

**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, March 7, 2019
1:30 P.M.**

A-G-E-N-D-A

- I. Call to Order
- II. Roll Call
- III. Minutes
 - ***A. Minutes of the February 7, 2019 Regular Meeting (attached)
- IV. Old Business
 - A. FY 2020-2023 Transportation Improvement Program (TIP) Development Update (handout)
 - ***B. 2018 PASER Data Availability (attached)
- V. New Business
 - ***A. FY 2017-2020 Transportation Improvement Program (TIP) Amendment #16 (attached)
 - B. Call for FY 2022 Local Bridge Program Applications (attached)
 - C. Community Infrastructure Fund - Category B (attached)
 - D. 2019 Iron Belle Trail Grant Opportunity (attached)
- VI. Other Business
- VII. Announcements
- VIII. Adjournment

***** Action Item**

NEXT MEETING – April 4, 2019

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

The Technical Advisory Committee met at 1:30 p.m. on Thursday, February 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 Benning called the meeting to order at 1:32 p.m.

II. **Roll Call** 

Present: Bob Slattery, Chad Young, Derek Bradshaw, Don Mayle, Ed Benning, Fred Peivandi, Kim Zimmer, Larry Green, Mark Adas, Robert Johnson, Shawnice Dorsey, Tom Svrcek, and Trevor Block.

Absent/Excused: Aaron Dawson, Adam Zettel, Alex Patsy, Andrea Schroeder, Betty Wideman, Bonnie Mathis, Brad Barrett, Brian Saad, Chris Gehringer, Craig Williams, Curtis Armstrong, Dave Miller, David Dorr, Emily Alexander, Eric Johnston, Eric Weiderhold, Frederick Thorsby, Gary Stevens, Jay Reithel, Joseph Madore, Joseph Rizk, Karyn Miller, Lynn Markland, Mark Emmenderfer, Mary Ann Price, Michael Pifer, Neil Rankin, Paul Fortino, Sam Stiff, Scott Bennett, Scott Sutter, Sheri Wilkerson, Steven Furh, Teresa Onica, Tim Elkins, Vicki Fishell, and Wendy Jean-Buhrer.

Others Present: Leslie Renckly, Lane Masoud, Jason Nordberg, Sharon Gregory, Christine Pobocik, and Debby Compton.

III. **Minutes** 

***A. **Minutes of the January 10, 2019 Regular Meeting**

Motion: Action: Approve, **moved by** Mark Adas, **supported by** Tom Svrcek, to approve the minutes of the January 10, 2019 regular meeting as presented.

Motion carried unanimously.

IV. **Old Business** 

***A. **Approval of Genesee County Public Participation Plan**

Sharon Gregory stated that this is the same Public Participation Plan that this committee has seen several times. The 45-day public comment period ended on January 23, 2019.

Staff received a couple of comments and those have been incorporated into the document. The document is posted on the GCMPC website for review. At this time staff is requesting that the Technical Advisory Committee provide a recommendation of approval to the Metropolitan Alliance.

Motion: Action: Approve, **moved by** Fred Peivandi, **supported by** Tom Svrcek, to recommend approval of the Genesee County Public Participation Plan to the Metropolitan Alliance Committee.

Motion carried unanimously.

V.
***A.


New Business 
Amending Performance Measures into the FY 2017-2020 Transportation Improvement Program (TIP) Document

Jason Nordberg stated that staff had to update the TIP documents to conform to federal performance measure regulations. This is an amendment to the TIP document to add Performance Measure language into it. Staff did this about a year ago for the performance measures that were out. However, three new performance measures have been put in place so the TIP document had to be updated. At this time staff is requesting a recommendation of approval from the Technical Advisory Committee to amend Performance Measures into the FY 2017-2020 Transportation Improvement Program (TIP) Document to the Metropolitan Alliance. Discussion ensued.

Motion: Action: Approve, **moved by** Robert Slattery, **supported by** Mark Adas, to recommend approval of amending Performance Measures language into the FY 2017-2020 Transportation Improvement Program (TIP) Document to the Metropolitan Alliance.

Motion carried unanimously.

***B.

Air Quality Conformity Analysis for the 2017-2020 Transportation Improvement Program (TIP) and the 2040 Long Range Transportation Plan 

Christine Pobocik stated that due to a nation-wide lawsuit at the federal government level, MPO areas that were classified as non-attainment for maintenance must conduct and perform conformity analysis on their transportation program. For this MPO, that includes the Flint Michigan Conformity area which includes both Genesee and Lapeer Counties. GCMPC needs to review projects from the 2040 Long Range Transportation Plan and the FY 2017-2020 Transportation Improvement Program (TIP) and the State Transportation Improvement Program (STIP). Staff is required to do Air Quality Analysis on these two documents and complete an Air Quality Conformity document. The Interagency Work Group met to discuss the projects and review which ones would need to go through an Air Quality Analysis. The work group consists of staff from GCMPC, MDOT, MDEQ, EPA, and FHWA. The analysis was run, and it was determined that the LRTP and the TIPs conform to the STIP for the 1997 Ozone Standard. Conformity is demonstrated when the analysis years 2018-2040 have emissions for VOC and

NOx that are lower than our STIP budgets. A report was put together that documents these results. At this time staff is requesting that this committee recommend approval to the Metropolitan Alliance for the draft Air Quality Conformity Analysis Document and to send the analysis to the appropriate state and federal agencies.

Motion: Action: Approve, **moved by** Robert Johnson, **supported by** Tom Svrcek, to recommend approval of the Air Quality Conformity Analysis Document to the Metropolitan Alliance and to send the analysis to the appropriate state and federal agencies.

Motion carried unanimously.

***C. **FY 2020-2023 Transportation Improvement Program (TIP) Draft Prioritized List of Projects** 

Handouts were passed out to the committee at this time. Sharon Gregory stated that staff has been meeting with the Transportation System Management (TSM) Subcommittee and they have recommended funding for the projects identified in green in the handout. They have also recommended a prioritized listing of unfunded projects that is identified in this list that will be used if additional funding becomes available before the next Call for Projects. Next steps are the public input sessions in March and a 30-day public comment period. Staff is looking at final approval for the list of projects in June. Resolutions are due this month from local communities. At this time the Transportation System Management Subcommittee is requesting the Technical Advisory Committee recommend approval to the Metropolitan Alliance for the projects proposed for funding which allows staff to begin public comment and do further analysis including the year assignment. Discussion ensued.

