



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

FOR FURTHER INFORMATION CONTACT:

Kim Gallagher, *Transportation Planner*

(269) 925-1137 x 1518

Brandon Kovnat, *Transportation Planner*

(269) 925-1137 x1524

DATE: Monday, September 18, 2017

TIME: 9:30AM

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

499 W Main St, Benton Harbor, MI 49022

AGENDA

1. Call to Order / Introductions
2. Changes to the Agenda
3. Public Comment
4. Approve Minutes from the August 21, 2017 Meeting (*Enclosed*) **Action**
5. Staff Report
 - Napier Corridor Study
 - 2045 Long Range Plan
6. Community Land Use and Zoning Member Updates
7. Public Transit
 - SWMPC Transit Updates – Countywide Transit Study
 - Twin Cities Area Transportation Authority
8. Airport Updates
9. Agency Project Status

Status of FY 2017 Projects

 - Berrien County Road Commission
 - Village of Stevensville
 - City of Benton Harbor
 - MDOT

Introduction to FY 2018 Projects (*Enclosed*)

 - City of St. Joseph
 - Berrien County road Commission
 - MDOT
10. Old Business
11. New Business
 - Presentation of Future Year Socioeconomic Data (*Katie Beck, MDOT*)
 - State and Federal Updates
12. Privilege of the Floor
13. Adjournment
 - The next TwinCATS meeting is scheduled for **Monday, October 16, 2017 @ 9:30 am.**

TWIN CITIES AREA TRANSPORTATION STUDY
TAC and Policy Committee Combined Minutes
August 21, 2017 9:30 A.M.
Kinexus, Lighthouse Room

Present		Committee	
Name	Representing	TAC	Policy
Calli Berg**	Benton Charter Township	x	
Carolyn Fowler	Benton Charter Township		x
Evan Smith	Berrien County Community Development	x	
Brian Berndt	Berrien County Road Commission	x	
Chris Cook	City of Benton Harbor	x	X**
Tim Zebell	City of St. Joseph	x	
Stacey Stephens	Cornerstone Alliance	x	X
Dick Stauffer	Lincoln Charter Township		x
Jonathon Smith	MDOT Coloma Business Office	x	X
Brenda Burdick	MDOT Coloma Business Office	NA	NA
Jason Latham	MDOT Southwest Region	x	X
Katie Beck	MDOT SUTA*	x	
Vince Des Jardins	Southwest Michigan Regional Airport	x	x
Jonathan Fisk**	St. Joseph Charter Township	x	x
Alex Little	TCATA	x	x
Eric Lester	Citizen	NA	NA
Brandon Kovnat	SWMPC	Staff	
Kim Gallagher	SWMPC	Staff	
Absent		Committee	
Name	Representing	TAC	POL
Kelli Nelson	Benton Charter Township	x	
Darin Watson	City of Benton Harbor		x
Juan Ganum	City of Bridgman	x	x
Terezie Harazinova	Disability Network Southwest Michigan	x	
Andrea Dewey	Federal Highway Administration*	x	x
Angelica Selgado	Federal Transit Administration*	x	X
Deb Kavenah	Hagar Township	x	
Gloria Payne	Lake Charter Township	x	x
Fred Featherly	MDOT Passenger Division	x	
Scott Weber	Northwestern Indiana Regional Planning Commission*	x	X

Absent		Committee	
Name	Representing	Tac	POL
Scott Weber	Northwestern Indiana Regional Planning Commission*	x	X
David Chandler	Sodus Township	x	x
Roger Seeley	St. Joseph Charter Township	x	
Bill Purvis	TCATA	x	X
John Olson	Village of Shoreham	x	X
Denise Cook	St. Joseph Charter Township		x
Steve Tilly	Royalton Township		x
Jim Sturdevant	MDOT Statewide Planning	x	X
Terrie Smith	Lincoln Charter Township	x	
John Hodgson	City of St. Joseph		x
Bill Chickering	Berrien County Commission		x
Bill Hodge	Berrien County Planning Commission		x

*Non-Voting **Alternate Member

1. Call to Order / Introductions

Meeting called to order by Brian Berndt at 9:30 AM followed by introductions.

2. Changes to the Agenda

None.

3. Public Comment

None.

4. Approve Minutes from the June 19, 2017 Meeting

Motion to approve the minutes from the July 17, 2017 meeting with minor corrections, by Evan Smith, second Vince Des Jardins. **Motion Approved**

5. Old Business

None.

