



## CARTS TECHNICAL COMMITTEE PROPOSED MEETING MINUTES

July 10, 2018 (Tuesday) at 8:30 a.m.  
Capital Area Airport; Lansing, MI

- I. **Call to Order/Introductions**  
Ch/Armentrout called the meeting to order at 8:30 a.m.
- II. **Approval of Agenda**  
It was **MOVED** by C. Mumby, **SUPPORTED** by D. Pohl, to approve the agenda as printed. **MOTION CARRIED UNANIMOUSLY.**
- III. **Approval of Minutes**  
It was **MOVED** by C. Mumby, **SUPPORTED** by J. Vrabel, to approve the meeting minutes from May 10, 2018. **MOTION CARRIED UNANIMOUSLY.**
- IV. **Opportunity for Public Comment**  
There was no public comment.
- V. **Proposed Transportation Improvement Program FY 2017-FY 2020 Amendments**
  - A. MDOT  
MDOT is wishing to add more funding to a project and move a project out of the fiscal years of the TIP.  
  
**It was MOVED by M. Hannahs, SUPPORTED by J. Vrabel, to recommend the proposed MDOT amendment requests as outlined in the FY 2017- FY 2020 TIP Revision #26 Memorandum, dated June 20, 2018 to the TCRPC Board of Commissioners. MOTION CARRIED UNANIMOUSLY.**
  - B. ICRD- Okemos Road/Waverly Road  
Ingham County Road Department is wishing to apply all the funding from its Okemos Road Project to its Waverly Road Project. The Okemos Road project will most likely be delayed to an Environmental Assessment. The Waverly Road project scope has changed to be a reconstruction.  
  
**It was MOVED by B. Peterson, SUPPORTED by M. Hannahs, to recommend the proposed amendment request as outlined in the FY 2017- FY 2020 TIP Revision #24 Memorandum, dated June 15, 2018 to the TCRPC Board of Commissioners. MOTION CARRIED UNANIMOUSLY.**
  - C. ICRD- Lake Lansing Road/Hagadorn Road  
To capture bid savings, Ingham County Road Department is wishing to add Hagadorn Rd. resurfacing to the its Lake Lansing Road Project. Hagadorn Rd. is not federal aid eligible and all of the cost for the Hagadorn Road Project will be paid for by local funding. This requires a federal amendment due to the increase in total project cost.

**It was MOVED by B. Peterson, SUPPORTED by J. Vrabel, to recommend the proposed amendment request as outlined in the FY 2017- FY 2020 TIP Revision #30 Memorandum, dated July 2, 2018 to the TCRPC Board of Commissioners. MOTION CARRIED UNANIMOUSLY**

**D. CATA**

In order to spend the funding, the project must be in a current year of the TIP. CATA is requesting that the projects be added to FY 2018, noting that these are not new projects and only the unspent allocations will be included in the TIP. CATA is undergo a procurement process for bus purchases and believes that this will help the funding to be spent in its allocation year in the future. CATA noted that the scope has changed to purchase clean diesel buses, instead of hybrid buses. CATA is reviewing its "State of Good Repair." Many buses are beyond their useful life. To purchase more buses, CATA is opting to purchase clean diesel buses.

**It was MOVED by B. Peterson, SUPPORTED by C. Mumby, to recommend the proposed amendments requests as outlined in the FY 2017- FY 2020 TIP Revision #29 Memorandum, dated July 2, 2018 to the TCRPC Board of Commissioners, contingent that it is approved by CATA's Board. MOTION CARRIED UNANIMOUSLY.**

**E. Clinton Transit and EATRAN**

Clinton Transit and EATRAN are seeking to make changes in the TIP to match the grant funding allocations they received.

**It was MOVED by D. Pohl, SUPPORTED by J. Vrabel, to recommend the proposed amendment requests as outlined in the FY 2017-2020 TIP Revision #27 Memorandum, dated June 15, 2018 to the TCRPC Board of Commissioners. MOTION CARRIED UNANIMOUSLY.**

**F. Administrative Modifications (informational only)**

There were no questions regarding the Administrative Modifications.

**VI. TCRPC Adopted Committee Structure**

Interim Executive Director Snell reviewed the handout and stated that the objective of the restructuring is to increase interaction between the Commissioners, the committees, and staff. The former Transportation Review Committee Chair, Ken Fletcher, will report transportation information to the TCRPC Board of Commissioners. Interim Executive Director Snell also reviewed the newly adopted TCRPC staff organizational chart. The chief transportation planner has been assigned as Deputy Director over all programming areas at TCRPC.

**VII. Election of CARTS Chair and Vice-Chair**

Chair Armentrout opened nominations for CARTS Chair and Vice-Chair. B. Peterson and C. Mumby moved and supported that Dan Armentrout remain CARTS Chair and Scott House remain Vice-Chair.

**It was MOVED by B. Peterson, SUPPORTED by J. Vrabel, to close nominations and to nominate Dan Armentrout, Chair and Scott House, Vice-Chair. MOTION CARRIED UNANIMOUSLY.**

**VIII. 2045 Regional Metropolitan Transportation Plan (MTP) and FY 2020-2023 Transportation Improvement Program (TIP) Development**

J. Snell reviewed the 2045 MTP and FY 2020 – FY 2023 Development schedule with the Committee, pointing out key dates and deadlines. Due to air quality, the TIP Development schedule was moved forward.

