



**Genesee County Metropolitan Planning Commission
Technical Advisory Committee (TAC)**

**Conference Call Meeting
Due to Coronavirus Concerns**

**Dial-in Number: (312) 626-6799
Participant Code: 866 436 801#**

**Thursday, October 1, 2020
1:30 P.M.**

**A-G-E-N-D-A
Conference Call Meeting**

- I. Call to Order
- II. Roll Call
- III. Minutes
 - ***A. Minutes of the March 5, 2020 Regular Meeting (attached)
 - ***B. Minutes of the April 2, 2020 Regular Meeting (attached)
 - ***C. Minutes of the June 4, 2020 Regular Meeting (attached)
 - ***D. Minutes of the August 6, 2020 Regular Meeting (attached)
- IV. Old Business
- V. New Business
 - ***A. FY 2020-2023 Transportation Improvement Program (TIP) Amendment # 11 (attached)
 - ***B. FY 2022 Safety and High Risk Rural Road Projects (attached)
 - C. Asset Management Readiness Scale Update (attached)
 - D. Rowe: Roundabout Implementation Study Update (presentation)
- VI. Other Business
- VII. Announcements
- VIII. Adjournment

***** Action Item**

NEXT MEETING – November 5, 2020 at 1:30 P.M.

TECHNICAL ADVISORY COMMITTEE MEETING
Thursday, March 5, 2020, 1:30 p.m.

MINUTES

The Technical Advisory Committee met at 1:30 p.m. on Thursday, March 5, 2020, in the Conference Room of the Genesee County Metropolitan Planning Commission (GCMPC), 1101 Beach Street, Room 223, Flint, Michigan.

I. **Call to Order** 

Chairperson Markland called the meeting to order at 1:30 p.m.

II. **Roll Call** 

Present: Alex Patsy, Andy Harris, Brad Barrett, Chad Young, Ellen R Glass, Eric Johnston, Karyn Miller, Larry Green, Lynn Markland, Mark Adas, Michael Pifer, Robert Johnson, Shawnice Dorsey, Thomas Spillane, Tim Elkins, and Trevor Block.

Absent/Excused: Aaron Dawson, Adam Zettel, Andrea Schroeder, Betty Wideman, Bonnie Mathis, Brian Saad, Chris Yeates, Craig Williams, Curtis Armstrong, Dave Miller, David Dorr, Derek Bradshaw, Don Mayle, Ed Benning, Emily Alexander, Eric Weiderhold, Fred Peivandi, Frederick Thorsby, Gary Stevens, Jay Reithel, Joseph Madore, Joseph Rizk, Mark Emmendorfer, Mary Ann Price, Neil Rankin, Paul Fortino, Sam Stiff, Scott Bennett, Sheri Wilkerson, Steven Furh, Steven Katenhus, Teresa Onica, Vicki Fishell, and Wendy Jean-Buhrer.

Others Present: Jason Nordberg, Sharon Gregory, Zachary Sompels, and Debby Compton.

III. **Minutes** 

***A. **Minutes of the February 6, 2020 Regular Meeting**


Motion: Action: Approve, **moved by** Tim Elkins, **supported by** Robert Johnson, to approve the minutes of the February 6, 2020 regular meeting as presented.

Motion carried unanimously.

IV. **Old Business** 

- A. **Roundabout Implementation Study for Genesee County Intersections Update**
Sharon Gregory stated that the Request for Proposal (RFP) is scheduled to be released on Monday, March 9th. The pre-bid meeting will be held on Wednesday, March 25th, and the responses to the RFP will be due by Thursday, April 9th.

***B. **Genesee: Our County, Our Future Plan Approval to begin Public Comment**

 Sharon Gregory stated that as a reminder staff met with MDOT and FHWA to receive their initial feedback on the Plan at the end of January. They really liked the plan; however, they had some suggestions so staff has been working on those edits. Staff is now ready to begin the public comment period. Staff asked the local agencies to print a printer-friendly copy of the plan or to have a computer available for the public to review and comment on the plan in case they come into their agency to see it during this comment period. At this time, staff is requesting that the Technical Advisory Committee provide approval for staff to begin the thirty-day public comment period.

Motion: Action: Approve, **moved by** Brad Barrett, **supported by** Eric Johnston, to approve beginning the thirty-day comment period for the Genesee: Our County, Our Future Plan.

Motion carried unanimously.


Jason Nordberg stated that on the GCMPC website are the technical reports and mapping applications as well. Any information staff used in the plan is out there for local units to use in doing their master plans as well. Attendees were asked to take a look at the information and provide staff with any comments.

Sharon Gregory advised the committee on the locations of the public input sessions coming up the third week in March.

- Davison Farmers' Market on Tuesday, March 24th.
- Flint Farmers' Market on Thursday, March 26th.
- Fireside Coffee Company on Friday, March 27th.

