

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

**Genesee County Administration Building
GCMPC Conference Room
1101 Beach Street, 2nd Floor
Flint, Michigan 48502**

**Thursday, January 9, 2020
1:30 P.M.**

A-G-E-N-D-A

- I. Call to Order
- II. Roll Call
- III. Minutes
 - ***A. Minutes of the November 7, 2019 Regular Meeting (attached)
- IV. Old Business
 - A. Roundabout Implementation Study for Genesee County Intersections Update
- V. New Business
 - A. Genesee: Our County, Our Future draft plan (attached)
 - ***B. 2040 Long Range Transportation Plan (LRTP) Re-affirmation (attached)
 - C. 2020 Michigan Transportation Asset Management Council PASER Training (attached)
 - D. FY 2019 Listing of Obligated Projects (attached)
 - ***E. FY 2020-2023 Transportation Improvement Program (TIP) Amendment #4 (attached)
 - F. Draft Genesee County ORV Ordinance (presentation)
- VI. Other Business
- VII. Announcements
- VIII. Adjournment

***** Action Item**

NEXT MEETING – February 6, 2020 at 1:30 P.M.

**TECHNICAL ADVISORY COMMITTEE MEETING
MINUTES
November 7, 2019**

The Technical Advisory Committee met at 1:30 p.m. on Thursday, November 7, 2019, 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 1:33 p.m.

II. **Roll Call**

Present: Andrea Schroeder, Bob Slattery, Brad Barrett, Ellen Glass, Eric Johnston, Jay Reithel, Larry Green, Lynn Markland, Mark Adas, Michael Pifer, Robert Johnson, Shawnice Dorsey, and Tim Elkins.

Absent/Excused: Aaron Dawson, Adam Zettel, Alex Patsy, Betty Wideman, Bonnie Mathis, Brian Saad, Chad Young, Chris Gehringer, 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, Joseph Madore, Joseph Rizk, Karyn Miller, Mark Emmendorfer, Mary Ann Price, Neil Rankin, Paul Fortino, Sam Stiff, Scott Bennett, Sheri Wilkerson, Steven Furh, Steven Katenhus, Teresa Onica, Tom Svrcek, Trevor Block, Vicki Fishell, and Wendy Jean-Buhrer.

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

III. **Minutes** 

***A. **Minutes of the September 5, 2019 Regular Meeting**

Motion: Action: Approve, **moved by** Andrea Schroeder, **supported by** Larry Green, to approve the minutes of the September 5, 2019 regular meeting as presented.

Motion carried unanimously.

***B. **Minutes of the October 3, 2019 Regular Meeting**

Motion: Action: Approve, **moved by** Andrea Schroeder, **supported by** Brad Barrett, to approve the minutes of the October 3, 2019 regular meeting as presented.

Motion carried unanimously.

Jason Nordberg advised the committee that after the last meeting staff investigated why no one received Debby's TAC agenda email. Due to the County getting hacked, the company that hosts the email system put Debby on a no email list because she sends frequent emails to a high volume of people. So for several weeks her emails were not going out and GCMPC staff were not aware of it until after the last meeting. Debby is now set up to send high volume emails through a third party so they will look a little different, but committee members should be receiving her emails now.

IV. **Old Business** 

A. **Roundabout Implementation Study for Genesee County Intersections Update**

Jason Nordberg advised that the Roundabout Implementation Study contract was signed and sent to MDOT. The contract was rejected by MDOT and was sent back to GCMPC to rebid. MDOT is requiring an independent cost estimates before sending out the RFP and removal of the requirement for hours to be a part of the consultants proposal. Staff will work with MDOT before sending the RFP out to bid again. This will add in an additional three (3) months to get a contract signed. Discussion ensued.

***B. **2020 Safety Performance Measure Targets** 

Sharon Gregory reviewed the performance measure targets with the committee. Staff has talked with MDOT and other MPOs and based on those conversations staff is requesting the Technical Advisory Committee to provide a recommendation of approval to the Genesee County Metropolitan Alliance to adopt the statewide safety targets for 2019. Discussion ensued.

Motion: Action: Approve, **moved by** Robert Johnson, **supported by** Bob Slattery, to recommend approval to the Genesee County Metropolitan Alliance to adopt the statewide safety targets for 2019.