6. New Business

MDOT: Jason Latham said that MDOT was planning traffic signal modernization to allow for integration with connected vehicles. To secure funding they need to approve the Preliminary Engineering and Right of Way phases in FY 2017. The signals will be located in the TwinCATS, NATS, and KATS MPOs. The project will be added as a GPA.

Motion for the Technical Advisory Committee to recommend approval of PE and ROW phase of the Traffic Signal Modernization project, by Brian Berndt Smith, second Chris Cook.

Motion Approved.

Motion for the Policy Committee to approve the PE and ROW phase of the Traffic Signal Modernization project by Dick Stauffer, second by Jonathan Fisk. **Motion Approved.**

Kim Gallagher mentioned that by placing the project into a GPA they could include multiple locations under the same job number and add or change signal locations if needed administratively. This would prevent needing to hold votes for these minor changes.

State and federal Updates

Jason Latham said that the entire state government was moving to a new accounting system called SIGMA. Any agency that receives state funds would need to be familiar with it.

Katie Beck said that she had finished calibrating the base year of the model. The next step in September is to present future year employment and demographic data. She also asked that any known capacity increases be identified so she could add them to the future year model. Specifically, she requested information on any additional lanes being added, and if they would be through lanes, turning lanes, or parking. She also requested that any illustrative projects be considered which can be tested through the model.

7. Privilege of the Floor

Chris Cook asked to reconvene the Walk and Roll Subcommittee. He had prepared a report on progress made on the roads that were top priority for non-motorized improvements from the 2040 Long Range Plan. He requested that the committee meet before the next TwinCATS meeting

Kim Gallagher said that the countywide Transit Study was in Transition. The CEO of Nelson Nygaard is taking over as the project manager. A public survey is the final draft stage.

AECOM was chosen as the consultant for the Napier Corridor Study. The Contract is currently under review by MDOT and a project kick off is expected in September

8. Adjournment

Meeting adjourned at 9:50 AM.

Minutes Compiled by: Brandon Kovnat, Associate Transportation Planner, SWMPC

2017-2020 Transportation Improvement Program for the Twin Cities Area Transportation Study

FY 2017 STBG Urban

Responsible Agency	Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Federal Cost	Local Cost	Total Phase Cost
Berrien County Road Commission	Hilltop Road	120848	BL-94 to M-63	1.0	Restore & rehabilitate	\$565,000	\$125,289	\$690,289
Berrien County Road Commission	John Beers Road	120849	0.32 miles east of Hollywood Road to 0.51 miles West	0.83	Resurface	\$192,163	\$46,600	\$238,763
City of Benton Harbor	Colfax South Resurfacing	130791	May to Emery	0.25	Resurface	\$87,000	\$42,000	\$228,000
FY 2017 STP-Urban Total						\$844,163	\$171,899	\$1,016,052

FY 2017 TCATA Transit Projects

Project Name	Fund Source	Federal Cost	State Cost	Local Cost	Total Cost
Regular Operating Expenses	5307	\$777,380	\$658,744	\$406,000	\$1,842,124
Bus Purchase	5307	\$205,194	\$51,300		\$256,494
Bus Purchase	5307	\$27,145	\$6,787		\$33,932
Mobility Manager	5310	\$60,000	\$15,000		\$75,000
Bus Purchase	5339	\$16,449	\$4,111		\$20,560
Replace One Bus	5339	\$68,398	\$17,100		\$85,498
Bus Purchase	CM	\$230,000	\$57,500		\$287,500
JARC			\$386,040		\$386,040
Bus Purchase	5307	\$68,398	\$17,100		\$85,498
Phone System	5307	\$7,200	\$1,800		\$9,000