V. **New Business**

***A. **FY 2020-2023 Transportation Improvement Program (TIP) Amendment #6**

 Sharon Gregory stated that Amendment #6 is all MDOT projects. Two (2) projects had been suspended but have been added back in. One (1) project was deleted, but that was just to change the project number. One (1) project is being changed. In Amendment #5 the bond projects didn't have job numbers, so this month they have been assigned job numbers and the PE has been identified separately from the construction. At this time, staff is recommending endorsement of Amendment #6 to the FY 2020-2023 Transportation Improvement Program (TIP) from the Technical Advisory Committee to the Genesee County Metropolitan Alliance.

Motion: Action: Approve, **moved by** Robert Johnson, **supported by** Larry Green, to recommend endorsement of the FY 2020-2023 Transportation Improvement Program (TIP) Amendment #6 to the Genesee County Metropolitan Alliance Committee as presented.

Motion carried unanimously.

B. **Call for FY 2023 Local Bridge Program Applications** 

Zachary Sompels stated that MDOT has announced its FY 2023 Local Bridge Program Call for Projects. The budget is estimated to be at \$50 million but that is subject to change. Each agency is limited to five (5) applications and they are due to MDOT by May 1, 2020. Questions or further information can be directed to MDOT Bridge Program Manager, Keith Cooper at 517-335-4526 or CooperK@michigan.gov.

VI. **Other Business** 

None

VII. **Announcements** 

A. **2019 Genesee County Annual Report**

<http://gcmnpc.org/reports-data/>

Jason Nordberg announced that the GCMPC 2019 Annual Report is available. This report outlines all of the activities GCMPC staff had accomplished in 2019.

VIII. **Adjournment** 

Chairperson Markland adjourned the meeting at 1:43 p.m.

Respectfully submitted,
Debby Compton, Secretary
Genesee County Metropolitan Planning Commission

**TECHNICAL ADVISORY COMMITTEE MEETING
MINUTES
April 2, 2020**

The Technical Advisory Committee met at 1:30 p.m. on Thursday, April 2, 2020 via a Zoom Conference Call due to the closure of the Genesee County Administration Building in response to the COVID-19 pandemic.

Jason Nordberg welcomed everyone and thanked them for calling into the April 2, 2020, Technical Advisory Committee (TAC) meeting. Mr. Nordberg went over some guidelines for the conference call.

- Do keep your phone on mute unless:
 1. asking or responding to a question
 2. responding to roll call
 3. making or supporting a motion.
- Do state your name when making or supporting a motion.
- Do not put your phone on hold as any background noise such as music could disrupt the quality of the conference call.

Mr. Nordberg indicated that staff will be brief and concise, and he asked that participants do the same. Staff had asked that questions be e-mailed to Sharon Gregory before the meeting so the questions could be addressed at this meeting. Staff did not receive any questions.

Mr. Nordberg turned the meeting over to Chairperson Markland.

I. **Call to Order**

Chairperson Markland called the meeting to order at 1:35 p.m. and thanked everyone for participating in the conference call.

II. **Roll Call**

Present: Andrea Schroeder, Brad Barrett, Derek Bradshaw, Don Mayle, Ed Benning, Eric Johnston, Jay Reithel, Lynn Markland, Mark Adas, Michael Pifer, Robert Johnson, Shawnice Dorsey, Tim Elkins, and Trevor Block.

Absent/Excused: Aaron Dawson, Adam Zettel, Alex Patsy, Andy Harris, Betty Wideman, Bonnie Mathis, Brian Saad, Chad Young, Chris Yeates, Craig Williams, Curtis Armstrong, Dave Miller, David Dorr, Ellen Glass, Emily Alexander, Eric Weiderhold, Fred Peivandi, Frederick Thorsby, Gary Stevens, Joseph Madore, Joseph Rizk, Karyn Miller, Larry Green, Mark Emmendorfer, Mary Ann Price, Neil Rankin, Paul Fortino, Sam Stiff, Scott Bennett, Sheri

Wilkerson, Steven Furh, Steven Katenhus, Teresa Onica, Thomas Spillane, Vicki Fishell, and Wendy Jean-Buhrer.

Others Present: Anita Boughner, Jason Nordberg, Sharon Gregory, and Debby Compton.

III. **New Business**

***A. **FY 2020-2023 Transportation Improvement Program (TIP) Amendment #7**

Sharon Gregory stated that she did not receive any e-mail questions regarding Amendment #7. Amendment #7 has four (4) projects being added. One (1) is getting funded from the regular Rideshare project, one (1) is an MTA project and two (2) are MDOT projects. The City of Flushing project is being deleted and two (2) projects are changing. One is changing a funding amount and the transit one is getting suspended for now. The City of Fenton project does not have to be an amendment because the amount is decreasing so it can be an Administrative Modification. At this time staff is recommending endorsement of the FY 2020-2023 Transportation Improvement Program (TIP) Amendment #7 from the Technical Advisory Committee to the Genesee County Metropolitan Alliance.

Discussion ensued regarding the City of Fenton project and what is going to happen to the ACT 51 dollars for the rest of this year and next year.