Motion carried unanimously.

V. **New Business** 

***A. **FY 2020-2023 Transportation Improvement Program (TIP) Amendment #3**

Sharon Gregory advised that this amendment changes five (5) projects. Three (3) are MDOT projects, one (1) is an MTA project and one (1) is a Small Urban project for the Village of Goodrich. 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. This amendment meets the Clean Air Act and Transportation Conformity rules required for the 1997 ozone National Ambient Air Quality Standards. Staff is recommending endorsement of Amendment #3 to the FY 2020-2023 Transportation Improvement Program (TIP) from the Technical Advisory Committee to the Genesee County Metropolitan Alliance. Discussion ensued.

Motion: Action: Approve, **moved by** Robert Johnson, **supported by** Larry Green, to recommend endorsement to the Genesee County Metropolitan Alliance for the FY 2020-2023 Transportation Improvement Program (TIP) Amendment #3.

Motion carried unanimously.

***B. **2020 Meeting Dates** 

Motion: Action: approve, **moved by** Andrea Schroeder, **supported by** Ellen Glass, to approve the 2020 Meeting Dates.

Motion carried unanimously.

C. **Infrastructure Asset Management Update** 

Sharon Gregory stated that on Friday, October 18th the Infrastructure Asset Management Fall Summit was held at the Lapeer Country Club. It was a great turnout with about fifty (50) attendees and a lot of great discussions and sharing of information. Staff wants to point out that there is a list of agencies that will need to fill out the new asset management plan within the next three (3) years. The Michigan Infrastructure Council (MIC) will be contacting these agencies to get them started on the new water asset management plan. Jacob Maurer and Zachary Sompels will be able to do some technical assistance with these new plans. Discussion ensued.

VI. **Other Business** 
None

VII. **Announcements** 

Bob Slattery announced that Patricia Lockwood's husband passed away on November 5th. She is a Metropolitan Alliance Committee member.

Bob Slattery announced that Richard Abrams, former Swartz Creek mayor, passed away on November 3rd.

VIII. **Adjournment** 

Chairperson Markland adjourned the meeting at 1:59 p.m.

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

MEMORANDUM

TO: Members of the Technical Advisory Committee

FROM: Jacob Maurer, Lead Planner
Genesee County Metropolitan Planning Commission

DATE: January 9, 2020

SUBJECT: Genesee: Our County, Our Future draft plan

The Genesee County Metropolitan Planning Commission has been working on the development of a County-wide planning document, *Genesee: Our County, Our Future* over the last 20 months. The plan focuses on areas including transportation, community development, environment, and land use. Staff is proud to present the draft document for your review and comment at this time. Please see the links below to the plan's five chapters:

<http://gcmipc.org/wp-content/uploads/2019/11/Chapter-1.pdf>

<http://gcmipc.org/wp-content/uploads/2019/11/Chapter-2.pdf>

<http://gcmipc.org/wp-content/uploads/2019/11/Chapter-3.pdf>

<http://gcmipc.org/wp-content/uploads/2019/11/Chapter-4.pdf>

<http://gcmipc.org/wp-content/uploads/2019/11/Chapter-5.pdf>

Data reports that provide technical detail on various plan topics can be viewed at <http://ourfuturegenesee.org/the-plan/>

Please send all comments, questions, and/or concerns to staff at gcmipc@co.genesee.mi.us no later than Friday, January 17, 2020. Staff will review and consider all comments received.

MEMORANDUM

TO: Members of the Technical Advisory Committee

FROM: Jason Nordberg, Division Manager
Genesee County Metropolitan Planning Commission

DATE: January 9, 2020

SUBJECT: 2040 Long Range Transportation Plan (LRTP) Reaffirmation

The current Genesee County 2040 Long Range Transportation Plan (LRTP) will expire on January 21, 2020. Genesee County must reaffirm the 2040 LRTP to assure there is a valid LRTP in place at all times. Staff has reviewed the 2040 LRTP and found that the analysis and recommendations of the plan are still valid and applicable for our county at this time. The reaffirmation of the 2040 LRTP will be in effect until July 31, 2020, when staff anticipates the 2045 LRTP will be approved.