**IX. Other Business**

A. Local Agency Reports

Local Agencies reported the status of the FY 2018 projects.

B. FY 2018 Project Obligation Status

Our MPO is currently still waiting to have projects obligated. The state has run out of obligation authority. Local agencies are encouraged to keep moving forward so projects are ready for August redistribution of funds.

C. FY 2019 Projects

A reminder that the next proposed TIP amendments are due to TCRPC on August 18<sup>th</sup>. There have been requests for projects to move funding years. It would be best to have all request and a meeting with local agencies that are willing to exchange funds or funding years. A meeting poll will be distributed.

D. 2045 MTP Public Engagement Meetings Schedule

The scheduled August 22<sup>nd</sup> Meeting in Mason, MI has been moved to August 29<sup>th</sup> to accommodate the August TCRPC Commission meeting and Executive Director hiring process.

**X. Adjourn**

**Being no further business, the meeting adjourned at 9:29 a.m.**

## 2018 CARTS Attendance

MEMBERS	REPRESENTATIVE	1/9	2/6	3/6	4/3	5/1	6/5	7/10	8/7	9/5	10/2	11/6	12/4
Bath Township	Shorkey	D	D	D		D	C	D					
	Wietecha	A											
Capital Area Transit Authority	Funkhouser	D1				D2	C	D2					
	Arcuicci	D2	D2	D2	D2	A1							
	Hartigan	A1	A1	A1	A1		C	A1					
	White	A2											
Capital Regional Airport Authority	Sieloff	D	A	A		A	C	D					
	Vrabel	A											
City of Dewitt	Coss	D	A	A		D	C	A					
	Miller	A											
City of East Lansing Community Development	McPherson	D	A	A	A	A	C	A					
	Roach	A											
City of East Lansing Public Works	House	D											
	Scheuerman	A1	D	D	D	D	C	D					
	Lacasse	A2											
City of Grand Ledge	Smith	D					C						
	LaHaie	A											
City of Lansing	Kilpatrick	D		D	D	D	C	D					
	Rieske	A											
City of Lansing	Johnson	D		D	D	D	C	D					
	Danke	A											
City of Lansing	Whisler	D	D		D	D	C	D					
	Craigmile	A											
City of Lansing	Mumby	D	D	D	D	D	C	D					
	Parry	A											
City of Mason	Hude	D											
	Heck	A1	D	D	D	D	C	D					
	Baker	A2											
Clinton Area Transit	Benson	D	D	A	A	A	C						
	Gorby	A											
Clinton County Board of Commissioners	Pohl	D	D	D	D	D	C	D					
	Riley	A											
Clinton County Road Commission	Armentrout	D	D	D	D	D	C	D					
	Pulver	A											
Delta Charter Twp. Engineering Dept.	Reed	D	D		A	D	C	A					
	West	A											
Delhi Charter Twp. Public Service	Miller	D	D			D	C						
	Elsinga	A											
DeWitt Charter Twp.	Niewiadomski	D					C						
	Taylor	A											
Dimondale- Village of	Gallagher	D	D	D	D	D	C	D					
	Hilliard	A											

MEMBERS	REPRESENTATIVE		1/9	2/6	3/6	4/3	5/1	6/5	7/11	8/7	9/5	10/2	11/6	12/4
Eaton County Area Transit	Webb	D												
	Martin	A	D	D	D		D	C						
Eaton County Board of Commissioners	Williams	D1	D1		D1	D1	D1	C						
	Barnes	D					D	C						
	Ballou	A												
Eaton County Road Commission	Hannahs	D	D	D	D	D	D	C	D					
	Ballou	A												
Ingham County Board of Commissioners	Cypher	D	D	D			D	C						
	Case Naeyaert	A												
Ingham County Road Department	Conklin	D	A	A	A	A	A	C						
	Peterson	A												
Lansing Charter Twp.	Hayes	D						C						
	Schultz	A												
Meridian Charter Twp. Planning Dept.	Keiselbach	D	D				D	C						
	Oranchak	A												
Meridian Charter Twp. Public Works	Ishtaidi	D		D			D	C	D					
	Perry	A												
MDOT -TSC	Spare	D	D	D	D	D	D	C	D					
	Thompson	A												
MDOT- CCFC Sec	Doyle	D	D	D	D	D	D	C	D					
	none	A												
MDOT University Region	Martin	D	A	D	A	A	A	C						
	Davis	A												
MSU Campus Park & Planning	O'Donnell	D					D	C						
	Kacos	A												
FAA District Office (non-voting)	Vacant	D						C						
FHWA- Division Office Region V (non-voting)	Dewey	D						C						
	Pickard	A1												
TCRPC (non-voting)	Chief Planner Snell	D	D	D	D	D	D	C	D					
		A1												
Total Voting Membership			25	23	24	19	29							
Total Membership Present			26	24	25	20	30							

Others Present:

1/9/18: Christine Barnes, Eaton County; Ken Baker, Tom Silsby, City of Mason; Robert Maffeo, MDOT Planning; Nate Granger, Foth; Will Thompson, MDOT Lansing TSC; Roger Marks, C2AE- Eaton Rapids

2/6/18: Ken Baker, City of Mason; Roger Marks, C2AE- Eaton Rapids; Al Kaltenthaler, C2AE; Gary Bozek, Delta Township