Motion: Action: Approve, **moved by** Robert Johnson, **supported by** Eric Johnston, to recommend endorsement of the FY 2020-2023 Transportation Improvement Program (TIP) Amendment #7 to the Genesee County Metropolitan Alliance.

Motion carried unanimously.

IV. **Adjournment**

Chairperson Markland adjourned the meeting at 1:44 p.m.

Respectfully submitted,
Debby Compton, Secretary
Genesee County Metropolitan Planning Commission

TECHNICAL ADVISORY COMMITTEE MEETING
Thursday, June 4, 2020, 1:30 p.m.

MINUTES

The Technical Advisory Committee met at 1:30 p.m. on Thursday, June 4, 2020 via a Zoom Conference Call due to the closure of the Genesee County Administration Building in response to the COVID-19 pandemic.

I. Call to Order

Vice-Chair Johnston called the meeting to order at 1:36 p.m.

II. Roll Call

Present: Alex Patsy, Amber Abbey, Andrea Schroeder, Derek Bradshaw, Don Mayle, Eric Johnston, Jay Reithel, Lane Masoud, Mark Adas, Mary Ann Price, Shawnice Dorsey, and Trevor Block.

Absent/Excused: Aaron Dawson, Adam Zettel, Andy Harris, Betty Wideman, Bonnie Mathis, Brian Saad, Chad Young, Chris Yeates, Craig Williams, Curtis Armstrong, Dave Miller, David Dorr, Ed Benning, Ellen Glass, Emily Alexander, Eric Weiderhold, Fred Peivandi, Frederick Thorsby, Gary Stevens, Joseph Madore, Joseph Rizk, Karyn Miller, Larry Green, Lynn Markland, Mark Emmendorfer, Michael Pifer, Neil Rankin, Paul Fortino, Robert Johnson, Sam Stiff, Scott Bennett, Sheri Wilkerson, Steven Furh, Steve Katenhus, Teresa Onica, Thomas Spillane, Tim Elkins, Vicki Fishell, and Wendy Jean-Buhrer.

Others Present: Jason Nordberg, Sharon Gregory, Jacob Maurer, Zachary Sompels, and Debby Compton.

III. Minutes

*****A. Minutes of the May 7, 2020 Regular Meeting**

Motion: Action: Approve, **moved by** Andrea Schroeder, **supported by** Jay Reithel, to approve the minutes of the May 7, 2020 regular meeting as presented.

Motion carried unanimously

Vote: Motion passed (**summary:** Yes=12, No=0).

IV. Old Business

A. Roundabout Implementation Study for Genesee County Intersections Update

Sharon Gregory advised that staff received three (3) proposals. Staff interviewed the three (3) firms and the top scoring firm has been identified. Contract negotiations have begun, and staff is hopeful to have a signed contract in the next couple of months. Rowe Engineering, Spalding DeDecker, and DLZ were the three (3) firms that submitted a proposal.

V. New Business

***A. MDOT FY 2022 Call for Safety Projects

Zachary Sompels advised that MDOT has released their 2022 Call for Safety Projects. Applications are due to MDOT by Wednesday, July 1, 2020. Staff is asking that local road agencies e-mail a copy of their application(s) to the GCMPC office by Wednesday, June 24th so staff has time to review and endorse the applications. Applications will be ranked using the MDOT Time-of-Return Analysis. July and August meetings are typically cancelled so staff is requesting that the Technical Advisory Committee provide a recommendation to the Metropolitan Alliance that the FY 2022 Safety projects be reviewed and endorsed by the Genesee County Metropolitan Planning Commission staff. Discussion ensued.

Motion: Action: Approve, **moved by** Mark Adas, **supported by** Mary Ann Price, to recommend to the Genesee County Metropolitan Alliance that the FY 2022 Safety Projects be reviewed and endorsed by the Genesee County Metropolitan Planning Commission staff.

Motion carried unanimously

Vote: Motion passed (**summary:** Yes=12, No=0).

***B. FY 2020-2023 Transportation Improvement Program (TIP) Amendment #9

Sharon Gregory stated that this amendment changes two (2) projects. The MTA will be purchasing vans instead of a bus and the Genesee County Road Commission will be using available funding for the Perry Road Trail. This amendment meets the financial constraints of the TIP and will have no disproportionately high or adverse impacts to any of the identified Environmental Justice (EJ) populations in Genesee County. At this time, staff is requesting the Technical Advisory Committee recommend endorsement of the FY 2020-2023 Transportation Improvement Program (TIP) Amendment #9 to the Genesee County Metropolitan Alliance.

Motion: Action: Approve, **moved by** Mary Ann Price, **supported by** Mark Adas, to recommend endorsement of the FY 2020-2023 Transportation Improvement Program (TIP) Amendment #9 to the Genesee County Metropolitan Alliance.

Motion carried unanimously

Vote: Motion passed (**summary:** Yes=12, No=0).