At this time, staff is requesting that the Technical Advisory Committee (TAC) recommend approval to the Metropolitan Alliance to reaffirm the 2040 LRTP through July 31, 2020.

MEMORANDUM

TO: Members of the Technical Advisory Committee

FROM: Zachary Sompels, Planner
Genesee County Metropolitan Planning Commission

DATE: January 9, 2020

**SUBJECT: 2020 Michigan Transportation Asset Management Council
PASER Training**

The Michigan Transportation Asset Management Council (TAMC) has announced their annual PASER Program (flyer attached) training dates and locations. Staff will be attending the February 25, 2020 session with additional training days available on February 26, 27, March 24, 25, 26, April 7, 8, 9, and 15 at various locations. Through this program, the pavement condition of all federal aid roads in the State of Michigan are surveyed using the PASER Road Rating System.

In 2020, GCMPC staff will be working with MDOT and local road agencies (LRA) in Genesee County to survey the federal-aid and local roads within the county. LRA's will need to attend PASER training if they plan to participate in the 2020 survey and would like to be reimbursed for their time.

Should you have any questions regarding these training sessions, please feel free to contact me at ZSompels@co.genesee.mi.us or (810) 766-6564.

#1 2020 PASER Webinar Session (choose one)

February 12 – 1:00 p.m. – 3:30 p.m.
February 20 – 9:00 a.m. – 11:30 a.m.
March 19 – 1:00 p.m. – 3:30 p.m.
March 30 – 9:00 a.m. – 11:30 a.m.

For more information about the Pavement Surface Evaluation and Rating system, visit [Michigan TAMC](#) and/or [PASER Resources](#).

#2 2020 PASER Classroom Session (choose one)

About the classroom session:
7:30 a.m. – Sign-in begins
8:00 a.m. – 12:00 noon – Class session
1:00 p.m. – 3:00 p.m. – Certification testing (opt)*
View detailed location information [here](#).

February 25 – Saginaw
February 26 – Auburn Hills
February 27 – Okemos
March 24 – Grand Rapids
March 25 – Kalamazoo
March 26 – Dearborn
April 7 – West Branch
April 8 – Gaylord
April 9 – Escanaba
April 15 – Hancock



#3 2020 IBR™ Webinar Session (choose one)

February 11 – 1:00 - 2:30 p.m.
March 3 – 9:00 - 10:30 a.m.

For more information about the Inventory-based Rating System™, visit <https://ctt.mtu.edu/inventory-based-rating-system>.

To collect eligible Public Act 499 condition assessment data for your agency's Federal-aid-eligible roads, raters must use the Pavement Surface Evaluation and Rating (PASER) for paved roads and the Inventory-Based Rating (IBR) System™ for unpaved roads. *All three trainings are required.* Register now!

Road Condition Assessment Data

Registration**

Webinars: No fee
Classroom: \$15***

Register at ctt.mtu.edu/training
Questions? E-mail ctt@mtu.edu.