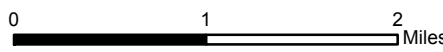
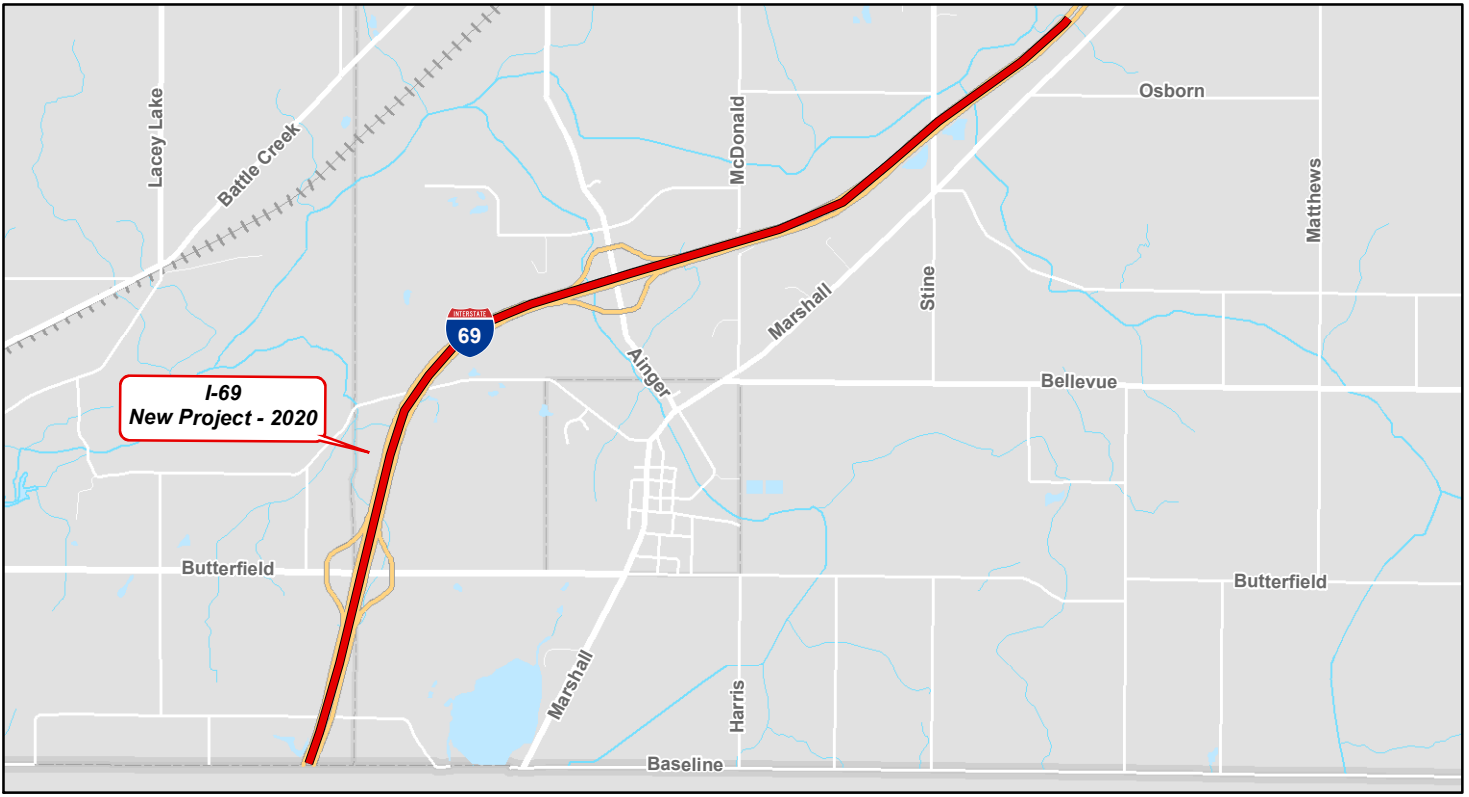
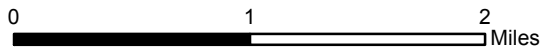
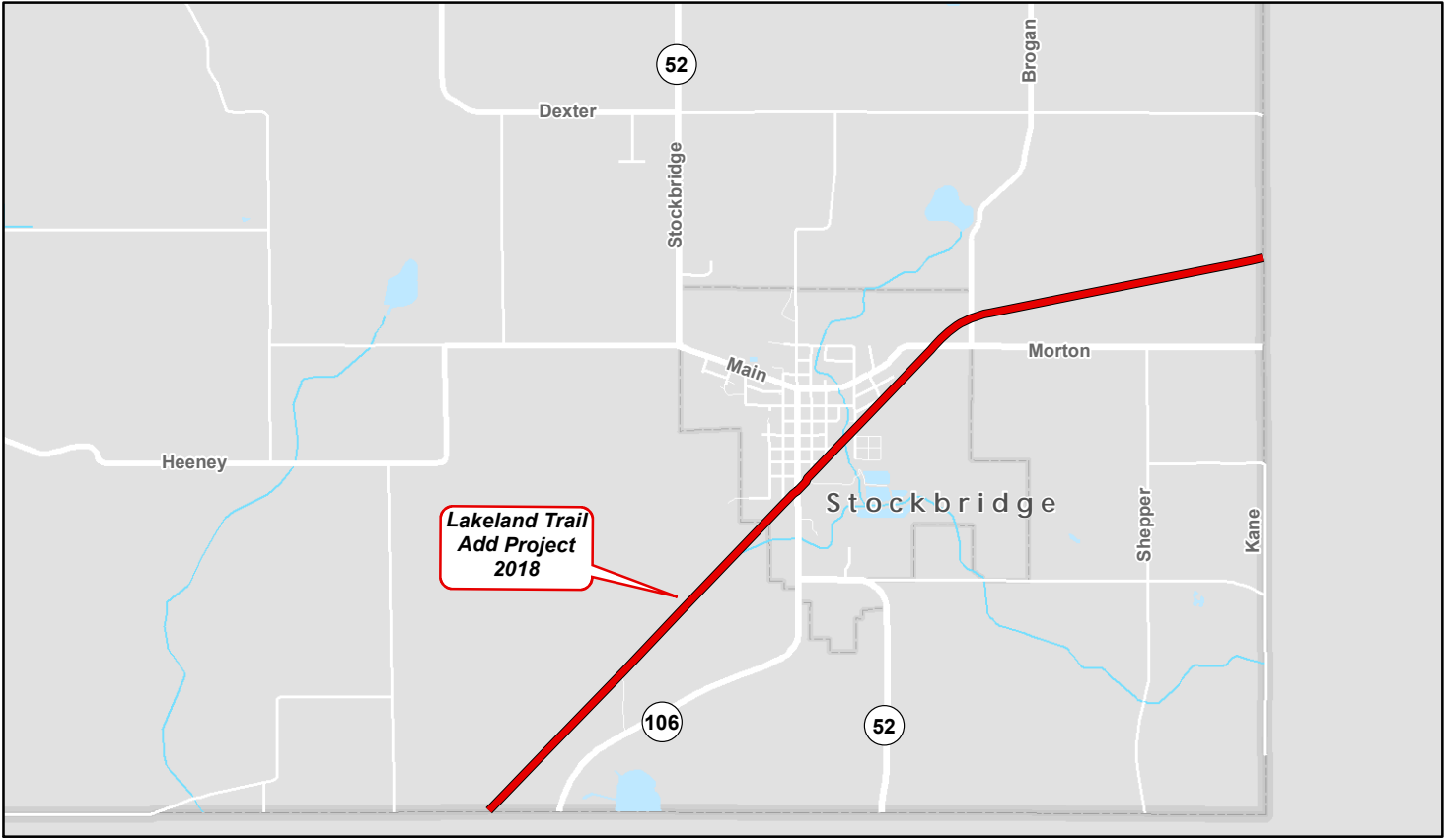
3/6/18: Christine Barnes, Eaton County Board of Commissioners, EATRAN; Gail Watkins, Clinton County Board of Commissioners; Robert Maffeo, MDOT; Noelle Tobias, Delhi Township; Amy Gilson, City of Charlotte; Scott DeVries, City of Williamston; Kevin McDewitt, Mannik & Smith Group; Al Kaltenthaler, C2AE;