***C. Air Quality Resolution with Expanded Verbiage

Sharon Gregory stated that during May the Genesee: Our County, Our Future plan, which serves as the 2045 Long Range Transportation Plan, was approved by both the Technical Advisory Committee and the Metropolitan Alliance. Part of the plan was the air quality report, and the resolution attached to the plan included air quality language. MDOT has now indicated that an additional resolution is needed with expanded air quality verbiage. The additional language contains air quality background information, is more precise, and states that the Metropolitan Alliance accepts the conclusions of the report. At this time, staff is recommending endorsement from the Technical Advisory Committee to the Genesee County Metropolitan Alliance of the attached air quality resolution approving the Transportation conformity Determination Report

for the 1997 Ozone NAAQS for the Flint Orphan Maintenance Area and the authority for the Chairperson, Robert Johnson, to sign the agreement.

Motion: Action: Approve, **moved by** Andrea Schroeder, **supported by** Mary Ann Price, to recommend endorsement of the attached Air Quality Resolution with Expanded Verbiage and the authority for the Chairperson, Robert Johnson, to sign the agreement to the Genesee County Metropolitan Alliance.

Motion carried unanimously

Vote: Motion passed (**summary:** Yes=12, No=0).

VI. Other Business

*****A. Election of Officers**

Jason Nordberg advised the committee that due to the COVID-19 pandemic, instead of having an in-person meeting before this meeting, an e-mail was sent to the Genesee County Road Commission, the City of Flint, the City of Burton, and the Mass Transportation Authority to discuss the upcoming election of officers for 2020-2021. The members that everyone proposed for the 2020-2021 election of officers would be as follows: Chairperson, (GCRC) Eric Johnston; Vice Chairperson, (Large Cities) Mark Adas; Secretary, (MTA) Ed Benning; and Bye (Small cities/Villages) Lynn Markland.

Motion: Action: Approve, **moved by** Andrea Schroeder, **supported by** Mary Ann Price, to approve the 2020-2021 election of officers as proposed.

Motion carried unanimously

Vote: Motion passed (**summary:** Yes=12, No=0).

VII. Announcements

There was a brief discussion on the potential cancellation of Asset Management PASER Data Collection.

There was a brief discussion on traffic counts. Due to the COVID-19 pandemic traffic is so low right now that the traffic counts have been put on hold at this time.

Derek Bradshaw announced that staff has begun work on the Hazard Mitigation Plan.

The Road Commission announced that the Dort Highway project is moving forward.

VIII. Adjournment

Vice-Chair Johnston adjourned the meeting at 2:12 p.m.

Respectfully submitted,
Debby Compton, Secretary
Genesee County Metropolitan Planning Commission

TECHNICAL ADVISORY COMMITTEE MEETING
Thursday, August 6, 2020, 1:30 p.m.

MINUTES

The Technical Advisory Committee met at 1:30 p.m. on Thursday, August 6, 2020, via a Zoom Conference call due to COVID-19 concerns.

I. Call to Order

Chairperson Johnston called the meeting to order at 1:34 p.m.

II. Roll Call

Present: Alex Patsy, Andrea Schroeder, Amber Abbey, Don Mayle, Ellen Glass, Eric Johnston, Larry Green, Lynn Markland, Mark Adas, Michael Pifer, Robert Johnson, Shawnice Dorsey, Trevor Block, and Wendy Jean-Buhrer.

Absent/Excused: Aaron Dawson, Adam Zettel, Andy Harris, Betty Wideman, Bonnie Mathis, Brian Saad, Chad Young, Chris Yeates, Clarence Goodlein, Craig Williams, Curtis Armstrong, Dave Miller, David Dorr, Derek Bradshaw, Ed Benning, Emily Alexander, Eric Weiderhold, Frederick Thorsby, Gary Stevens, Jay Reithel, Joseph Madore, Joseph Rizk, Karyn Miller, Mark Emmendorfer, Mary Ann Price, Neil Rankin, Paul Fortino, Sam Stiff, Scott Bennett, Sheri Wilkerson, Steven Furh, Steve Katenhus, Teresa Onica, Thomas Spillane, Tim Elkins, and Vicki Fishell.

Others Present: Max Gierman, Jason Nordberg, Sharon Gregory, and Debby Compton.

III. Minutes

None

IV. Old Business

None

V. New Business

*****A. FY 2020-2023 Transportation Improvement Program (TIP) Amendment #10**

Sharon Gregory stated that staff sent out a revised amendment this morning. This amendment changes three (3) projects and adds one (1) project. The three projects being changed are all MDOT projects. Two are a change in cost and one is a change in the year. The project being added is a transit project that will improve coordination and increase access to highly responsive, on-demand non-emergency medical transportation. At this time, staff is recommending endorsement of FY 2020-2023 Transportation Improvement Program (TIP) Amendment #10 from the Technical Advisory Committee to the Genesee County Metropolitan Alliance. Discussion ensued.