FY 2017 MDOT Projects

Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Phase	Federal Cost	State Cost	Total Phase Cost
M-139 Passing Flare	127448	M-139 between Tanglewood and Anna	0.71	Traffic ops/safety	ROW	\$4,093	\$907	\$5,000
					PE	\$53,096	\$11,774	\$64,870
I-196 Overlay	118792	I-94 to 0.5 miles South of M-63 (Exit 7)	8.09	Restore & rehabilitate	ROW	\$22,500	\$2,500	\$25,000
US-31 Longitudinal Joint repair	128742	Temp End Freeway to S JCT I-94	1.90	Resurface	CON	\$234,036	\$51,897	\$285,933
M-63 Crack Fill	128736	M-63 from I-94 to Midway	2.20	Restore & rehabilitate	CON	\$28,412	\$6,300	\$34,712
M-63 Overlay	127563	on M-63 from Winchester to I-94 BL	1.13	Resurface	CON	\$80,525	\$17,856	\$98,381
I-94 Road and Bridge Scoping	132824	0.5 miles west of I94 BL(exit 23) to the St. Joseph River	3.50	Miscellaneous	EPE	\$4,093	\$400,000	\$400,000
I-94 Substructure Repair	200006	Over I-94 BL (Lakeshore Dr.)		Bridge restore & rehabilitate	SUB	\$53,096	\$39,259	\$39,259
I-94 Substructure Repair	200006	Over I-94 BL (Lakeshore Dr.)		Bridge restore & rehabilitate	CON	\$22,500	\$52,454	\$524,529
US-31 Concrete Joint Resealing	200628	M-139 to Napier Ave.	2.50	Restore and Rehabilitate	PE	\$25,521	\$5,599	\$31,120
					CON	\$555,516	\$123,185	\$678,701
EB I-94 Interchange	130008	Britain Avenue to I-196	3.87	Reconstruct	PE	\$4,237,579	\$939,671	\$5,177,250
					SUB	\$1,491,921	\$330,829	\$1,822,750
Traffic Signal Modernization	200366	Multiple Locations (GPA)		Traffic ops/safety	PE	\$160,000	-	\$160,000
					SUB	\$2,500	-	\$2,500
I-94 WB Overlay	128907	E of I-196 to W of M-140	5.60	Resurface	PE	\$195,197	\$ 21,689	\$216,886

FY 2017 Other Funding Sources

Responsible Agency	Project Name	MDOT Job #	Project Limits	Fund Source	Federal Cost	State Cost	Local Cost	Total Phase Cost
Village of Stevensville	Red Arrow Highway and John Beers Road Intersection Improvements	130877	400 ft. south of John Beers Rd to 400 ft. North of John Beers Rd.	HSIP	\$355,505		\$39,501	\$395,005
Berrien County Road Commission	Territorial Road Culvert	131453	North Branch Road to Millburg Drive	RTF	\$709,167*		\$329,548	\$1,038,715
Berrien County Road Commission	Hilltop Road Crossing Surface Replacement	200245	Hilltop Road, Rail Crossing	State Rail Funds		\$37,463	\$24,976	\$62,439
Berrien County Road Commission	Upgrading Guardrails on Various Primary Roads	130875	Broadway from Napier Ave to City of Benton Harbor Limits	HSIP	\$9,000		\$1,000	\$10,000
SWMPC	Rideshare	124467	Countywide	CMG	\$12,000			\$12,000
Berrien County Road Commission	River Road Bridge replacement	126674	Over Pipestone Creek	BRT	\$864,00	\$162,000	\$54,000	\$1,080,000

*additional \$121,085 will be Advance Constructed and repaid in 2018. Total federal cost is \$830,972.

2018 STBG Urban

Responsible Agency	Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Federal Cost	Local Cost	Total Phase Cost
Berrien county road Commission	Nickerson Avenue	130797	M-139 to 700 feet East of Woodley	0.64	Resurface	\$143,000	\$32,000	\$175,000
Berrien County Road Commission	Shawnee Road	130793	Jericho Road to Date Road	0.50	Reconstruct	\$ 268,925	\$184,075	\$453,000
City of St. Joseph	Wallace Avenue	133290	Lakeshore Drive to Lakeview Ave.	0.25	Reconstruct	\$460,000	\$1,000,000	\$1,460,000
FY 2018 STP-Urban Total						\$871,925	\$ 1,216,075	\$2,088,000

FY 2018 TCATA Transit Projects

Project Name	Fund Source	Federal Cost	State Cost	Local Cost	Total Cost
Regular Operating Expenses	5307	\$813,836	\$726,370	\$356,000	\$1,896,206
Mobility Manager	5310	\$60,000	\$15,000		\$75,000
Facilities Improvement	5339	\$80,000	\$20,000		\$100,000
JARC			\$397,347	\$33,000	\$430,347