4/3/18: Christine Barnes, Eaton County Board of Commissioners, EATRAN; Gail Watkins, Clinton County Board of Commissioners; Joe Pulver, Clinton County Road Commission; Robert Maffeo, MDOT; Noelle Tobias, Delhi Township; Amy Gilson, City of Charlotte; Gary Bozek, Delta Township; James Gallagher, Village of Dimondale, Nate Granger, Foth; Roger Marks, C2AE

5/1/18: Christine Barnes, Eaton County Board of Commissioners, EATRAN; Gail Watkins, Clinton County Board of Commissioners; Joe Pulver, Clinton County Road Commission; Robert Maffeo, MDOT; Amy Gilson, City of Charlotte; Scott DeVries, City of Williamston; James Gallagher, Village of Dimondale, Nate Granger, Foth; Roger Marks, C2AE; Patrick Eldridge, WSP; Michelle Weber-Currie, Maria Habba MDOT OPT; Pam Blazo, MDOT.

7/10/18: Gail Watkins, Clinton County Board of Commissioners; Joe Pulver, Clinton County Road Commission; Scott DeVries, City of Williamston; Wayne Sieloff, Capital Region Airport Authority; Al Kaltenthaler, C2AE; Victor Rose, City of Grand Ledge

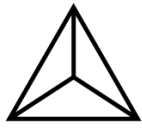
# Proposed MDOT TIP Amendments September 2018



## Recommended Amendments

—— Added Project





**TRI-COUNTY REGIONAL  
PLANNING COMMISSION**

Planning Mid-Michigan's Future Together Since 1956

3135 Pine Tree Road, Suite 2C, Lansing, Michigan 48911  
Toll Free: 1.800.619.6676 Phone: 517.393.0342 Fax: 517.393.4424  
Web: [www.mitcrpc.org](http://www.mitcrpc.org) Email: [reception@mitcrpc.org](mailto:reception@mitcrpc.org)  
[Facebook.com/TriCountyPlanning](https://www.facebook.com/TriCountyPlanning)

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## MEMORANDUM

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To: CARTS Members and TCRPC Board of Commissioners  
From: Andrea Strach, TIP Coordinator  
Date: July 26, 2018  
Re: FY 2017-2020 TIP Revision #38 MDOT September **Action Requested**

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The Michigan Department of Transportation has proposed the following TIP Amendments. Many of the TIP amendments are part of the reconciliation process of Phase II of JobNet going live.