Motion: Action: Approve, **Moved by** Robert Johnson, **Supported by** Michael Pifer, to recommend endorsement of the FY 2020-2023 Transportation Improvement Program (TIP) Amendment #10 to the Genesee County Metropolitan Alliance.

Motion carried unanimously.

VI. Other Business

None

VII. Announcements

It was announced that there would be a Household Hazardous Waste event on Tuesday, August 18th at Mott Community College from 2:00 p.m. to 6:00 p.m. The only advertising that will be done for the Tuesday events is through social media and the www.gcmnpc.org website.

Don Mayle introduced Max Gierman, the new program manager, for the Flint MPO. Mr. Gierman will take over for Mr. Mayle.

The Planning Commission has moved to a new location within the Genesee County Administration Building. Staff is now located on the first floor in Room #111. The conference room on the second floor will continue to be used for the Technical Advisory Committee (TAC) meetings.

Safety applications were endorsed by staff and sent to MDOT and will be discussed at the next meeting.

Chairperson Johnston announced the next meeting will be held on September 3, 2020 at 1:30 p.m. At this time we will wait and see if it will be an in-person meeting.

VIII. Adjournment

Chairperson Johnston adjourned the meeting at 1:46 p.m.

Respectfully submitted,
Debby Compton, Secretary
Genesee County Metropolitan Planning Commission

MEMORANDUM

TO: Members of the Technical Advisory Committee

FROM: Sharon Gregory, Lead Planner
Genesee County Metropolitan Planning Commission

DATE: October 1, 2020

**SUBJECT: FY 2020-2023 Transportation Improvement Program (TIP)
Amendment # 11**

Attached is the description of proposed projects in the FY 2020-2023 TIP Amendment # 11. This amendment changes one (1) project and adds two (2) projects to the FY 2020-2023 TIP.

This amendment meets the financial constraints of the TIP and will have no disproportionately high or adverse impacts to any of the identified Environmental Justice (EJ) populations in Genesee County. The projects that are being amended are eligible for the funding programmed, and they meet the intended state (including State TEDF Category C) and federal goals and objectives identified for the funding.

The assumptions asserted in the conformity document for the FY 2020-2023 TIP for which this amendment is being made are maintained for transportation control measures (TCM), fiscal constraint, and public involvement. Thus, this amendment also meets the Clean Air Act and Transportation Conformity rules required for the 1997 ozone National Ambient Air Quality Standards (NAAQS). See attached.

At this time, staff is recommending endorsement of attached Amendment # 11 to the FY 2020-2023 Transportation Improvement Program from the Technical Advisory Committee to the Genesee County Metropolitan Alliance.

**FY 2020-2023 Transportation Improvement Program
Proposed Amendment # 11**

Project Proposed to be Changed with a TIP Amendment

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2023	207708	City of Fenton	Silver Lake Rd.	1.9	Silver Lake Rd. connector trail from Jennings Rd. to E. Broad St.	Non-motorized path	CON	TA and TAU	\$441,509 \$1,538,253	\$0	\$97,903 \$700,932	\$539,412 \$2,239,185	Project received MDOT award of \$1,096,744 in federal Transportation Alternatives Program (TAP) funds. The local match of \$700,932 consists of \$300,000 from the Michigan Natural Resources Trust Fund and \$400,932 from the City of Fenton.

Projects Proposed to be Added with a TIP Amendment

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2021	211142	MDOT	Regionwide Pavement Marking	3.2	I-75 N and I-69 W	Durable Pavement Marking Placement	PE	HSIP	\$1,539	\$171	\$0	\$1,710	New project being added
2021	211142	MDOT	Regionwide Pavement Marking	3.2	I-75 N and I-69 W	Durable Pavement Marking Placement	CON	HSIP	\$123,120	\$13,680	\$0	\$136,800	New project being added

HSIP--Highway Safety Improvement Program - SAFETEA-LU

TA--Transportation Alternatives Program Flex

TAU--Transportation Alternatives Urban Areas > 200K Population

Genesee County Metropolitan Planning Commission (GCMPC)

Amendment # 11

For

the FY 2020-2023 Transportation Improvement Program (TIP)

in a

1997 Ozone NAAQS Limited Orphan Maintenance Area

Air Quality Conformity

Transportation conformity provisions of the Clean Air Act Amendments (CAAA) require Metropolitan Planning Organizations (MPOs) in nonattainment and maintenance areas to make a determination that the Long Range Transportation Plan (LRTP) and Transportation Improvement Program (TIP), conform to the State Implementation Plan (SIP), and that regional emissions will not negatively impact the region's ability to meet the National Ambient Air Quality Standards (NAAQS).

Conformity to the SIP means that the region's LRTPs and TIPs 1) will not cause any new violations of the NAAQS; 2) will not increase the frequency or severity of existing violation; and 3) will not delay attaining the NAAQS.