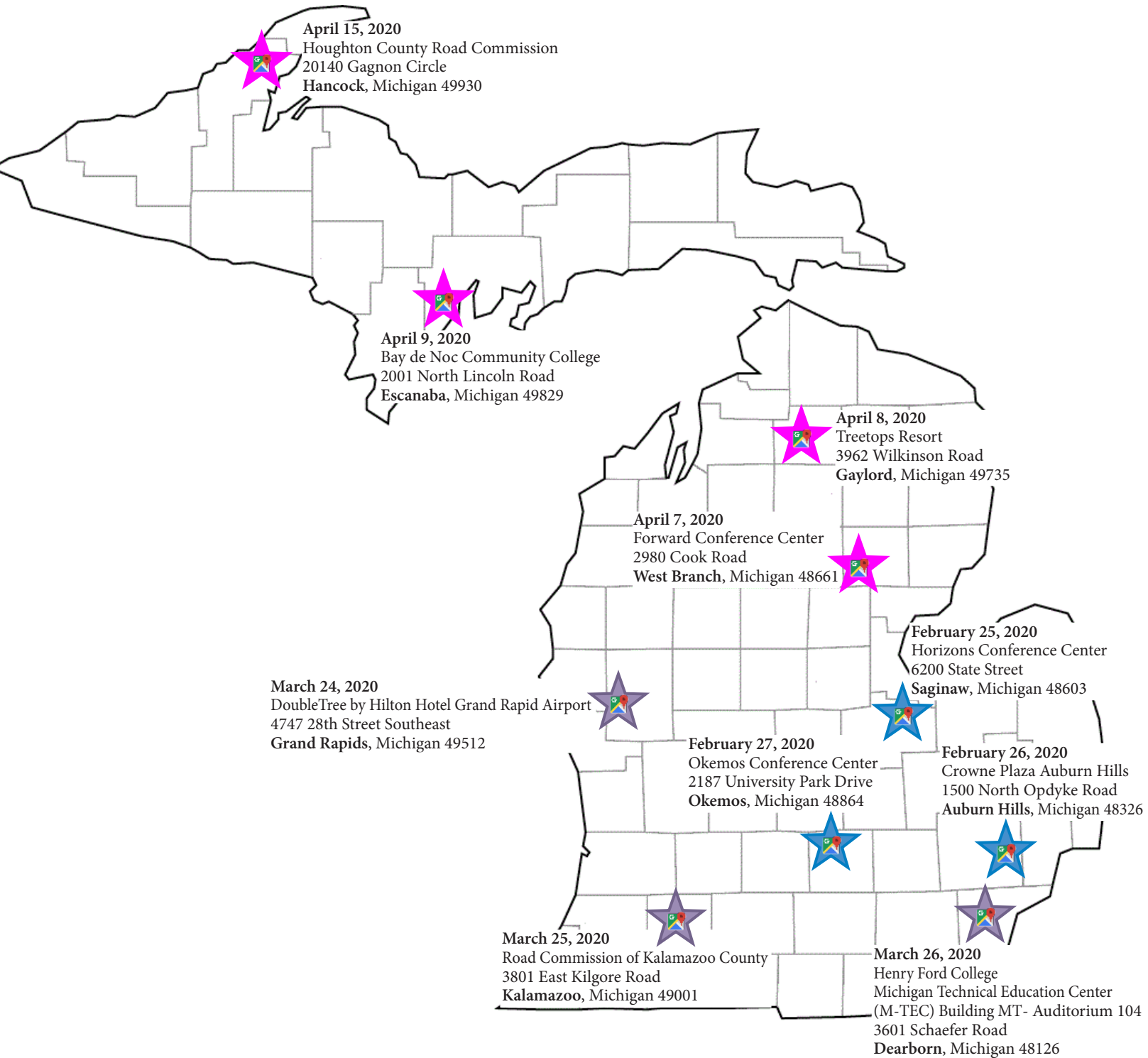
* Raters will be notified if they are eligible for certification. Certified raters are exempt from **three years** of training. See [TAMC Policy for Collection of Roadway Surface Condition Data](#) (or the 2020 [TAMC Data Collection Manual Appendix F](#)) for more detail.

** Required for fulfillment of continuing education. The Center for Technology & Training's (CTT) continuing education policy is available at ctt.mtu.edu/ContinuingEducation.

*** The registration fee, travel expenses, and staff time associated with these training sessions are reimbursable through your agency's planning organization (RPO/MPO) as part of data collection.

No-shows and cancellations within three business days of the session will be charged the full registration fee. Substitutions will be accepted.

#2 PASER Classroom Sessions



MEMORANDUM

TO: Members of the Technical Advisory Committee

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

DATE: January 9, 2020

SUBJECT: FY 2019 Listing of Obligated Projects

GCMPC is required to publish the status of TIP projects within 90 days of the end of the fiscal year. A list of the TIP projects that were obligated, let for bid, under construction, and/or completed during FY 2019 (October 1, 2018 through September 30, 2019) is attached. These projects represent a \$75.6 million dollar investment into the Genesee County transportation network, and include: \$5.1 million in Bridge Work, \$150,091 in Commuter Services, \$1.9 million in Non-Motorized Facilities, \$48.5 million in Road Restoration/Resurfacing, \$6.4 million in Safety, \$10.7 million in Transit Equipment and Services, \$432,500 in Transit Facility Improvements, and \$2.5 million in other improvements. The complete list of TIP projects is available for review on our website at www.gcmnpc.org.

Please feel free to contact me at sgregory@co.genesee.mi.us or (810) 766-6545 with any questions regarding the Annual Status Report of TIP Projects.