**Recommended action:** Recommend/Approve the following proposed Amendments to the FY 2017 – FY 2020 TIP.

**MDOT SEPTEMBER 2018 AMENDMENTS**

	Fiscal Year	Job no.	Phase	County	Project Name	Limits	Length	Project Description	Federal Budget	Federal Fund Source	State Budget	Total Phase Cost	General Program Account	Total Project Cost	Amendment Type
1	2018	200085*	CON	Ingham	M-99 N	M-99 between Lenore Ave & Edward St.	0.351	CSO being constructed under permit, City of Lansing Contract, MDOT oversight	\$0		\$0	\$20,000	Not Applicable	\$20,000	New Project
2	2018	202877*	OPS	Eaton	Ricks Dr	C&T Building	0	Fiber Management Softward	\$245,550	NH	\$54,450	\$300,000	Trunkline Traffic Operations And Safety	\$300,000	New Project
3	2018	202999	CON	Barry, Calhoun, Eaton	M-78 & M-89	M-78 in Eaton County	4.62 <b>6.984</b>	Milling & One Course Asphalt Overlay	\$0		\$600,000	\$1,750,000	Not Applicable	\$1,765,000	Limits and Budget Changed
4	2018	202633	EPE	Ingham	M-106	Stockbridge, MI	0.159	Resurfacing 2.3 miles Lakelands Trail/Iron Belle hiking/Great Lake to Lake	\$50,000	NRT	\$0	\$50,000	Trunkline Livability and Sustainability	\$50,000	New Project
5	2018	203099	EPE	Ingham	Conn 496 E	Statewide	0.314	Trails planning and scoping	\$100,000	NRT	\$0	\$100,000	Trunkline Scoping, Studies, and Training	\$100,000	New Project
6	2019	120416*	CON	Clinton	I-BL-69	from west of Marsh Rd to east of Old M-78	0.453	Intersection improvements at Marsh Rd and Old M-78	\$1,272,768	CM	\$282,233	\$1,555,000	Not Applicable	\$1,710,000	New Project
7	2019	201164*	CON	Clinton	Various	TSC Wide (Clinton, Eaton, Ingham Counties)	0	Crack Treatment	\$384,695	ST	\$85,305	\$469,999	Not Applicable	\$499,999	New Project
8	2019	201172*	CON	Clinton	US-127	M-21 to US-127 BL	4.871	Full Depth Concrete Pavement Repair	\$1,152,407	NH	\$255,543	\$1,407,950	Trunkline Road	\$1,475,000	New Project
9	2019	203028	CON	Jackson, Clinton, Livingston	University Regionwide Longitudinal Pavement Markings	Regionwide	0	Application of longitudinal pavement markings	\$805,500	HSIP	\$89,500	\$2,685,000	Not Applicable	\$2,687,500	New Project
10	2019	203029	CON	Jackson, Clinton, Livingston	University Regionwide Special Pavement Markings	Regionwide	0	Application of special pavement markings	\$138,000	HSIP	\$15,333	\$460,000	Not Applicable	\$465,000	New Project
11	2019	203515	CON	Jackson, Livingston, Clinton	Regionwide pvmt mrkg retro readings	Regionwide	0	Pavement marking retroreflectivity readings and condition assessment	\$4,200	HSIP	\$467	\$14,000	Not Applicable	\$14,000	New Project
12	2019	203028	PE	Jackson, Clinton, Livingston	University Regionwide Longitudinal Pavement	Regionwide	0	Application of longitudinal pavement markings	\$750	HSIP	\$83	\$2,500	Not Applicable	\$2,687,500	New Project

EPE- Early Preliminary Engineering  
PE- Preliminary Engineering  
CON- Construction

\* Part of the JobNet TIP Reconciliation



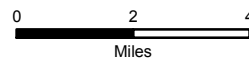
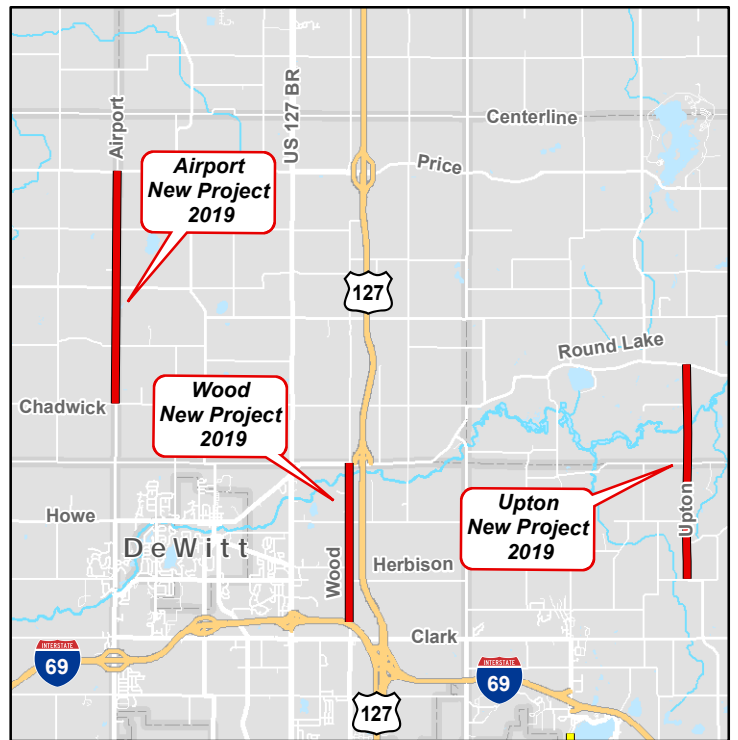
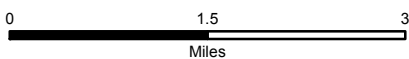
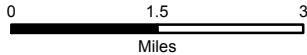
**MDOT SEPTEMBER 2018 AMENDMENTS**