FY 2018 MDOT Projects

Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Phase	Federal Cost	State Cost	Total Phase Cost
M-63 Bridge Replacement	115754	on M-63 over I-196		Bridge Replacement	CON	\$4,135,701	\$459,522	\$4,595,223
I-196 Overlay	118792	I-94 to 0.5 miles South of M-63 (Exit 7)	8.09	Restore & rehabilitate	CON	\$15,840,000	\$1,760,000	\$17,600,000
Napier Avenue Carpool Lot	116509	At Napier Avenue and US-31		Roadside facility	CON	\$ 69,573	\$15,427	\$85,000

FY 2018 Other Funding Sources

Responsible Agency	Project Name	MDOT Job #	Project Limits	Fund Source	Federal Cost	State Cost	Local Cost	Total Phase Cost
Berrien County Road Commission	Territorial Road Culvert	131453	North Branch Road to Millburg Drive	RTF	121,805*	-	-	121,805
Berrien County Road Commission	Red Arrow Highway	129834	Bridgman city limits to 0.8 mi south	RTF	\$449,334	\$258,769	-	\$708,103
City of Benton Harbor	Traffic Signal Replacement		Pipestone at Jefferson St	CMAQ	\$264,254	-	-	\$264,254
SWMPC	Rideshare		Countywide	CMAQ	\$12,000	-	-	\$12,000

*Advance construct Conversion to repay for funds used in FY2017

2019 STBG Urban

Responsible Agency	Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Federal Cost	Local Cost	Total Phase Cost
Berrien County Road Commission	John Beers Road	130789	Hollywood Road to Scottsdale Road	0.51	Resurface	\$350,000	\$129,000	\$479,000
Berrien County Road Commission	Napier Avenue	130790	St. Joseph River to 3700 Feet East	0.87	Reconstruct	\$335,000	\$74,000	\$409,000
City of Benton Harbor	Colfax South	130791	May to Emery	0.25	Resurface	\$98,597	\$42,000	\$140,597
FY 2019 STP-Urban Total						\$433,597	\$116,000	\$549,597

FY 2019 TCATA Transit Projects

Project Name	Fund Source	Federal Cost	State Cost	Local Cost	Total Cost
Regular Operating Expenses	5307	\$816,249	\$691,681	\$406,000	\$1,913,930
Mobility Manager	5310	\$60,000	\$15,000		\$75,000
Replace One Bus	5339	\$72,000	\$18,000		\$90,000
JARC		\$386,040			\$386,040

FY 2019 MDOT Projects

Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Phase	Federal Cost	State Cost	Total Phase Cost
I-94	126888	under Glenlord Road and Cleveland Avenue over I-94	0.39	Restore & rehabilitate	CON	\$2,727,000	\$303,000	\$3,030,000
EB I-94	130008	From Britain Avenue to I-196	3.87	Restore & rehabilitate	ROW	\$135,000	\$15,000	\$150,000
I-94 BL	128063	over St. Joseph River in Benton Harbor	0.179	Bridge - other	CON	\$2,232,905	\$495,139	\$2,728,044
M-63	128059	over St. Joseph River	0.189	Bridge - other	CON	\$3,008,373	\$667,098	\$3,675,471

FY 2019 Other Funding Sources

Responsible Agency	Project Name	MDOT Job #	Project Limits	Fund Source	Federal Cost	State Cost	Local Cost	Total Phase Cost
Berrien County Road commission	South Roosevelt Road Non-Motorized Trail		Hidden Pines Trail to Marquette wood Road	CMAQ	\$398,254		\$176,746	\$575,000
SWMPC	Rideshare		Countywide	CMAQ	12,000*	-	-	\$12,000
Berrien County Road commission	Red Arrow Highway	129835	0.8 miles south of the City limits of Bridgman to 1.6 miles South of the City of Bridgman	RTF	\$400,762	\$117,363		\$518,125
Village of Baroda	Lemon Creek Road	120015	First Street to Ruggles	RTF	\$232,800	-	\$56,800	\$289,600

*This is an Advance Construct to be repaid in 2020

2020 STBG Urban

Responsible Agency	Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Federal Cost	Local Cost	Total Phase Cost
Berrien County Road Commission	Marquette Woods Road Shoulders Widening	130787	Roosevelt Road to Cleveland Ave.	0.49	Resurface	\$400,000	\$100,000	\$500,000
Berrien County Road Commission	Napier Avenue	130865	I-94 to 4300 Ft West	0.77	Resurface	\$471,000	\$104,100	\$575,100
FY 2019 STP-Urban Total						\$871,000	\$204,100	\$1,075,100