This amendment is in a Limited Orphan Maintenance Area (LOMA) for the 1997 ozone NAAQS. The emission budget is unconstrained for limited maintenance areas (LMA). Orphan maintenance areas do not require regional emission analysis. The assumptions asserted in the conformity document for the FY 2020-2023 TIP for which this amendment is being made are maintained for transportation control measures (TCM), fiscal constraint, and public involvement. Thus, this amendment also meets the Clean Air Act and Transportation Conformity rules required for the 1997 ozone NAAQS.

MEMORANDUM

TO: Members of the Technical Advisory Committee

FROM: Zachary Sompels, Planner
Genesee County Metropolitan Planning Commission

DATE: October 1, 2020

SUBJECT: FY 2022 Safety and High Risk Rural Road Projects

During the month of May, the Michigan Department of Transportation (MDOT) released a Call for Safety Projects and a Call for High Risk Rural Road (HRRR) Projects to all local road agencies for the 2022 fiscal year. Applications were due to MDOT by July 1, 2020. Staff requested that copies of applications for safety projects be sent to our office for prioritization and support. The Metropolitan Alliance provided staff authority to submit this prioritized list to MDOT, due to the submittal deadline being prior to the September meeting of the Metropolitan Alliance.

Staff received twelve (12) local safety program applications which were reviewed according to MDOT Time-of-Return (TOR) Analysis and appear as a prioritized list below.

Projects received for the FY 2022 Safety Program:

	Agency	Project Location	Project Description	TOR	Total Cost
1	GCRC	Systemic Case Signs	Installation of overhead case signs identifying left turns across the county	N/A	\$42,850
2	GCRC	Systemic Solar Beacons	Installation of three ground mounted solar beacons across the county	N/A	\$92,000
3	GCRC	Lake and Webster	The addition of ground mounted solar beacons to help identifying signing	0.65	\$22,930

4	GCRC	River and Beecher Road	Adding high friction surfacing, pavement widening and signage within and around intersection	3.15	\$200,000
5	GCRC	Saginaw and Baldwin	Installation of box-spanned signals and reflectorized backplates	4.89	\$150,000
6	GCRC	Silver Lake and Duffield Road	Lane widening with rumble strips along with resurfacing and curb and gutter	5.32	\$600,000
7	GCRC	Lapeer Road (Gale East 2200 ft)	Construction of a continuous center turn lane	6.27	\$790,000
8	GCRC	Graham and Court Street	Installation of box-spanning signal and reflectorized backplates	6.35	\$150,000
9	GCRC	Seymour Road (Lake & Farrand)	Adding high friction surfacing, pavement widening, and pavement rehabilitation	6.44	\$250,000
10	GCRC	Irish and Davison Road	Installation of box-spanned signals with reflectorized backplates	9.86	\$150,000
11	GCRC	Saginaw and McCandlish Road	Installation of box-spanned signals with reflectorized backplates	13.54	\$150,000
12	GCRC	Grand Blanc and Torrey Road	Installation of center turn lane at all legs, resurfacing, and signals and backplates	17.21	\$350,000

At this time, staff is requesting that the Technical Advisory Committee provide a recommendation of approval to the Metropolitan Alliance for the prioritized list of FY 2022 Safety Projects for MDOT consideration.

MEMORANDUM

TO: Members of the Technical Advisory Committee

FROM: Zachary Sompels, Planner
Genesee County Metropolitan Planning Commission

DATE: October 1, 2020

SUBJECT: Asset Management Readiness Scale Update

The Genesee-Lapeer-Shiawassee Region V Planning and Development Commission (Region V), partnered with the Michigan Infrastructure Council (MIC) has released the Asset Management Readiness Assessment Scale. Known simply as “The Scale,” this tool is intended to help infrastructure (wastewater, drinking water, and/or stormwater) owners understand, measure, and advance their asset management proficiency.

Region V is offering a \$1,000 grant opportunity, to eligible agencies, to properly fill out “The Scale”. While some agencies have already completed it, others are still working on it, and some have denied it, there are still agencies who have not yet responded.

Staff is available to answer questions and provide technical assistance to agencies within Genesee County as well as the seven county I-69 Thumb Region. Please feel free to contact either Jacob Maurer or Zachary Sompels at 810.257.3010 with any questions.

Agencies within Genesee County eligible for this grant opportunity

BEECHER METROPOLITAN DISTRICT
BURTON, CITY OF
CLIO, CITY OF
DAVISON, CITY OF
DAVISON TOWNSHIP
FENTON, CITY OF
FENTON TOWNSHIP
FLINT TOWNSHIP
FLINT, CITY OF
FLUSHING, CITY OF
GENESEE COUNTY WATER SYSTEM
GENESEE COUNTY DRAIN COMMISSIONER
GENESEE TOWNSHIP
GRAND BLANC, CITY OF
GRAND BLANC TOWNSHIP
LINDEN, CITY OF
MONTROSE, CITY OF
MOUNT MORRIS, CITY OF
SWARTZ CREEK, CITY OF