	Fiscal Year	Job no.	Phase	County	Project Name	Limits	Length	Project Description	Federal Budget	Federal Fund Source	State Budget	Total Phase Cost	General Program Account	Total Project Cost	Amendment Type
13	2019	203029	PE	Jackson, Clinton, Livingston	University Regionwide Special Pavement Markings	Regionwide	0	Application of special pavement markings	\$1,500	HSIP	\$167	\$5,000	Not Applicable	\$465,000	New Project
14	2020	130049*	CON	Eaton, Calhoun	I-69	I-69 South of the Calhoun/ Eaton Co Line to M-50	15.04	Major Rehabilitation	\$18,051,003	IM	\$2,005,667	\$40,113,340	Not Applicable	\$43,760,000	Increased Cost
15	2020	201071*	CON	Ingham	I-96BL	N MLK to Center St	1.134	1.5 Mill and Overlay with ADA Ramp Upgrades	\$885,990	NH	\$196,465	\$1,082,455	Trunkline Road	\$1,134,000	New Project
16	2020	130049	CON	Eaton	I-69	Calhoun/Eaton Co Line to the Page Drain	6.039	Major Rehabilitation	\$36,102,006	IM	\$4,011,334	\$40,113,340	Not Applicable	\$43,760,000	Limits changed

EPE- Early Preliminary Engineering  
 PE- Preliminary Engineering  
 CON- Construction

\* Part of the JobNet TIP Reconciliation

# Proposed TIP Amendments September 2018



## Recommended Amendments

- Added Project
- Cost/Scope Change
- Deleted Project



## MEMORANDUM

To: CARTS Members and TCRPC Board of Commissioners  
 From: Andrea Strach, TIP Coordinator  
 Date: August 14, 2018  
 Re: FY 2017-2020 TIP Revision #32- Rural Task Force 6 TIP Amendments-  
**Action Requested**

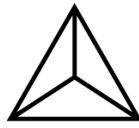
Please see below for Rural Task Force 6 TIP Amendment details.

Year	County/ Responsible Agency	Project Name /Project Description	Limits	Len.	Federal Cost/ Funding Source	State D	Local Cost	Total Cost	Job Number
2019	Eaton County	Misc. HMA Overlay Battle Creek Road	Five Point Road to Carlisle Road	5.0	\$1,228,342		\$267,421	<del>\$1,535,427</del>	130123
	ECRC	Joint repair, HMA overlay, and shoulder paving		4.0	STL			\$276,237	
<b>Comments:</b> Eaton County has identified their FY 2019 Rural Project as Battle Creek Road. Please see below for details.									
2019	Clinton County CCRC	Airport Road Chip Seal	Chadwick Road to Price Road	4.0	\$0 STL		\$93,000	\$93,000	
<b>Comments:</b> Clinton County Road Commission plans on purchasing Rural Task Force Funds from another Task Force Agency to complete this project. Once the funds are secured, the Federal Cost will be increased while the Local cost will decrease. This will be a new project added to the FY 2017-2020 TIP.									
2019	Clinton County CCRC	Upton Road Chip Seal	Herbison Road to Round Lake	4.0	\$0 STL		\$93,000	\$93,000	
<b>Comments:</b> Clinton County Road Commission plans on purchasing Rural Task Force Funds from another Task Force Agency to complete this project. Once the funds are secured, the Federal Cost will be increased while the Local cost will decrease. This will be a new project added to the FY 2017-2020 TIP.									
2019	Clinton County CCRC	Wood Road Chip Seal	I-69 to Round Lake	4.0	\$0 STL		\$93,000	\$93,000	
<b>Comments:</b> Clinton County Road Commission plans on purchasing Rural Task Force Funds from another Task Force Agency to complete this project. Once the funds are secured, the Federal Cost will be increased while the Local cost will decrease. This will be a new project added to the FY 2017-2020 TIP.									

**Recommended action:** Recommend/Approve Eaton County Road Commission's request to list Battle Creek Road as their STL FY 2019 project.

Recommend/Approve Clinton County Road Commission's request to add Airport Road, Upton Road, and Wood Road projects to the FY 2017 – FY 2020 TIP

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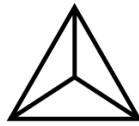
## MEMORANDUM

To: CARTS Members and TCRPC Board of Commissioners  
From: Andrea Strach, TIP Coordinator  
Date: July 26, 2018  
Re: FY 2017-2020 TIP Revision #37- Eaton County Road Commission September Amendments- **Action Requested**

The Eaton County Road Commission is requesting to change their FY 2019 Surface Transportation Program. Please details below.