Motion: Action: Approve, **moved by** Robert Johnson, **supported by** Robert Slattery, to recommend approval of the proposed projects for funding to the Metropolitan Alliance.

Motion carried unanimously.

VI. **Other Business**

None

VII. **Announcements** 

Derek Bradshaw announced that there will be a new planner starting in two weeks. There are still two open planner positions if anyone knows of someone that may be interested. GCMPC also has a planner Internship position available if anyone knows of someone that may be interested in that position.

Derek Bradshaw announced that the GCMPC 2018 Annual Report is available. Brochures were handed out and Mr. Bradshaw reviewed the report with the committee.

Tom Svrcek mentioned the new changes that were made in Swartz Creek and how the community has been excited about the changes.

Jason Nordberg mentioned that the GCMPC Federal Certification Review has been moved to March due to the government shutdown.

Derek Bradshaw stated that the Flint and Genesee Chamber of Commerce is undertaking a new Economic Development Strategy in cooperation with Genesee County and the City of Flint. Their goal is to try and coordinate a lot of different activities that are happening. They hired a planning firm called Planning Next. Their first meeting is the middle of this month. Staff highly encourages people to participate and get involved. The name of this new initiative is called "Forward Together."

Ed Benning announced that the MTA has eleven (11) new buses on the street and eleven (11) more coming in thirty days and eleven (11) more coming in September. MTA took delivery of four (4) commuter coaches. New signs are up at the former Baker building (I-69 and Dort Highway) and move in is about two weeks away. About a hundred (100) vehicles for the Wellness service will be operating out of that building.

Mr. Benning discussed the new service for veterans in Genesee County that gives veterans and their spouse a free ride with same day service. MTA also has a new grant from the state for veterans that will bring services into Genesee, Lapeer and Shiawassee.

VIII. **Adjournment** 

Chairperson Benning adjourned the meeting at 2:08 p.m.

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

ROBERT JOHNSON – 732-9089
CHAIRPERSON
ROBERT PLUMB – 635-4359
VICE-CHAIRPERSON
TOD SORENSSEN – 640-2000
TREASURER

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BILL BAIN – 659-0001

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JOHN GILBERT – 635-9762
JOHN WHITESIDE

MEMORANDUM

TO: Members of the Technical Advisory Committee

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

DATE: March 7, 2019

SUBJECT: 2018 PASER Data Availability

In 2018, Genesee County's entire federal aid and local road networks were surveyed using the PASER data collection system. Maps of each municipality's federal aid ratings were distributed in November 2018 with the FY 2020-2023 Transportation Improvement Program (TIP) Call for Projects.

Staff has now updated these maps to include the local road ratings for each municipality. Should you have any questions regarding the PASER ratings or would like to request a copy of your community's data, please feel free to contact me at jmaurer@co.genesee.mi.us or (810) 766-6565.

IV B

MEMORANDUM

TO: Members of the Technical Advisory Committee

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

DATE: March 7, 2019

**SUBJECT: FY 2017-2020 Transportation Improvement Program (TIP)
Amendment # 16**

Attached is the description of proposed projects in the FY 2017-2020 TIP Amendment # 16. This amendment changes thirteen (13) projects and adds eleven (11) projects to the FY 2017-2020 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. Staff has reviewed these projects and has determined that they are exempt from Air Quality analysis. The Interagency Work Group (IAWG) will review the listing of projects for this amendment to provide concurrence with staff's determination that these projects are exempt from Air Quality analysis.

At this time, staff is recommending endorsement of attached Amendment #16 to the FY 2017-2020 Transportation Improvement Program from the Technical Advisory Committee to the Genesee County Metropolitan Alliance.

V A

**FY 2017-2020 Transportation Improvement Program
Proposed Amendment # 16**

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
2019	130622	GCMPC	Rideshare	0.0	Genesee and Lapeer Counties	Free computerized carpool and vanpool program	CON	CMG	\$112,271	\$0	\$0	\$112,271	Reprogrammed to JN 203957 to correct phase type
2019	202002	MDOT	M-54	0.0	Over Gilkey Creek	Culvert replacement	PE-structure	ST	\$321,260	\$62,333	\$8,905	\$392,498	Budget decreased from \$878,303
2019	202002	MDOT	M-54	0.0	Over Gilkey Creek	Culvert replacement	ROW	ST	\$613,875	\$119,109	\$17,016	\$750,000	Budget increased from \$500,000
2019	202002	MDOT	M-54	0.0	Over Gilkey Creek	Culvert replacement	UTL	ST	\$204,625	\$39,703	\$5,672	\$250,000	Budget increased from \$200,000
2022	123035	MDOT	Grand Traverse Greenway Trail	0.0	Hemphill Rd. to Grand Traverse S	Construct non-motorized path	CON	TA	\$1,488,702	\$0	\$372,176	\$1,860,878	Moving from 2019 to 2022
2019	130625	GCRC	Seymour Rd.	1.0	Cook Rd. to Grand Blanc Rd.	Restore and rehabilitate	CON	STL	\$626,291 \$782,722	\$0	\$156,573 \$195,680	\$782,864 \$978,402	Federal and local amounts increasing
2017	116547	MDOT	W. Silver Lake Rd.	n/a	At Silver Lake Rd.	Resurface carpool lot	CON	ST	\$52,384	\$11,616	\$0	\$64,000	Abandoned
2019	203015	MDOT	I-75 N	4.7	Pavement marking on trunkline routes in Genesee County	Longitudinal pavement marking application	PE	HSIP	\$18,000	\$2,000	\$0	\$20,000	Abandoned
2019	n/a	MDOT	Trunkline Livability and Sustainability GPA	n/a	n/a	Trunkline Livability and Sustainability GPA	n/a	n/a	\$47,260	\$10,480	\$0	\$57,740	Budget Changed
2020	n/a	MDOT	Trunkline Livability and Sustainability GPA	n/a	n/a	Trunkline Livability and Sustainability GPA	n/a	n/a	\$543,490	\$120,518	\$0	\$664,008	Budget Changed
2019	n/a	MDOT	Trunkline Traffic Operations and Safety GPA	n/a	n/a	Trunkline Traffic Operations and Safety GPA	n/a	n/a	\$818,500	\$181,500	\$0	\$1,000,000	
2020	n/a	MDOT	Trunkline Traffic Operations and Safety GPA	n/a	n/a	Trunkline Traffic Operations and Safety GPA	n/a	n/a	\$289,474	\$40,871	\$0	\$330,345	Budget Changed
2020	n/a	MDOT	Local Traffic Operations and Safety GPA	n/a	n/a	Local Traffic Operations and Safety GPA	n/a	n/a	\$719,540	\$0	\$86,904	\$806,444	Budget Changed

