" scratch course of asphalt with a geosynthetic paving fabric, and pave the roadway with 2" of hot mix asphalt.	\$656,725			no	3 to 4	Adequate	10 to 14	NO	NO	Above 10,000	No	28	
Berrien County Road Department	Royalton Township	John Beers Road	2023	Edison Road to M-139	0.6	Resurface	Construct 5 foot wide paved shoulders and resurface.	\$224,000			no	3 to 4	Adequate	15 to 20	YES	NO	2,000 to 5,000	No	35	
Berrien County Road Department	Benton Charter Township	Napier Avenue	2023	Broadway Avenue to 3700 Feet East of St. Joseph River	0.52	Resurface	Mill and Fill. ADA sidewalk ramp upgrades as required.	\$256,000			no	3 to 4	Adequate	15 to 20	NO	NO	Above 10,000	No	33	
City of Bridgeman	City of Bridgman	Lake Street Road Improvements - Church St. to Gast Rd.	2023	Church Street to Gast Road	0.5	Restore & Rehabilitate	Crush and shape Lake Street from Churst St. to Gast Rd., misc. curb, and gutter replacement, type 4E1 & 5E1 HMA, drainage structure adjustments, upgrading sidewalks at intersections to meet ADA standards, pavements markings, permanent signage & appurtenances.	\$440,800			\$200,000	5 to 7	Occasional drainage problems with some maintenance required	15 to 20	YES	NO	5,000 to 10,000	Yes	34	
Berrien County Road Department	Sodus Township	Pipestone Road	2024	Nickerson Road to Sodus Parkway	1.45	Resurface	Mill and Fill existng HMA Surface	\$244,000			no	3 to 4	Adequate	15 to 20	NO	NO	Less than 2,000	No	26	
Berrien County Road Department	St. Joseph Charter Township	Washington Avenue	2024	M-63 to Maiden Lane	2.14	Resurface	Mill and Fill exisging pavement	\$500,000			no	3 to 4	Adequate	15 to 20	YES	NO	5,000 to 10,000	No	36	
City of St. Joseph	City of St. Joseph	Langley Avenue Reconstruction Project	2024	Miller Dr. to Pear St.	0.85	Reconstruction	Full reconstruction of Langley Avenue from Pearl Street to Napier Avenue including all underground utilities (water main, sanitary sewer and storm sewer). Non-motorized facilities: either a non-motorized path or bike lanes will be added. Crosswalk, sidewalks, etc. will be designed to meeting current ADA standards.	\$657,000												
Village of Stevensville	Village of Stevensville	Red Arrow Highway	Illustrative	John Beers Rd to 750 ft north of Puetz Rd	0.47	Restore & Rehabilitate	The plan for the project is to mill the existing surface down to a depth of 3", place a 1" scratch course of asphalt with a geosynthetic paving fabric, and pave the roadway with 2" of hot mix asphalt.	\$412,810			no	3 to 4	Adequate	10 to 14	NO	NO	Above 10,000	No	29	
Village of Stevensville	Village of Stevensville	John Beers Rd	Illustrative	St. Joseph Ave to Red Arrow Highway	0.43	Reconstruction	The plan for the project is to remove the exisiting asphalt roadway, cub and gutter, and sidewalk along the south side of the roadway. The proposed roadway will be 29 ft wide with curb and gutter. 6 ft sidewalks will be placed on both sides of roadway behind the curb and gutter.	\$792,228			no	3 to 4	Minor and tolerable drainage problems	15 to 20	YES	NO	2,000 to 5,000	No	33	
Village of Stevensville	Village of Stevensville	John Beers Road/Grand Mere Road	Illustrative	Red Arrow Highway to Notre Dame Ave	0.44	Reconstruction	The plan for the project is to remove the existing asphalt roadway and reconstruct the roadway with 5.5 inches of hot mix asphalt. This would create two 11 ft lanes with 5 ft shoulders for the bike lanes.	\$485,800			no	3 to 4	Minor and tolerable drainage problems	15 to 20	YES	NO	2,000 to 5,000	No	33	