Year/ Job Number	County/ Responsible Agency	Project Name/ Project Description	Limits	Len.	Federal Cost	Funding Source	State Cost	Total Cost
2019 (ACC) 129904	Eaton ECRC	<b>Canal Road</b> Overlay	Osborn to Northport	1.67	\$110,00	STU	\$0	\$110,000
<b>Comments:</b> ECRC was able to accomplish the scope of work with less funds. The Advance Construct Conversion funding is no longer needed. ECRC would like to apply the funding to their Mall Drive West Project.								
2019 133095	Eaton ECRC	<b>Elmwood</b> Mill and resurface with necessary base repairs	Michigan to M-43	0.5	\$130,436	STU	\$47,000	\$170,436
<b>Comments:</b> ECRC already completed the project with County Commission Funds in FY 2018. They request this project be deleted from the TIP and apply the funding to their Mall Drive West Project.								
2019 133078	Eaton ECRC	<b>Mall Street West</b> Overlay HMA Removal, base stabilization, curb repairs, drainage improvements, HMA overlay	M-43 to Elmwood	0.75	<del>\$130,436</del> \$413,436	STU	<del>\$40,000</del> \$119,014	<del>\$170,436</del> \$517,436
<b>Comments:</b> ECRC already would like to change the scope of work for this project and the federal, local, and total funding.								

**Recommended action:** Recommend/Approve the above proposed Amendments to the FY 2017 – FY 2020 TIP.



## MEMORANDUM

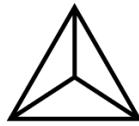
To: CARTS Members and TCRPC Board of Commissioners  
From: Andrea Strach, TIP Coordinator  
Date: August 26, 2018  
Re: FY 2017-2020 TIP Revision #36- City of Lansing September Amendments-  
**Action Requested**

The City of Lansing is requesting to change their FY 2019 and FY 2020 Surface Transportation Program. Please details below.

Year/ Job Number	County/ Responsible Agency	Project Name/ Project Description	Limits	Len.	Federal Cost	Funding Source	State Cost	Total Cost
2019  201709	Ingham  City of Lansing	<del>Kalamazoo Street</del>  <b>Turner Street</b>  Mill and resurface with necessary base repairs	<del>Holmes to Shepard</del>  Douglas to Randolph	<del>0.35</del>  0.32	  \$417,502	  STU	  \$104,378	  \$521,880
<b>Comments:</b> The City of Lansing is requesting to remove their Kalamazoo Project from the TIP and replace it with Turner Street. All funding remains the same.								
2020  202877	Ingham  City of Lansing	<b>Capitol Ave</b>  Mill and resurface with necessary base repairs	Michigan to St. Joseph	0.5	\$102,496	STU	\$25,624	\$102,496.00
<b>Comments:</b> The City of Lansing is requesting to remove their Capitol Ave. project form the TIP and use the funding for other projects.								
2020	Ingham  City of Lansing	<b>Capitol Ave</b>  Mill and resurface with necessary base repairs	Saginaw to Michigan	0.5	\$476,054	STU	\$119,014	\$476,054.00
<b>Comments:</b> The City of Lansing is requesting to remove their Capitol Ave. project form the TIP and use the funding for other projects.								
2020  129981	Ingham  City of Lansing	<b>Holmes Road</b>  Reconstruct	Pleasant Grove to Deerfield	0.49	\$920,000	STU	\$230,000	\$1,150,000
<b>Comments:</b> The City of Lansing is requesting to remove their Capitol Ave. project form the TIP and use the funding for other projects.								

Year/ Job Number	County/ Responsible Agency	Project Name /Project Description	Limits	Len.	Federal Cost	Funding Source	State Cost	Total Cost
2020 129981	Ingham City of Lansing	<b>Enterprise</b>  Mill and resurface with necessary base repairs  Reconstruct- Keep curb with spot replacements	Aurelius to Keystone	0.5	<del>\$360,000</del> \$528,000	STU	\$90,000 \$132,000	\$450,000 \$660,000
<b>Comments:</b> The City of Lansing is requesting to increase the costs and change the work scope.								
2020 129981	Ingham City of Lansing	<b>Aurelius Road</b>  Reconstruct - keep curb, with spot replacement	I496 bridge to Mt. Hope	0.88	\$812,000	STU	\$203,000	<del>\$2,700,00</del> \$2,664,096
<b>Comments:</b> The City of Lansing is requesting to add this project to the TIP.								
2020 201711	Ingham City of Lansing	<b>Delta River Drive</b>  Reconstruct - keep curb, with spot replacement	I-496 bridge to Mt. Hope	0.88	\$518,550	STU	\$129,000	\$880,000 Total FY 2020 \$648,188 FY 2021 185,450
<b>Comments:</b> The City of Lansing is requesting to add this project to the TIP								
2019 201708	Ingham County City of Lansing	<b>American Road</b>	Cedar to Armwood	.1	\$100,000	STU	\$25,000	\$125,000
<b>Comments:</b> The project is proposed to be deleted as part of the CMAQ/STU funding exchange with Ingham County Road Department in fiscal year 2018. See Memo #34 dated July 30, 2018.								

**Recommended action:** Recommend/Approve the above proposed Amendments to the FY 2017 – FY 2020 TIP.



## MEMORANDUM

To: CARTS Members and TCRPC Board of Commissioners  
From: Andrea Strach, TIP Coordinator  
Date: August 6, 2018  
Re: FY 2017-2020 TIP Revision #28- FY 2019 and FY 2020 CMAQ/TAU Funding exchange  
**Action Requested**

Local agencies have agreed to swap funding. Please see details below.