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
2020	206089	GCRC	W. Grand Blanc Rd.	0.0	W. Grand Blanc Rd. over Swartz Creek, Structure # 2709	Bridge replacement	CON	BRT	\$1,632,000	\$306,000	\$102,000	\$2,040,000	New Project
2020	206483	MDOT	Bay Regionwide longitudinal pavement markings	2.9	Genesee County	Longitudinal pavement marking application on trunkline routes in Bay Region	PE	HSIP	\$6,155	\$684	\$0	\$6,839	New Project
2020	206483	MDOT	Bay Regionwide longitudinal pavement markings	2.9	Genesee County	Longitudinal pavement marking application on trunkline routes in Bay Region	CON	HSIP	\$895,075	\$99,453	\$0	\$994,528	New Project
2020	206487	MDOT	Bay Regionwide special pavement markings	4.5	Genesee County	Special pavement marking application on trunkline routes in Bay Region	PE	HSIP	\$2,309	\$257	\$0	\$2,565	New Project
2020	206487	MDOT	Bay Regionwide special pavement markings	4.5	Genesee County	Special pavement marking application on trunkline routes in Bay Region	CON	HSIP	\$221,616	\$24,624	\$0	\$246,240	New Project
2020	206558	MDOT	Bay Regionwide pavement marking retroreflectivity readings	4.6	All of GCMPC MPO	Pavement marking retroreflectivity readings on trunklines in Bay Region	CON	HSIP	\$7,079	\$787	\$0	\$7,866	New Project
2020	TBD	City of Burton	Saginaw St.	0.6	Maple Ave. to Judd Rd.	Resurface	PE	ST	\$79,060	\$0	\$20,740	\$99,800	New project
2020	TBD	City of Fenton	Shiawassee Ave.	0.6	Bent Oak St. to Adelaide St.	Rehabilitation	CON	ST	\$351,578	\$0	\$159,354	\$510,932	New project
2020	TBD	City of Flint	Miller Rd.	1.4	Ballenger Hwy. to Hammerberg Rd.	Preservation	PE	ST	\$167,132	\$0	\$43,744	\$210,876	New project

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
2020	TBD	City of Flushing	Seymour Rd.	0.2	South point of the W. Pierson intersection--north point of the Emily St. intersection	Milling and resurfacing	PE	ST	\$16,036	\$0	\$4,207	\$20,243	New project
2020	TBD	City of Burton	Saginaw St.	0.5	Judd Rd. to Bristol Rd.	Resurface	PE	ST	\$68,920	\$0	\$18,080	\$87,000	New project

BRT--Bridge Replacement - Surface Transportation Program (STP)

CM or CMG--Congestion Mitigation & Air Quality

HSIP--Highway Safety Improvement Program - SAFETEA-LU

IM--Interstate Maintenance - No Added Lanes

NH--National Highway System

RP--Research Project

Section 5311 - Non-UZA

ST--Surface Transportation Program (STP) - Any Area

STL--STP Local

STU--STP--Urban Areas >200,000 population

TA--Transportation Alternatives Program Flex

**FY 2017-2020 Transportation Improvement Program (TIP)
General Program Account (GPA) Breakdown**

Trunkline Livability and Sustainability GPA--Project Proposed to be Added to this GPA

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2017	113185	MDOT	M-13	0.1	At M-21	Install solar lighting	CON	ST	\$24,555	\$5,445	\$0	\$30,000	Phase added then suspended
2019	206105	MDOT	Father Dukette Blvd.	0.0	Doyle-Ryder, Freeman, Neithercut, and Pierce Schools	Bike/pedestrian facilities	PE	TA	\$47,260	\$10,480	\$0	\$57,740	Phase added
2020	206105	MDOT	Father Dukette Blvd.	0.0	Doyle-Ryder, Freeman, Neithercut, and Pierce Schools	Bike/pedestrian facilities	CON	TA	\$543,490	\$120,518	\$0	\$664,008	Phase added

Trunkline Traffic Operations and Safety GPA--Projects Proposed to be Added

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2019	205161	MDOT	I-475 N	0.3	Kearsley St. to Crapo St.	Sound barrier rehabilitation	PE	NH	\$48,147	\$10,677	\$0	\$58,824	Phase added
2019	205161	MDOT	I-475 N	0.3	Kearsley St. to Crapo St.	Sound barrier rehabilitation	CON	NH	\$770,353	\$170,823	\$0	\$941,176	Phase added
2020	204911	MDOT	I-75 N/Corunna ramp	0.2	I-75 NB Exit Ramp at M-21	Sight obstruction removal	PE	HSIP	\$71,209	\$7,912	\$0	\$79,121	Phase added
2020	204923	MDOT	US-23 N	1.5	Thompson Rd. to Baldwin Rd.	Tree windscreen	PE	HSIP	\$106,137	\$11,793	\$0	\$117,930	Phase added
2020	54243	MDOT	M-57	n/a	At Linden Rd.	HMA overlay	CON	ST	\$78,691	\$17,450	\$0	\$96,141	Phase added
2020	204925	MDOT	I-75 SB	n/a	At Thompson Rd. interchange	Geometric improvements	CON	HSIP	\$33,437	\$3,716	\$0	\$37,153	Phase added