GCMPC
GENESEE COUNTY METROPOLITAN
PLANNING COMMISSION



ROWE PROFESSIONAL
SERVICES COMPANY

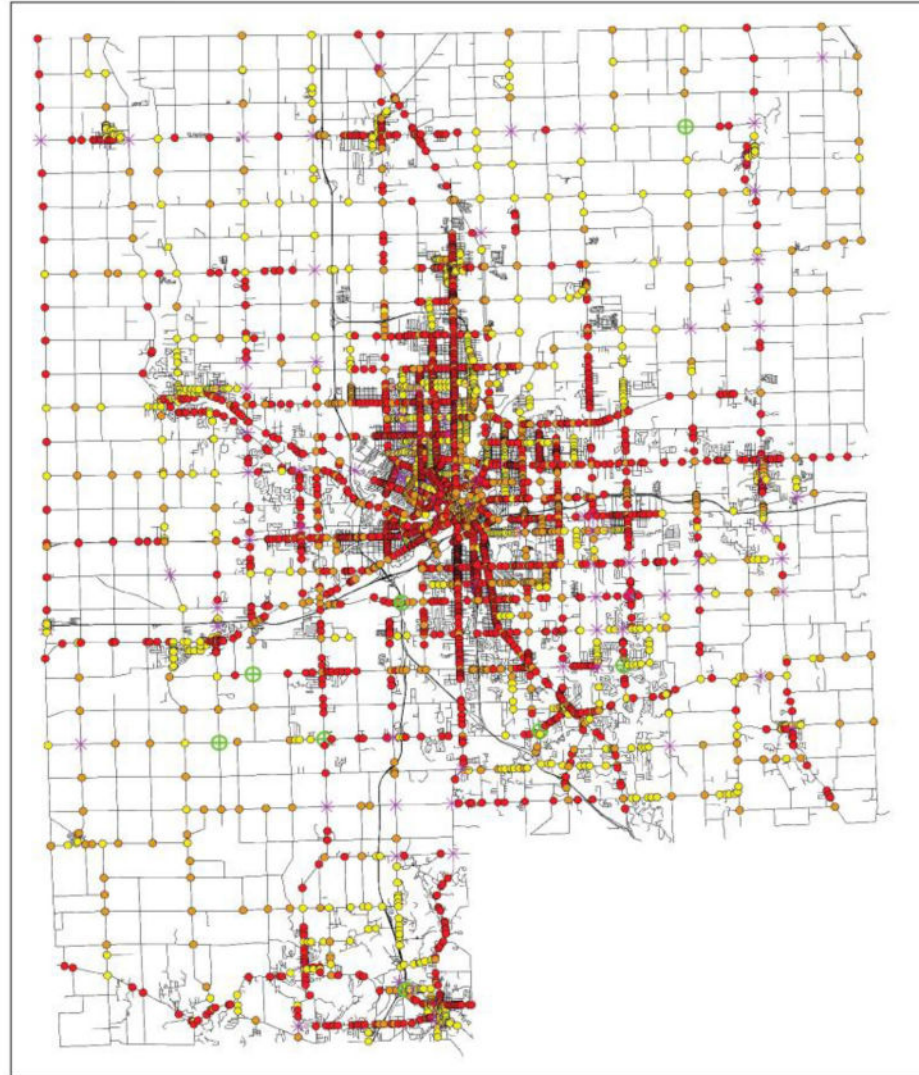
Large-Firm Resources. Personal Attention.

fishbeck

TECHNICAL ADVISORY COMMITTEE (TAC)
ROUNDBOUT IMPLEMENTATION STUDY

PROPOSED SCHEDULE

	TASKS	DATE											
		SEPT 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUNE 21	JULY 21	AUG 21
MILESTONE 1	Skim Analysis	■	■										
MILESTONE 2	Secondary Analysis			■									
	Review with Stakeholders			■	■								
MILESTONE 3	Collect Traffic Data				■	■							
	Early Preliminary Engineering					■	■	■					
	Review with Stakeholders							■	■				
MILESTONE 4	Collect aerial drone videos								■				
MILESTONE 5	Prepare GIS files								■	■			
	Prepare Draft Study/Review									■			
	Stakeholder Review										■		
	Complete Final Report											■	



Legend

— Roads

Skim Analysis Results

-  Planned Roundabouts
-  Tier 1
-  Tier 2
-  Tier 3
-  Tier 4

MILESTONE 1 SKIM ANALYSIS

INITIAL SCREENING CRITERIA

- Federal-aid intersection
- No local road and major road intersecting*
- Not located within 500 feet of a railroad*
- No gravel road at intersection
- Not located on a signal-timed corridor*
- Under 25,000 Annual Daily Traffic (ADT)*
- Less than four lane roads at intersection*
- More than five angle crashes within five years, at least one fatality, or at least one severe injury crash*