**Genesee County Metropolitan Alliance
Annual Status Report of the
Fiscal Year (FY) 2019 Genesee County Transportation Improvement Program (TIP)**

Federal requirements direct the Metropolitan Planning Organization (MPO) for Genesee County to publish the annual status of TIP projects. The Genesee County Metropolitan Planning Commission (GCMPC) provides staff to the Genesee County Metropolitan Alliance (the MPO for transportation planning in Genesee County). The following information is provided for Genesee County transportation projects that were obligated, let for bid, under construction, and/or completed during FY 2019 (October 1, 2018 through September 30, 2019). The projects are grouped under the type of transportation improvement performed by individual agencies and represent a \$75,621,363 investment into the Genesee County transportation network.

Bridges	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
Genesee County Road Commission	S. Linden Rd.	Over Swartz Creek	n/a	Bridge Replacement	\$0	\$0	\$0	\$1,646,923
Genesee County Road Commission	Lippincott Blvd.	Over Kearsley Creek	n/a	Bridge Replacement	\$899,200	\$699,538	\$199,662	\$874,422
Genesee County Road Commission	Carpenter Rd.	Over Flint River	n/a	Miscellaneous Bridge Rehabilitation	\$1,472,800	\$810,676	\$662,124	\$1,013,345
City of Flint	12th St. (Torrey Rd.)	Over Carman Creek	n/a	Bridge Replacement	\$785,600	\$927,770	(\$142,170)	\$1,159,713
City of Flint	Saginaw St.	Over Flint River	n/a	Bridge Miscellaneous Capital Preventive Maintenance	\$248,000	\$287,291	(\$39,291)	\$359,114

Commuter Services	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
Genesee County Metropolitan Planning Commission	Rideshare Program	Genesee and Lapeer Counties	n/a	Carpool and Vanpool Matching Service	\$112,271	\$112,271	\$0	\$112,271
MDOT	MichiVan Program	Areawide in Genesee County	n/a	MichiVan Marketing and Capital Program	\$37,820	\$37,820	\$0	\$37,820

Non-Motorized Facilities	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
Genesee County Road Commission	Flint River Trail	Vassar Rd. to Irish Rd.	1.2	Non-Motorized Trail	\$1,019,494	\$792,680	\$226,814	\$1,025,937
MDOT	Eisenhower, Brownell, Holmes, and Eagle's Nest Schools in the City of Flint	Within the Vicinity of Eisenhower, Brownell, Holmes, and Eagle's Nest Schools	n/a	Improve Pedestrian Facilities, Signage, and Signals	\$845,301	\$845,155	\$146	\$845,155

Road Restoration/Resurfacing	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
Genesee County Road Commission	Seymour Rd.	Cook Rd. to Grand Blanc Rd.	1.0	Road Restoration and Rehabilitation	\$626,291	\$729,963	(\$103,672)	\$912,454
Genesee County Road Commission	Hill Rd.	Porter Rd. to M-54 (Dort Hwy.)	0.5	Road Restoration and Rehabilitation	\$739,296	\$949,307	(\$210,011)	\$1,186,634
Genesee County Road Commission	Hill Rd.	Fenton Rd. to I-475	0.5	Road Restoration and Rehabilitation	\$782,673	\$930,128	(\$147,455)	\$1,162,660
Genesee County Road Commission	Hill Rd.	I-475 to Porter Rd.	1.0	Road Restoration and Rehabilitation	\$1,466,516	\$1,822,573	(\$356,057)	\$2,278,216
City of Burton	Saginaw St.	Bristol Rd. to Hemphill Rd.	0.5	Road Resurfacing	\$866,996	\$1,080,170	(\$213,174)	\$1,350,213
City of Fenton	North Rd.	Torrey Rd. to Oak Park Dr.	0.4	Road Restoration and Rehabilitation	\$10,000	\$10,020	(\$20)	\$1,359,101
City of Swartz Creek	Fairchild St.	Cappy Ln. to Miller Rd.	0.3	Road Restoration and Rehabilitation	\$230,601	\$284,115	(\$53,514)	\$355,143
City of Flint	Atherton Rd.	Van Slyke Rd. to M-54 (Dort Hwy.)	3.0	Road Reconstruction Including Sidewalks, Bike Lanes, Signals and Bridge (TIGER Grant)	\$9,750,000	\$10,548,064	(\$798,064)	\$17,729,402
City of Flint	Dupont St.	University Ave. to Welch Blvd. and Pasadena Ave. to Bishop Ave.	5.0	Road Reconstruction Including Road Diet (TIGER Grant)	\$9,750,000	\$11,388,034	(\$1,638,034)	\$14,235,626
City of Flint	Court St.	Crapo St. to Center Rd.	2.1	Road Resurfacing	\$6,434,035	\$7,212,738	(\$778,703)	\$7,212,738
MDOT	M-54 (Dort Hwy.)	North of Saginaw St.	n/a	Culvert Replacement	\$216,633	\$291,761	(\$75,128)	\$356,458
MDOT	Road Capital Preventive Maintenance	Various Routes throughout Genesee County	62.9	Asphalt Crack Treatment	\$25,537	\$327,809	(\$302,272)	\$400,500