Local Traffic Operations or Safety GPA--Projects Proposed to be Added

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2020	207352	City of Grand Blanc	Multiple Routes	0.0	Multiple Routes	Signal backplates, dilemma zone detection	CON	HSIP	\$286,785	\$0	\$31,865	\$318,650	Phase added to GPA
2020	207353	GCRC	Davison Road	0.5	Oak Rd. to Cummings Rd.	Lane widening, hot mix asphalt resurfacing, centerline rumble strips	CON	HSIP	\$360,000	\$0	\$40,000	\$400,000	Phase added to GPA
2020	207354	GCRC	Multiple Routes	0.0	Multiple Routes	Restripe pavement markings to create headed-up left turn lanes	PE	RP	\$1,800	\$0	\$1,800	\$3,600	Phase added to GPA
2020	207354	GCRC	Multiple Routes	0.0	Multiple Routes	Restripe pavement markings to create headed-up left turn lanes	CON	HSIP	\$32,400	\$0	\$3,600	\$36,000	Phase added to GPA
2020	207459	City of Flushing	Main St.	0.9	Chamberlain St. to Pierson Rd.	Re-stripe markings for a 4-3 lane conversion	CON	HSIP	\$38,555	\$0	\$9,639	\$48,194	Phase added to GPA

Local Road GPA--Projects Proposed to be Added

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2017	121491	City of Burton	S. Center Rd.	1.0	Atherton Rd. to Lippincott Blvd.	Resurface	PE	STU	\$76,970	\$0	\$19,243	\$96,213	PE phase added in error then abandoned; CON phase completed

JobNet Reconciliation--Past Amendments that did not Receive Federal Approval

Year	MDOT Job Number	Agency	Project	Length	Limits	Description	Phase	Fund Type	Federal	State	Local	Total Cost	Comments
2017	200835	GCMPC	Beach St.	0.0	Areawide in Genesee County	FY 2018 MICHIVAN marketing and capital	OPS	CMG	\$36,169	\$0	\$0	\$36,169	Reprogrammed to JN 200846 to correct phase type
2017	200596	GCMPC	Beach St.	0.0	Areawide in Genesee County	FY 2018 MICHIVAN marketing and capital	NI	CMG	\$36,169	\$0	\$0	\$36,169	Abandoned duplicate project that was mistakenly programmed
2018	130624	GCMPC	Beach St.	0.0	Genesee and Lapeer Counties	Free computerized carpool and vanpool program	CON	CMG	\$112,271	\$0	\$0	\$112,271	Reprogrammed to JN 200907 to correct phase type
2018	130623	GCRC	Beach St.	0.0	Genesee and Lapeer Counties	2018 Rideshare	CON	CMG	\$112,271	\$0	\$0	\$112,271	Reprogrammed to JN 203961 to correct phase type
2018	203838	GCRC	Beach St.	0.0	Genesee and Lapeer Counties	2020 Rideshare	NI	CMG	\$112,271	\$0	\$0	\$112,271	Abandoned duplicate project that was mistakenly programmed
2018	203837	GCRC	Beach St.	0.0	Genesee and Lapeer Counties	2019 Rideshare	CON	CMG	\$112,271	\$0	\$0	\$112,271	Abandoned duplicate project that was mistakenly programmed
2018	130818	MTA	Transit	0.0	MTA service area	Purchase of three new propane powered cutaway buses	NI	CM	\$208,506	\$52,127	\$0	\$260,633	Reprogrammed to JN 204871 to correct phase type
2018	112481	MDOT	I-475	1.4	Saginaw St. to Clio Rd.	Reconstruction	CON	IM	\$0	\$0	\$0	\$0	Phase added incorrectly then abandoned
2019	206763	MTA	I-69	0.0	Areawide in Genesee County	FY 2016 Section 5311 operating reconciliation.	NI	5311	\$420,793	\$0	\$0	\$420,793	New project, then add to Transit Operating GPA

ROBERT JOHNSON – 732-9089
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MEMORANDUM

TO: Members of the Technical Advisory Committee

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

DATE: March 7, 2019

SUBJECT: **Call for FY 2022 Bridge Program Applications**

The Michigan Department of Transportation (MDOT) has announced the FY 2022 Local Bridge Program Call for Projects. The FY 2022 Local Bridge Program budget is estimated to be at \$48 million (subject to change). The total number of applications from any one local agency is limited to five.

Applications are to be electronically submitted or postmarked by May 1, 2019.

Refer to the attached exhibits for information regarding eligibility and submitting candidate applications. If you have any questions or need further information, please contact Keith Cooper, MDOT Bridge Program Manager, at 517-335-4526 or CooperK@michigan.gov.

V B



STATE OF MICHIGAN
DEPARTMENT OF TRANSPORTATION
LANSING

GRETCHEN WHITMER
GOVERNOR

PAUL C. AJEGBA
DIRECTOR

February 20, 2019

Ms. Denise Donohue, Director
County Road Association of Michigan
417 Seymour, Suite One
Lansing, Michigan 48901-2067

Mr. Matt Bach, Director of Communications
Michigan Municipal League
320 North Washington Square, Suite 100
Lansing, Michigan 48933-1288

Dear Ms. Donohue and Mr. Bach:

Local Bridge Program Deadline for Applications – May 1, 2019

The Michigan Department of Transportation (MDOT) is pleased to announce the solicitation of applications for candidate projects for the Local Bridge Program. Selected projects will be funded during the 2022 fiscal year (FY). Do not submit projects which cannot be committed to construction within FY 2022. The applications can be submitted by the local agency owner or their consultant. All bridge applications submitted in previous years that have not been selected for funding have been discarded. The total number of applications from any one local agency is limited to five.

The FY 2022 Local Bridge Program budget is estimated at \$48 million. This amount may be subject to revisions. We are asking the County Road Association of Michigan and the Michigan Municipal League to distribute this notice to their member agencies.

Applications are to be electronically submitted or postmarked by Wednesday, May 1, 2019.