FY 2020 TCATA Transit Projects

Project Name	Fund Source	Federal Cost	State Cost	Local Cost	Total Cost
Regular Operating Expenses	5307	\$857,061	\$726,265	\$406,000	\$1,989,326
Mobility Manager	5310	\$60,000	\$15,000		\$75,000
Replace One Bus	5339	\$74,400	\$18,600		\$93,000
Replace Three Busses	CMAQ	\$210,000	\$52,500		\$262,500
JARC			\$386,040		\$386,040

FY 2020 MDOT Projects

Project Name	MDOT Job #	Project Limits	Project Length (miles)	Improvement Type	Phase	Federal Cost	State Cost	Total Phase Cost
M-139	127448	at Tanglewood/Anna and M-43 at 16th Avenue	0.71	Traffic ops/safety	CON	487	108	\$594,640
I-94 WB	128907	From I-196 to 0.7 miles west of M-140	5.60	Resurface	ROW	13,167	1,463	\$14,630,000

FY 2020 Other Funding Sources

Responsible Agency	Project Name	MDOT Job #	Project Limits	Fund Source	Federal Cost	State Cost	Local Cost	Total Phase Cost
Berrien County Road Commission	Traffic Signal Replacement		Napier Ave at Leeds Ave.	CMAQ	\$240,000	-	-	\$240,000
SWMPC	Rideshare		Countywide	CMAQ	\$12,000	-	-	\$12,000
SWMPC	Rideshare		Countywide	CMAQ	\$12,000*	-	-	\$12,000

*This is an Advance Construct Conversion to pay for the rideshare in 2019.



2017-2020 STBG FUNDED PROJECT

Nickerson Ave

Project Name: Nickerson Avenue

MDOT Job Number: 130797

Project Limits: M-139 to 700 feet East of Woodley

Project Length: 0.643 miles

Location: Sodus Township

Responsible Agency: Berrien County Road Commission

Year of TwinCATS Funding Award: 2018

Improvement Type: Resurface

Phase: CON

Complete Streets: Exemption granted

Work Description: Mill and fill 2 inches.