Safety	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
Lake State Railway Company	E. Hill Rd.	At Lake State Railroad Crossing in Grand Blanc Township	n/a	Install Tall Mast with Flasher, Upgrade Flashers, Extend Gates	\$72,799	\$72,799	\$0	\$80,888
Genesee County Road Commission	Torrey Rd.	Crane Rd. to Lahring Rd.	0.4	Install High Friction Surface Treatment in Three Horizontal Curves	\$169,600	\$200,053	(\$30,453)	\$250,066
Genesee County Road Commission	W. Dodge Rd.	At N. Saginaw Rd.	n/a	Install Sign-Mounted Solar Powered Flashing Beacons and Upgrade Signs	\$21,240	\$22,474	(\$1,234)	\$24,971
Genesee County Road Commission	Grand Blanc Rd.	At Morrish Rd.	0.3	Roundabout Installation	\$600,000	\$743,702	(\$143,702)	\$867,652
City of Flushing	E. Main St.	Boman St. to Bellwood Dr.	0.9	Install Two Radar Speed Signs and Purchase Two Additional Portable Signs	\$13,500	\$14,739	(\$1,239)	\$16,377
City of Flushing	E. Pierson Rd.	E. Main St. to Elms Rd.	0.5	4-to-3 Lane Conversion	\$38,511	\$39,827	(\$1,316)	\$44,252
City of Flint	S. Saginaw St.	At Hemphill Rd.	0.3	Signal Modernization	\$124,000	\$129,894	(\$5,894)	\$162,368
City of Flint	N. Averill Ave.	At Davison Rd.	0.3	Signal Modernization	\$107,200	\$94,652	\$12,548	\$118,315
City of Flint	S. Averill Ave.	At Court St.	0.4	Signal Modernization	\$120,000	\$92,626	\$27,374	\$115,782
MDOT	M-54 (Dort Hwy.)	Court St. to Leith St.	1.7	Signal Modernization and Synchronization	\$814,787	\$726,798	\$87,989	\$726,798
MDOT	Bay Region Longitudinal Pavement Markings	Genesee County	4.7	Longitudinal Pavement Marking Application	\$877,075	\$2,579,283	(\$1,702,208)	\$2,865,870
MDOT	Bay Region Special Pavement Markings	Genesee County	1.7	Application of Special Pavement Markings	\$2,010	\$469,321	(\$467,311)	\$521,468
MDOT	M-57 (Vienna Rd.)	Huron and Eastern Railroad Crossing in Montrose	n/a	Reconstruct Railroad Crossing Surface	\$83,117	\$75,561	\$7,556	\$83,957
MDOT	I-69, I-75, US-23	Genesee County	145.7	Delineator Installation	\$301,500	\$438,835	(\$137,335)	\$487,594