Refer to the enclosed exhibits for information regarding eligibility and submitting candidate Local Bridge Project Applications.

If you have any questions or need further information, please contact Keith Cooper, Bridge Program Manager, at 517-335-4526 or CooperK@michigan.gov.

Sincerely,

Larry Doyle, P.E.
Division Administrator
Development Services Division

Enclosures

cc: M. Lewis, FHWA
K. Zachary, FHWA
J. LaMacchia II, MML
K. Cooper, MDOT

M. Chynoweth, MDOT
E. Mullen, MDOT
T. Leix, MDOT
Rural Task Forces

MDOT Region Engineers
MDOT Transportation Service Managers
MDOT Local Agency Program Listser Members
Metropolitan Planning Organizations

Exhibit 1 – Bridge Definition and Application Process

Definition

To be eligible for bridge funds, the structure must meet the definition of a bridge, defined as a structure with a total clear span of more than 20 feet, measured along the centerline of the roadway over a stream, watercourse, or opening. For a span bridge, this means the clear opening span, measured face to face at the inside of the abutments, is greater than 20 feet. A multi-unit culvert is considered a bridge if the total length, as measured along the centerline of the roadway, is greater than 20 feet and the distance between the culvert units is less than half the diameter of the smallest unit. This description is referenced in item number 112 of the Michigan Structure Inventory and Appraisal Coding Guide. There are many multi-unit culverts under local agency jurisdiction that qualify as bridges and thus, are required to be on the structure inventory and regularly inspected. Please check multi-unit culverts in your area to see if they qualify under the definition of a “bridge.”

Work Type

An application must list the specific work being applied for in the preventative maintenance and/or rehabilitation categories.

Participation Level

The preventive maintenance, structure rehabilitation and replacement, and approach construction costs may be eligible for a maximum of 95 percent participation from federal and/or state funds. The right-of-way, design engineering, and construction engineering costs are not eligible for Local Bridge Program funds.

Cost Estimates

The current Local Agency Program (LAP)–Bridge Cost Estimate Worksheet, dated 02/01/2019, which indicates per unit cost estimates of various replacement, rehabilitation and preventive maintenance options (Exhibit 4). This information will be helpful in determining estimated construction costs for different types of repairs. All estimates for projects to be constructed in 2022 should incorporate an annual inflationary factor of three percent (3%). If the structure is over a railroad, include the railroad’s flagging and construction fees.

Data Formula Points

The data found on the Structure Inventory and Appraisal (SI&A) form is used in many of the formula rating point calculations and is one item looked at by your Region Bridge Council when considering discretionary rating points. It is very important that this data be current and correct before submitting the application; incorrect data may significantly affect the rating points. When completing an application, the data stated in the supporting documents must match the data found in the SI&A form.

Site Review for Bridge Applications

MDOT bridge personnel will review submitted applications for completeness and determine the preliminary (computer generated) rating points. The LAP bridge staff will perform site visits, verify appropriate scopes of work, and create written site reports. The applications, preliminary rating points, and the site visit reports will then be forwarded to the respective Region Bridge Council for their review and the addition of the discretionary rating points.

Project Estimate vs. Application Estimate

The Local Bridge Advisory Board has set a policy for projects coming in over application estimate. If, at the grade inspection stage, the project estimate exceeds the application estimate, the Region Bridge Council may review the project. The council can decide to accept the project at the increased estimate, cap the project at a percentage above the application estimate, or request an application for additional funds be submitted in the next call for projects. Due diligence must be taken in getting the most reasonable application estimates.

Bridge Application Package and Submission

Please be sure your Structure Number is correct and have your signed resolution, SI&A, Bridge Inspection Report, cost estimate, location and detour maps, project narrative, letters of support, and photos ready to include as attachments. See Exhibit 3 for further details.

Applications can be submitted electronically using the [Local Agency Bridge Program Website](#), or directly at [FY 2022 Local Bridge Program - Call for Applications Submission Sheet](#)

Exhibit 2 – Bridge Scoping and Work Type Definitions

Bridge Scoping

To assist in the bridge scoping and fix selection process, refer to [MDOT's Scoping Manual](#), specifically pages 30 through 48 of Chapter 5, *Signs of Pavement & Bridge Distress and Fix Selection Guidelines*.

Bridge Asset Management Plan

To assist with managing bridge inventory and developing an optimum bridge preservation strategy, a valuable resource is the [Asset Management Guide for Local Bridges](#) in Michigan.

All local agencies are encouraged to submit asset management plans for the bridge applications being submitted. A summary of the local agency's bridge network asset management plan may also be submitted for review.

Replacement

Replacement projects involve replacing the entire substructure, superstructure, deck and necessary approach work. If a multi-use path or sidewalk is planned but does not currently exist, the estimate needs to clearly indicate the costs of these items. If the project is selected for funding, a master plan showing the path or sidewalk must be provided for them to be considered participating in the Local Bridge Program.

The approach costs should be estimated using a minimum of \$35,000 per station, with a minimum approach cost of \$150,000. The estimate needs to account for public utilities such as water mains and sewers, which will need to be altered during construction. Also, if the structure is within a substandard horizontal or vertical alignment, the estimate must account for any possible increase in approach distance.

Replacement projects need to meet current American Association of State Highway and Transportation Officials (AASHTO) guidelines and the Load Factor Resistance Design criteria.

Rehabilitation

Rehabilitation is defined as major work required to restore the structural integrity of a bridge, as well as work necessary to correct major safety defects. These projects are required to meet AASHTO guidelines. If a rehabilitation project is over water, a scour analysis will be required during the design phase and the existing foundations will need to be shown to be stable under a scour event. A structure that is not found to be stable during a scour event may not be allowed to proceed to contract. If making the structure stable results in a change in scope, it may be necessary to re-apply during a future call for applications.