ADDITIONAL SCREENING CRITERIA

- Other plans or funding initiatives

* *Criteria to be revisited*

	TASKS	DATE												
		SEPT 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUNE 21	JULY 21	AUG 21	
MILESTONE 1	Skim Analysis	■	■											
MILESTONE 2	Secondary Analysis			■										
	Review with Stakeholders			■	■									
MILESTONE 3	Collect Traffic Data				■	■								
	Early Preliminary Engineering					■	■	■						
MILESTONE 4	Review with Stakeholders							■	■					
	Collect aerial drone videos								■					
MILESTONE 5	Prepare GIS files								■	■				
	Prepare Draft Study/Review									■				
	Stakeholder Review										■			
	Complete Final Report												■	

MILESTONE 2 SECONDARY ANALYSIS

Approximately 150 to 180 Intersections

- Prioritized list to maximize safety and operations
- Considered GCMPC high-crash intersection locations

SITE CONSIDERATIONS AFFECTING FEASIBILITY

- Right-of-way constraints
- Wetlands or other sensitive environmental features, such as cemeteries or recreation areas
- Major utility facilities
- Vertical alignment, steep grades, or limited sight distance
- Driveways and adjacent property access
- Adjacent bridge structures

OTHER CONSIDERATIONS

- Cost (planning level)

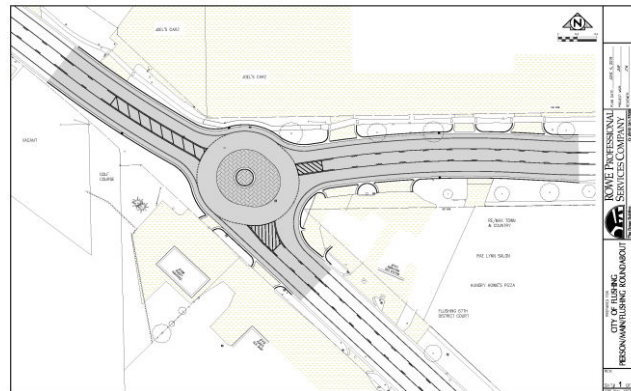
	TASKS	DATE												
		SEPT 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUNE 21	JULY 21	AUG 21	
MILESTONE 1	Skim Analysis	■	■											
MILESTONE 2	Secondary Analysis			■										
	Review with Stakeholders			■	■									
MILESTONE 3	Collect Traffic Data				■	■								
	Early Preliminary Engineering					■	■	■						
	Review with Stakeholders							■	■					
MILESTONE 4	Collect aerial drone videos								■					
MILESTONE 5	Prepare GIS files								■	■				
	Prepare Draft Study/Review									■				
	Stakeholder Review										■			
	Complete Final Report												■	

MILESTONE 3

EARLY PRELIMINARY ENGINEERING

Approximately 10 to 13 Intersections

- Traffic Data Collection
- Basic Geometric Layout (including compact urban, mini, multi-lane)
- Modeling operations
- Create simulation of operations
- Time of Return (Safety Fund Apps)



	TASKS	DATE												
		SEPT 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUNE 21	JULY 21	AUG 21	
MILESTONE 1	Skim Analysis	█	█											
MILESTONE 2	Secondary Analysis			█										
	Review with Stakeholders			█	█									
MILESTONE 3	Collect Traffic Data				█	█								
	Early Preliminary Engineering					█	█	█						
MILESTONE 4	Review with Stakeholders							█	█					
	Collect aerial drone videos								█					
MILESTONE 5	Prepare GIS files								█	█				
	Prepare Draft Study/Review									█				
	Stakeholder Review										█			
	Complete Final Report											█		

BEFORE



AFTER



MILESTONE 4 DRONE VIDEOS

- Conduct site visit to determine best set up
- Obtain permits, if necessary
- Schedule days/times, with backup days/times (for weather, etc.)
- Process data and correlate with simulations



TASKS	DATE												
	SEPT 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUNE 21	JULY 21	AUG 21	
MILESTONE 1	Skim Analysis												
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MILESTONE 4	Collect aerial drone videos												
MILESTONE 5	Prepare GIS files												
	Prepare Draft Study/Review												
	Stakeholder Review												
	Complete Final Report												

MILESTONE 5 FINAL REPORT

- Compile data and analysis from each of the four milestones
- Format and import data for GIS use
- Incorporate input from stakeholders
- Provide report or excerpts german to stakeholders in suitable format for web content



	TASKS	DATE												
		SEPT 20	OCT 20	NOV 20	DEC 20	JAN 21	FEB 21	MAR 21	APR 21	MAY 21	JUNE 21	JULY 21	AUG 21	
MILESTONE 1	Skim Analysis	█	█											
MILESTONE 2	Secondary Analysis			█										
	Review with Stakeholders			█	█									
MILESTONE 3	Collect Traffic Data				█	█								
	Early Preliminary Engineering					█	█	█						
	Review with Stakeholders							█	█					
MILESTONE 4	Collect aerial drone videos								█					
MILESTONE 5	Prepare GIS files								█	█				
	Prepare Draft Study/Review									█				
	Stakeholder Review										█			
	Complete Final Report												█	

THANK YOU



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SERVICES COMPANY

Large-Firm Resources. Personal Attention.