Transit - Equipment & Services	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
MTA	Enhanced Mobility of Seniors and Disabled Persons	Genesee County	n/a	Operating Expenses	\$172,736	\$0	\$172,736	\$345,472
MTA	Computer Hardware	Genesee County	n/a	Communication Equipment	\$115,000	\$0	\$115,000	\$143,750
MTA	Computer Software	Genesee County	n/a	Computer Software, Upgrades and Licensing	\$606,164	\$519,480	\$86,684	\$757,705
MTA	Capital Maintenance Parts	Genesee County	n/a	Capital Maintenance Parts - Buses	\$824,000	\$596,894	\$227,106	\$1,030,000
MTA	Purchase Shop Equipment	Genesee County	n/a	Purchase Shop Equipment	\$168,000	\$0	\$168,000	\$210,000
MTA	Job Access Reverse Commute	Genesee County	n/a	Job Access Reverse Commute (JARC)	\$300,000	\$0	\$600,000	\$600,000
MTA	Preventive Maintenance	Genesee County	n/a	Preventive Maintenance	\$2,484,000	\$0	\$2,484,000	\$3,105,000
MTA	Purchase Transit Vehicles	Genesee County	n/a	Purchase Buses	\$817,314	\$0	\$817,314	\$1,021,643
MTA	Purchase Farebox Equipment	Genesee County	n/a	Support Vehicles	\$60,000	\$57,759	\$2,241	\$75,000
MTA	Purchase Service Vehicles	Genesee County	n/a	Purchase Buses	\$1,541,330	\$0	\$1,541,330	\$1,926,663
MTA	Purchase/Repair Bus Shelters	Genesee County	n/a	Bus Shelters	\$66,000	\$0	\$66,000	\$82,500
MTA	Purchase Propane Cutaways	Genesee County	n/a	Purchase Propane Cutaways	\$850,062	\$819,588	\$30,474	\$1,062,578
MTA	Transit Vehicles	Genesee County	n/a	Purchase Cutaways	\$208,745	\$163,918	\$44,827	\$260,931
MTA	Materials	Genesee County	n/a	Rehabilitate/Renovate Buses	\$60,000	\$0	\$60,000	\$75,000

Transit - Facility Improvements	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
MTA	Transit Facilities	Genesee County	n/a	Security and Signage	\$66,000	\$64,001	\$1,999	\$82,500
MTA	Transit Facilities	Genesee County	n/a	Upgrades to Facilities	\$280,000	\$217,717	\$62,283	\$350,000

Miscellaneous	Project Name	Limits	Length	Project Description	Federal Funds Programmed*	Federal Funds Obligated**	Federal Funds Remaining***	Total Project Cost****
Genesee County Road Commission	Torrey Rd.	Crane Rd. to Lahring Rd.	0.4	Preliminary Engineering--Install High Friction Surface Treatment in Three Horizontal Curves	\$10,600	\$10,467	\$133	\$20,935
Genesee County Road Commission	Install Signal Backplates	Countywide	n/a	Preliminary Engineering--Up to 14 Intersections will Have Signal Backplates Installed	\$4,600	\$4,600	\$0	\$9,200
City of Flint	Saginaw St.	Court St. to the Flint River	0.5	Preliminary Engineering--Road Reconstruction	\$241,042	\$241,042	\$0	\$301,303
City of Burton	Center Rd.	Davison Rd. to North City Limits	1.0	Preliminary Engineering--Road Resurfacing	\$156,432	\$156,432	\$0	\$156,432
MDOT	M-54 (Dort Hwy.)	Over Gilkey Creek	n/a	Right-of-Way for Culvert Replacement	\$613,875	\$613,875	\$0	\$750,000
MDOT	M-54 (Dort Hwy.)	Over Gilkey Creek	n/a	Preliminary Engineering--Culvert Replacement	\$528,701	\$528,700	\$1	\$645,938
MDOT	M-21 (Corunna Rd.)	Over CSX Railroad (Abandoned)	n/a	Preliminary Engineering--Bridge Removal and Pedestrian Culvert Construction	\$169,569	\$169,569	\$0	\$207,171
MDOT	Improve Roadside Facilities	Near Doyle-Ryder, Freeman, Neithercut, and Pierce Schools in the City of Flint	n/a	Preliminary Engineering--Bike/Pedestrian Facilities	\$57,740	\$57,740	\$0	\$57,740
MDOT	I-475 North	Kearsley St. to Crapo St.	0.3	Preliminary Engineering--Sound Barrier Rehabilitation	\$48,147	\$48,147	\$0	\$58,824
MDOT	I-475 North	Atherton Rd. to South of Thread Creek	1.1	Preliminary Engineering--High-Friction Surface Course	\$103,500	\$103,500	\$0	\$115,000
MDOT	M-54 (Dort Hwy.)	At Frances Rd.	n/a	Right-of-Way for Traffic Signal Modernizations and Connected Vehicle Installations	\$20,000	\$20,000	\$0	\$20,000
MDOT	US 23 South	At Thompson Rd. Interchange	n/a	Preliminary Engineering--Geometric Improvements	\$4,361	\$4,361	\$0	\$4,846
MDOT	M-54 (Dort Hwy.)	Atherton Rd. to Leith St.	3.7	Preliminary Engineering--Milling and Two Course Hot Mix Asphalt Overlay	\$142,373	\$94,151	\$48,222	\$115,029
MDOT	M-54 (Dort Hwy.)	Coldwater Rd. to Mt. Morris Rd.	2.0	Right-of-Way for Two Course Mill & Resurface and Road Diet	\$40,925	\$40,925	\$0	\$50,000