Estimated repair costs for bridge rehabilitation projects will vary by the type of work. Include publicly owned utility relocation costs. Examples of rehabilitation work eligible for funding under the program include:

- Full deck replacement (with or without painting of steel beams)
- Superstructure replacement
- Structure widening
- Removal of existing bridge without replacement

Preventive Maintenance

Preventative Maintenance applications can be a single bridge or multiple bridges submitted for similar preventive maintenance work into one application. This can include multiple agencies working together to submit one application. A multiple bridge application will count as one of the five applications any one agency can submit per year. The Region Bridge Councils will review a multiple structure application as one package and will not rate each structure independently. Preventive Maintenance activities are eligible under the Local Bridge Program.

When applying for a multiple bridge preventative maintenance project, submit each structure individually. For electronic submission, select “PM-Multiple Structure” as the type of work on each form. For paper submission, identify on the cover sheet that each bridge is part of a “PM-Multiple Structure” application. Examples of Preventive Maintenance include:

- Hot mix asphalt (HMA) overlay with waterproofing membrane
- Epoxy deck overlay (Concrete)
- Deck overlay (removing and replacing concrete surface above/below the top mat of steel reinforcement)
- Painting only (full, zone, or spot painting)
- Pin and hanger replacement
- Slope paving repair
- Joint replacement and repair
- Drainage system repair (bridge deck drains and bridge approach downspouts)
- Scour countermeasures
- Concrete crack sealing
- Concrete patching and repair
- Approach pavement relief joint installation
- Temporary supports
- Expansion or construction joint repair
- Guard rail beam retrofit or installation
- Substructure repairs

Exhibit 3 – Application Requirements

1. Submit a narrative which includes the following:
 - a. The responsible local agency contacts person's name, title, mailing address, e-mail and telephone number.
 - b. **Clearly indicate whether the application is for rehabilitation, replacement, and preventive maintenance. For rehabilitation and preventive maintenance, clearly specify work requested for funding.**
 - c. A statement explaining the economic importance of the structure.
 - d. In a short paragraph, if there is currently a detour for the structure, explain "Existing detour currently affects"
 - e. In a short paragraph, if the structure is or would be closed, explain "If the structure is closed, the detour would affect...."
 - f. If the structure is closed, what year the structure was closed.
 - g. A statement of any maintenance done on the structure either past or present.

2. Include the most recent Structure Inventory and Appraisal (SI&A) form and Bridge Inspection Report form (BIR). These forms must have been updated within the 24-month period, prior to May 1, 2019. It is very important that this data be current and correct before submitting the application; incorrect data may significantly affect the rating points. The SI&A and BIR forms must be updated electronically on MiBridge prior to the May 1, 2019 deadline. Do not send in any marked-up forms as we cannot update the data for you.

3. Submit a legible map (8 ½" X 11") showing:
 - a. Emergency facilities such as fire stations, hospitals or police stations.
 - b. Schools and other significant traffic generating facilities.
 - c. The alternate routes or detours which must be used because of load limits or closures.

4. For all applications, include a minimum of two photographs of the following:
 - a. One showing the structure's alignment.
 - b. One showing the structure's profile view.
 - c. If the bridge is posted, include one photograph of the bridge clearly showing the current posting sign.

5. For **rehabilitation** and **preventive maintenance** applications, also include photographs of the following:
 - a. The deck showing the areas of delamination and patches.
 - b. The substructure units showing areas of delaminations/spalls.
 - c. The beams showing areas of cracks and delamination for concrete and local areas of corrosion and/or local failure for steel.

6. Submit a breakdown of the estimated replacement, rehabilitation, and preventive maintenance as follows:
- | | | | |
|----|------------------------|----------|-------|
| A. | Approach Construction | (A) \$ | _____ |
| B. | Structure Construction | (B) \$ | _____ |
| | Total (A & B) | Total \$ | _____ |

Note: Use the attached Cost Estimate Worksheet to calculate the approach and structure costs.

7. Submit a "**Priority List**" listing all the structures that you want rated.
8. **For each application**, submit a current resolution, signed and dated, from the governing board supporting the project. Resolutions from previous applications will not be accepted. Any application not containing a signed resolution for all applications will be considered incomplete, and will be rejected and returned to the owner. Letters of local support are recommended but are not mandatory.
9. If submitting a hard copy, do not staple the application together or put in a booklet or binder, as it needs to be reproduced on a scanner/copier.
10. Any application that is not complete will be rejected and returned to the local agency. Common examples of incomplete applications are those that are missing updated SI&A forms, photos of postings, load ratings, missing resolutions, and priority lists. All completed applications must be postmarked by the May 1, 2019, deadline.
11. All local agencies are encouraged to submit asset management plans for the applications being submitted. A summary of the local agencies bridge network asset management plan may also be submitted for review. Refer to the Asset Management Guide for Local Agency Bridges in Michigan, located on MDOT's Local Agency Bridge Program's website.
12. Previous years' applications have been discarded. The Region Bridge Councils and the Local Bridge Advisory Board will only review applications submitted during the current call for applications. After the applications have been reviewed and projects have been selected for funding, all non-funded bridge applications will be discarded.

Submit Applications:

By E-mail: Fill out form at the link below and attach application (One application per sheet).
Application conversion to pdf is preferred over scanned applications due to file size.
[FY 2022 Local Bridge Program - Call for Applications Submission Sheet](#)

By Mail:
Send applications to:

Rita Levine, P.E.
Local Agency Programs-Development Services Division, MDOT
425 West Ottawa Street
P.O. Box 30050
Lansing, Michigan 48909
Phone: (517) 335-4528

Exhibit 4 - Cost Estimating Worksheet

2019

LAP - BRIDGE COST ESTIMATE WORKSHEET

REV. 2/1/2019

- CPM, REHAB, REPLACE -

OWNER:	FISCAL YEAR:			Out to Out	Curb to Curb	DATE:	2/15/2019
REGION:			LENGTH	WIDTH	WIDTH	ENGINEER:	
TSC:	PR:	MP:				STRUCTURE ID:	
	LOCATION:	over				BRIDGE ID:	
PRIMARY WORK ACTIVITY			DECK AREA:	SFT		STR. TYPE:	
OTHER WORK:			CLEAR ROADWAY:	SFT			