Federal Cost: \$143,000

Federal Funding Source: STUL

Local Cost: \$32,000

Local Funding Source: Berrien County Road
Commission

Total Cost: \$175,000



2017-2020 STBG FUNDED PROJECT

Shawnee Road

Project Name: Shawnee Road

MDOT Job Number: 130793

Project Limits: Jericho Road to Date Road

Project Length: 0.50 miles

Location: Lake Charter Township

Responsible Agency: Berrien County Road Commission

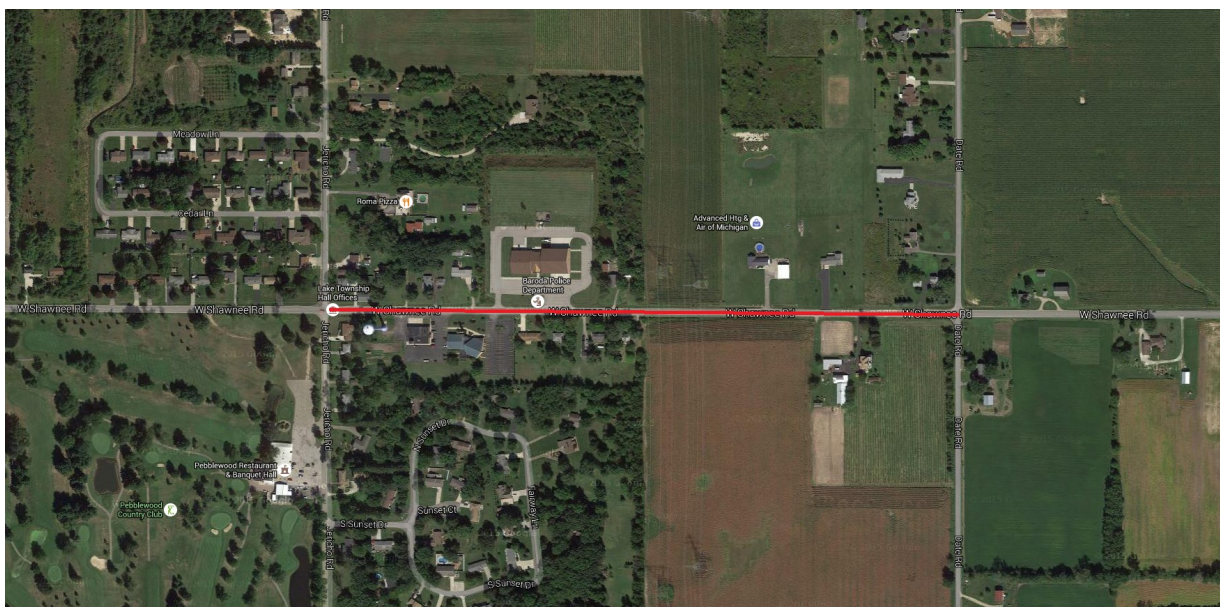
Year of TwinCATS Funding Award: 2018

Improvement Type: Reconstruct

Phase: CON

Complete Streets: Conforms

Work Description: Construct 5 foot wide paved shoulders and resurface.



Federal Cost: \$269,000

Federal Funding Source: STUL

Local Cost: \$184,000

Local Funding Source: Berrien County Road
Commission

Total Cost: \$453,000



2017-2020 STBG FUNDED PROJECT

Wallace Avenue

Project Name: Wallace Avenue

MDOT Job Number: 133290

Project Limits: Lakeshore Dr. to Lakeview Ave.

Project Length: 0.25 miles

Location: City of St. Joseph

Responsible Agency: City of St. Joseph

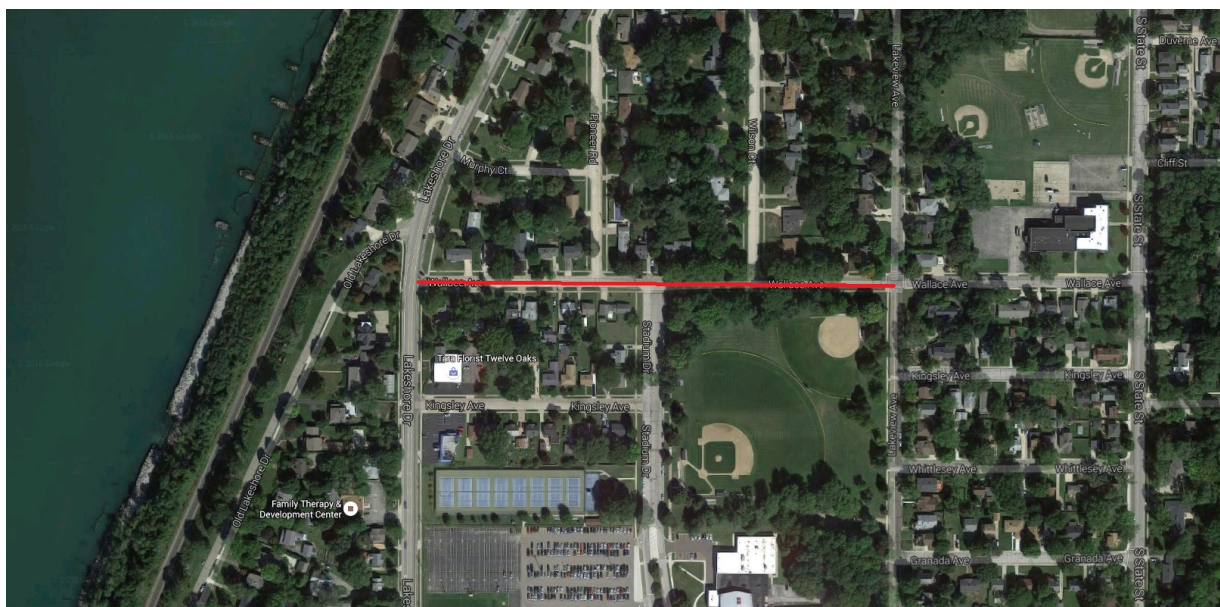
Year of TwinCATS Funding Award: 2018

Improvement Type: Full Reconstruction

Phase: CON

Complete Streets: Conforms

Work Description: 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 as needed. This project is being undertaken as part of the City's ongoing combined sewer overflow



Federal Cost: \$460,000

Federal Funding Source: STUL

Local Cost: \$1,000,000

Local Funding Source: City of St. Joseph

Total Cost: \$1,460,000