* "Federal Funds Programmed" refers to the amount of Federal Funds identified in the Genesee County TIP.

** "Federal Funds Obligated" refers to the amount of actual Federal Funds contracted for a project.

*** Dollar figures in () indicate a negative value.

**** "Total Project Cost" includes all Federal, State, and Local dollars allocated to a project.

Below is a listing of the total amount of money programmed in FY 2019 from the FY 2017-2020 TIP, that will make progress towards the Performance Measure (PM) categories listed below. Please note that many projects may affect multiple categories, however, project funding has been grouped to the primary PM category for the purpose of this summary chart.

FY 2019 Performance Measure Category Spending Summary		
Performance Measure Category	Amount Programmed	Impact on Condition
Safety/Non-Motorized	\$6,410,004	Reduce potential for motor vehicles crashes and non-motorized crashes, injuries and fatalities
Pavement Preservation	\$49,161,909	Improve surface condition and International Roughness Index (IRI), eliminate issues with cracking, rutting and faulting
Transit	\$11,128,742	Reduce percentage of vehicles, equipment and facilities that are past useful life benchmark
Bridges	\$6,656,626	Reduce number of structurally deficient and functionally obsolete bridges
System Performance/Congestion	\$2,264,082	Improve freight movement, reduce traffic congestion and associated user delay costs
Total	\$75,621,363	

MEMORANDUM

TO: Members of the Technical Advisory Committee

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

DATE: January 9, 2020

**SUBJECT: FY 2020-2023 Transportation Improvement Program (TIP)
Amendment # 4**

Attached is the description of proposed projects in the FY 2020-2023 TIP Amendment # 4. This amendment adds one (1) project, changes two (2) projects and deletes one (1) project in 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 #4 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 # 4**

Project 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
2020	To be decided	City of Grand Blanc	Local Grade Crossing Surface Program	n/a	Grand Blanc Rd.-- Crossing at Lake State Railway Co. (LSRC)	Grade Crossing Improvements	CON	MRR	\$0	\$184,573	\$123,049	\$307,622	Local funds are paid by LSRC, not the City of Grand Blanc.

Projects 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
2020	200829	MDOT	Regionwide	n/a	Various Routes-- M-54 (Dort Hwy.) at Frances Rd.	Traffic Signal Modernizations; Connected Vehicle Installations.	CON	STG	\$1,692,536 \$2,302,514	\$0	\$0	\$1,692,536 \$2,302,514	Funding was increased with JobNet Change Request #8.
2020	200829	MDOT	Regionwide	n/a	Various Routes-- M-54 (Dort Hwy.) at Frances Rd.	Traffic Signal Modernizations; Connected Vehicle Installations.	CON	STG	\$1,692,536 \$2,602,842	\$0	\$0	\$1,692,536 \$2,602,842	Funding was increased with JobNet Change Request #9 on the same day.

Project Proposed to be Deleted with a TIP Amendment

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2020	130621	GCMPC	Rideshare	n/a	Genesee & Lapeer Counties	Free Computerized Carpool and Vanpool Program	CON	CMG	\$112,271	\$0	\$0	\$112,271	This project is abandoned, and is being reprogrammed as JN 209451 with no changes to the project.

CMG--Congestion Mitigation & Air Quality - 100% Federal

MRR-Michigan Railroad

STG - STP Safety - 100% Federal for ST