WORK ACTIVITY	Michigan Bridge Design Manual	QUANTITY	UNIT	UNIT COST	TOTAL
NEW BRIDGE <small>(increase deck area based on design standards and hydraulic requirements)</small>					
Single or Multiple Spans, Grade Separation	(add demo, approach, MOT)		SFT	\$220.00/SFT	
Single Span, Over Water	Length < 100ft (add demo, approach, MOT)		SFT	\$300.00/SFT	
Multiple Spans, Over Water	Length > 100ft (add demo, approach, MOT)		SFT	\$220.00/SFT	
Precast Culvert	Length < 40ft (add demo, approach, MOT)		SFT	\$350.00/SFT	
NEW SUPERSTRUCTURE					
New Superstructure, Grade Separation	(incl. remove exist deck/super; add MOT & approach)		SFT	\$160.00/SFT	
New Superstructure, Over Water	(incl. remove exist deck/super; add MOT & approach)		SFT	\$200.00/SFT	
WIDENING					
Structure Widening, _____ ft	(incl. deck/super/sub widening, add approach transition)		SFT	\$270.00/SFT	
NEW DECK					
New Bridge Deck & Barrier	(incl. remove exist deck/railing, add approach, MOT)		SFT	\$75.00/SFT	
DEMOLITION					
Entire Structure, Grade Separation			SFT	\$33.00/SFT	
Entire Structure, Over Water			SFT	\$46.00/SFT	
DECK REPAIR / TREATMENTS					
Bridge Railing Replacement	(incl. removal and replacement)		FT	\$400.00/FT	
Concrete Brush Block / Curb Patch	(incl. hand chipping and formwork)		FT	\$20.00/FT	
Concrete Barrier Patch	(incl. hand chipping and formwork)		SFT	\$60.00/SFT	
Concrete Deck Patch	(incl. hand chipping)		SFT	\$30.00/SFT	
Deep Overlay	(incl. joint repl & hydro)		SFT	\$32.00/SFT	
Epoxy Overlay	(incl. warranty)		SYD	\$30.00/SYD	
Expansion Joint Gland Replacement	(remove and replace elastomeric gland)		FT	\$85.00/FT	
Expansion Joint Replacement	(incl. removal)		FT	\$550.00/FT	
Full Depth Patch			SFT	\$65.00/SFT	
Healer / Sealer	(penetrates cracks in bridge deck)		SYD	\$15.00/SYD	
HMA Overlay with WP membrane			SYD	\$52.00/SYD	
Overlay Removal	(Epoxy: \$8/syd Latex: \$16/syd HMA: \$7/syd)		SYD	\$16.00/SYD	
Reseal Bridge Joints			FT	\$16.00/FT	
Shallow Overlay	(incl. joint repl & hydro)		SFT	\$22.00/SFT	
SUPERSTRUCTURE REPAIR					
Bearing Realignment / Replacement	(incl. temporary supports)		EA	\$5,000.00/EA	
Heat Straightening	(incl. clean and coat)		EA	\$50,000.00/EA	
Pack Rust Repair	(greater than 3/8" separation)		FT	\$500.00/FT	
Paint - Complete	(incl. clean & coat)		SFT	\$20.00/SFT	
Paint - Partial / Spot / Zone	(incl. clean & coat - \$20k minimum)		SFT	\$40.00/SFT	
PCI Beam End Blockout	(incl. temporary supports)		EA	\$7,200.00/EA	
Pin & Hanger Replacement	(incl. temporary supports)		EA	\$7,000.00/EA	
Structural Steel Repair	(based on 6ft length; for stiffeners use \$1,200 ea)		EA	\$3,000.00/EA	
SUBSTRUCTURE REPAIR					
Substructure Patching	(measured x 2) replace if repair area > 30%		CFT	\$260.00/CFT	
Substructure Replacement	(incl. temporary supports, excavation)		CFT	\$140.00/CFT	
Substructure Horizontal Surface Sealer			SYD	\$35.00/SYD	
Temporary Supports	(add \$1,200 for ea steel beam - stiffeners)		EA	\$2,000.00/EA	
MISCELLANEOUS					
Articulating Concrete Block System (ACB)			SYD	\$200.00/SYD	
Concrete Surface Coating			SYD	\$24.00/SYD	
Culvert Cleanout			FT	\$30.00/FT	
Epoxy Crack Injection	(structural crack repair)		FT	\$40.00/FT	
Metal Mesh Panels	(48" width, max 6'-6" length)		SFT	\$15.00/SFT	
Pressure Relief Joint	(use when approach concrete roadway exceeds 1,000ft)		FT	\$100.00/FT	
Riprap	(assume 10ft distance around perimeter of substructure)		SYD	\$160.00/SYD	
Silane Treatment	(penetrating sealer for concrete surfaces)		SFT	\$3.50/SFT	
Slope Protection Repairs			SYD	\$100.00/SYD	
Other					

STRUCTURE CONSTRUCTION BUDGET \$0

ROAD WORK					
Approach Pavement, 12" RC	(incl. removal; add curb, gutter, guardrail) 20' ea. end		SYD	\$175.00/SYD	
Approach Curb & Gutter	(incl. removal) 20' ea. quadrant		FT	\$54.00/FT	
Guardrail Anchorage to Bridge	(each quadrant)		EA	\$1,500.00/EA	
Guardrail	(incl. removal) < 200ft beyond reference line		FT	\$22.00/FT	
Guardrail Terminal	(each quadrant)		EA	\$2,200.00/EA	
Roadway Approach Work	(beyond approach pavement)		LSUM		LSUM
Utilities			LSUM		LSUM
TRAFFIC CONTROL <small>Unit Cost to be determined by Region or TSC Traffic & Safety</small>					
Part Width Construction			LSUM		LSUM
Crossovers			EA	\$300,000.00/EA	
Temporary Traffic Signals			set	\$25,000.00/set	
RR Flagging			LSUM		LSUM
Detour			LSUM		LSUM

RELATED ROAD/TRAFFIC CONSTRUCTION BUDGET \$0

CONTINGENCY	(10% - 20%) (use higher contingency for small projects)	10	%	\$0.00	\$0
MOBILIZATION	(estimate at 10%)	10	%	\$0.00	\$0
INFLATION	(assume 3% per year, beginning in 2020)	0	%	\$0.00	\$0