Berrien County Road Department	Lincoln Charter Township	John Beers Road	Illustrative	Stevensville Village Limits to Cleveland Ave.	1	Resurface	Mill and Fill existing pavement with 4.75 foot paved shoulder	\$412,000			no	3 to 4	Adequate	15 to 20	YES	NO	5,000 to 10,000	No	38	
City of Benton Harbor	City of Benton Harbor	Broadway	Illustrative	City Limits to May Street	0.25	Restore & Rehabilitate	The proposed work includes milling and resurfacig of the roadway with sidewalk and ramp replacement	\$180,600			no	3 to 4	Minor and tolerable drainage problems	10 to 14	YES	NO	Less than 2,000	No	29	
Berrien County Road Department	Benton Charter Township	Napier Avenue	Illustrative	Broadway Avenue to 500 Feet West of Milton	0.56	Resurface	Mill and Fill. ADA sidewalk ramp upgrades as required.	\$336,000			no	3 to 4	Adequate	15 to 20	NO	NO	Above 10,000	No	34	
City of St. Joseph	City of St. Joseph	Upton Drive Reconstruction Project	Illustrative	Virginia Court to City Limits (600 feet north of North Upton Drive)	0.49	Reconstruction	Full reconstruction of Upton Drive from Virginia Court north including most of the underground utilities (water main, sanitary sewer and storm sewer). Non-motorized facilities: either a non-motorized path or bike lanes will be added. Crosswalk, sidewalks, etc. will be designed to meeting current ADA standards.	\$739,100			\$300,000	3 to 4	Inadequate drainage, frequent flooding, excessive maintenance required	15 to 20	YES	YES	2,000 to 5,000	Yes	40	
City of St. Joseph	City of St. Joseph	Broad Street Resurfacing Project	Illustrative	Main Street (BL94) to Pearl Street	0.56	Resurface	Mill & resurface Broad from Main Street (BL94) to Pearl Street. Includes minor utility improvements, sidewalk and ADA ramp replacement as needed to meet current ADA requirements.	\$218,000			no	3 to 4	Adequate	7 to 9		YES	5,000 to 10,000	No	38	
Berrien County Road Department	Benton Charter Township	Napier Avenue	Illustrative	Plaza Drive to 4300 Feet West of I-94	0.3	Resurface	Mill and Fill. ADA sidewalk ramps upgrade as required.	\$200,000			no	3 to 4	Adequate	15 to 20	NO	YES	Above 10,000	No	34	
City of St. Joseph	City of St. Joseph	Water Street Reconstruction Project	Illustrative	South State Street to Vine Street	0.11	Reconstruction	Full reconstruction of Water Street, replacement of underground utilities as needed and rehabilitation of the existing retaining wall. Crosswalks, sidewalks, etc. will be designed to meeting current ADA standards.	\$339,000			no	1 to 2	Inadequate drainage, frequent flooding, excessive maintenance required	15 to 20	YES	NO	2,000 to 5,000	Yes	32	
City of St. Joseph	City of St. Joseph	Botham Avenue Reconstruction Project	Illustrative	South State Street to Niles Avenue (M-63)	0.13	Reconstruction	Full reconstruction of Botham Avenue and all underground utilities (water main, sanitary sewer and storm sewer). Non-motorized facilities: either a non-motorized path or bike lanes will be added. Crosswalk, sidewalks, etc. will be designed to meeting current ADA standards.	\$250,600			\$125,000	3 to 4	Inadequate drainage, frequent flooding, excessive maintenance required	15 to 20	YES	NO	5,000 to 10,000	Yes	35	
City of St. Joseph	City of St. Joseph	Lake Boulevard Resurfacing Project	Illustrative	Ship Street to Sutherland Avenue	0.65	Resurface	Mill & resurface Lake Blvd from Ship St. to Sutherland Ave. Includes minor utility improvements, sidewalk and ADA ramp replacement as needed to meet current ADA requirements.	\$225,000			no	5 to 7	Adequate	7 to 9	YES	YES	2,000 to 5,000	No	33	