(Does not include PE or CE)

TOTAL CONSTRUCTION BUDGET \$0

ROBERT JOHNSON – 732-9089
CHAIRPERSON
ROBERT PLUMB – 635-4359
VICE-CHAIRPERSON
TOD SORENSSEN – 640-2000
TREASURER

TRUSTEES
BILL BAIN – 659-0001

PAULETTE JOHNSON
JOHN GILBERT – 635-9762
JOHN WHITESIDE

MEMORANDUM

TO: Members of the Technical Advisory Committee

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

DATE: March 7, 2019

SUBJECT: Community Infrastructure Fund – Category B

On December 26, 2018, the Governor signed Public Act 473 of 2018, establishing the Community Infrastructure Fund (CIF). The new law amends the act that established the Transportation Economic Development Fund (TEDF) to include the CIF as a new category of TEDF funding known as “TEDF, Category B.” The act provides \$3 million per year through Fiscal Year (FY) 2023 to be allocated **for road improvements in cities and villages with a population of 10,000 or fewer.**

The follow guidelines apply:

- Eligible project type: Reconstruction, replacement, rehabilitation or capital preventative maintenance of city or village streets.
- Maximum grant: The maximum annual grant is \$250,000.
- Minimum match: 50/50—the requested grant amount must be matched at least equally by the requesting agency.
- Geographic distribution will be used as one of the criteria for grant selection, and eligible agencies may apply for a grant in consecutive fiscal years.
- Grant applications for roadwork associated with other infrastructure projects, such as water and sewer projects, will be given additional consideration during review. However, the costs associated with the other infrastructure work are not eligible for Category B funding.
- Applications for projects that are multi-jurisdictional in nature, even if the other jurisdiction is not using, nor is eligible for Category B funding, will be given extra consideration during review.
- Applications for projects on roadways that are not eligible for funding through the Federal Highway Administration or TEDF Category D, will be given additional consideration.

- Finally, for this round, additional consideration will be given to applications for projects that can be completed by the end of the 2019 construction season. If a grant is awarded on that basis and not started by a date allowing for completion during 2019, the grant may be rescinded.

In order to allow for grant recipients to better plan for projects associated with a grant, applications are now being accepted for FY 2019 and FY 2020. Any grant approved for FY 2020 funding will be awarded contingent on continued appropriations by the legislature. Only one application will be accepted per agency, but you may include up to five separate roadways on the application. The total request may not exceed \$250,000.

Category B application instructions and form may be found at www.michigan.gov/TEDF.

Applications must be received by Friday, April 5, 2019 to be considered for funding.

VC

ROBERT JOHNSON – 732-9089
CHAIRPERSON
ROBERT PLUMB – 635-4359
VICE-CHAIRPERSON
TOD SORENSEN – 640-2000
TREASURER

TRUSTEES
BILL BAIN – 659-0001

PAULETTE JOHNSON
JOHN GILBERT – 635-9762
JOHN WHITESIDE

MEMORANDUM

TO: Members of the Technical Advisory Committee

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

DATE: March 7, 2019

SUBJECT: **2019 Iron Belle Trail Grant Opportunity**

The Michigan Department of Natural Resources (DNR) has announced another round of mini-grants for communities located along Michigan's Iron Belle Trail route. Eligible expenses include costs associated with engineering, construction, signage, land acquisition, marketing materials, trail group capacity needs, and trailhead amenities.

The maximum request for these grants will be \$50,000, and project proposals are due March 15th. A copy of the 1-page application is attached. All of the grant information and a fillable PDF application is posted on www.michigan.gov/ironbelle.

Should you have any questions regarding the grant opportunity, please feel free to contact me at jmaurer@co.genesee.mi.us or (810) 766-6565.

V D



Michigan's Iron Belle Trail
**2019 IRON BELLE
 PROJECT PROPOSAL**
DUE DATE: March 15, 2019



THIS IS A REIMBURSEMENT GRANT PROGRAM

MICHIGAN'S IRON BELLE TRAIL FUNDING CRITERIA:

- All projects will meet Americans with Disabilities Act access requirements
- All projects on the bicycle route will use AASHTO design standards (Reduced width may be allowed on a case by case basis)
- Applicants/Co-Applicants are **units of government**, established **trail authority**, or eligible **non-profit** on the trail
- Trail segment is on the proposed trail route (Iron Belle Map: www.michigan.gov/ironbelle)
- Applicants will have site control (after planning, if route is being determined) and will be the manager of the trail segment
- Maximum ask: \$50,000
- Successful applicants will be asked to obtain a SIGMA vendor ID number

ELIGIBLE SCOPE ITEMS: Engineering/Design Assistance, Development Costs and Trail Signage, Trail Marketing, Capacity

Applicant Organization/Co-Applicants: _____

Applicant Address: _____

Project Contact: _____ **Phone #:** _____ **E-mail:** _____

SIGMA Vendor ID (If already registered) #: _____ **Federal ID #:** _____

PROJECT LOCATION (Attach Project Location Map):

County: _____ **Township:** _____

Description of Project Location (cross streets, etc.): _____

PROJECT NAME and TYPE (design/construction/signage): _____

Provide a brief description of the project being proposed (attach additional sheets if necessary):

PROJECT SITE CONTROL:

Applicants Interest in the project site is/will be: Fee Simple Easement Lease Agreement

Other- Describe: _____

PROJECT COST ESTIMATE:

Project Element	Cost	Project Element	Cost
_____	_____	_____	_____
_____	_____	_____	_____

TOTAL PROJECT COST _____ **IRON BELLE GRANT AMOUNT REQUESTED** _____

PROJECT MATCH: _____ / _____ **SOURCE:** _____

(Funds, In-kind services (type/value))

Return completed form and project map to:

Dakota Hewlett
hewlettd@michigan.gov
 517-284-6082

<p>DNR OFFICE USE ONLY: Date Received _____ Community MOU on file _____ Received Funding in the Past _____</p>