Year	County/ Responsible Agency	Project Name /Project Description	Limits	Len.	Federal Cost	Funding Source	Local Cost	Total Cost
2019	Clinton County	Saginaw Highway Path	South Clinton County line to Marsh Road		<del>\$130,424</del>	CM	\$45,196	\$175,620
	CCRC	Construct Pathway		\$204,625	\$45,375		\$250,000	
<b>Comments:</b> Due to the increase in total cost, a Federal Highway Administration amendment will be required. CCRC, Bath Township, and the City of Lansing have agreed to a funding exchange,								
2019	Ingham County	Bike Share	Areawide		\$85,904	CM	\$21,476	\$107,380
203617	City of Lansing	Construct Bike Lanes		\$11,703	\$2,340		\$14,043	
<b>Comments:</b> Due to the decrease in cost, a Federal Highway Administration amendment will be required.								
2020	Clinton County	Bath Township Path	Park Lake Outer Drive and Park Lake Road	2.5	\$78,804	TAU	\$2,621,196	\$2,700,000
	Bath Township	Construct Bike Lanes			\$4,603			\$2,625,800
<b>Comments:</b> Due to the decrease in cost, a Federal Highway Administration amendment will be required.								
2019	Ingham County	Bike Share	Areawide		\$71,201	TAU	\$17,088	\$88,289
203617	City of Lansing	Construct Bike Lanes						
<b>Comments:</b> Because this project has a new funding source, a Federal amendment is required								

**Recommended action:** Recommend/Approve the proposed FY 2017 – FY 2020 TIP amendments





## MEMORANDUM

To: CARTS Members and TCRPC Board of Commissioners  
From: Andrea Strach, TIP Coordinator  
Date: July 30, 2018  
Re: FY 2017-2020 TIP Revision #34- FY 2018 Congestion Mitigation Program Exchange  
***For Informational Purposes and request for Action***

Staff is recommended the following funding exchanges. The exchanges allow for programmed projects to keep moving forward and allocated funding to not be lost to the region.

Year	County/ Responsible Agency	Project Name/ Project Description	Limits	Len.	Federal Cost	Funding Source	Local Cost	Total Cost	Job Number
2018 ACC in 2019	Ingham County  ICRD	<b>Lake Lansing Road</b>  Signal Optimization	At Hagadorn and at Park Lake Intersections	0	<del>\$300,000</del> \$111,000 \$159,206 294,802	CM  STU TAU	\$75,000	<del>\$375,000</del> \$369,902	201837

**Comments:** This project was originally programmed as a Congestion Mitigation Project, but due to changes in eligibility requirements, it was suggested that it be funded with a different funding source. It will be reprogrammed in FY 2020 for \$111,000 in TAP funding. This project included the installation of bike lanes, making it TAP eligible. (Administrative Modification) ***Request to have action on the TAP portion of the project if needed.***

2018	Ingham County  City of Lansing	<b>Grand River</b>  Remove traffic signal and reconfigure intersection	At Washington	0.5	\$450,000 +\$111,000 \$561,000 Total CM Funding	CM	\$112,500 +\$27,900 \$140,400	<del>\$562,500</del> \$701,400	130093
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**Comments:** Ingham County Road Commission will apply \$111,000 of CMAQ funding to the City of Lansing's project. (Administrative Modification)

2018 2020	Ingham County  CATA	<b>Public Education</b>	Areawide	NA	\$159,206	CM	\$39,802 (State Cost)	\$199,008	130534
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**Comments:** CATA's project will move from FY 2020 to FY 2018. (Administrative Modification)

2020	Eaton County  Delta Township/ ECRC	<b>Old Lansing Rd. Bike Lanes</b>  Construct Bike Lanes	Lansing Rd to Mt. Hope Hwy	2.5	\$34,463 -\$29,000 \$5,463	CM			202535
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**Comments:** The rest of FY 2018 CMAQ allocation will be applied to this project's FY 2020 Advance Construct Conversion, reducing the FY 2020 Advance Construction Conversion. (Administrative Modification)

Year	County/ Responsible Agency	Project Name/ Project Description	Limits	Len.	Federal Cost	Funding Source	Local Cost	Total Cost	Job Number
2019 2020	Ingham County  ICRD	<b>Okemos Road</b>  Pedestrian Crossing	At Mt. Hope Road	0.1	\$320,000 <u>+\$29,000</u> \$349,000	CM	<del>\$80,000</del> \$87,250	\$400,000 \$436,250	203411
<b>Comments</b> ICRD will receive \$29,000 in funding that is now available in FY 2020, after the same amount was applied to the ECCRC/Delta Township Old Lansing Road Project in FY 2018. (Administrative Modification)									
2020  2019	Ingham County  City of Lansing	<b>Bear Lake Pathway</b>  Construct Pathway	Cavanaugh to Forest	0.5	\$516,323 <u>+\$159,206</u> \$675,529  \$259,800 <u>-\$159,206</u> \$100,594	CM  TAU	No Change in Total Funding	No Change in Total Funding	130507
<b>Comments:</b> The City of Lansing will Advance Constructing a portion of the TAP project in FY 2019 in the amount of \$159,206, with Conversion in FY 2020 (MPO Amendment)									
2019	Ingham County  City of Lansing	<b>American Road</b>  Resurface	Cedar to Armwood	0.1	\$100,000	STU	\$25,000	\$125,000	201708
<b>Comments:</b> The project will be deleted as part of the CMAQ/STU funding exchange with Ingham County Road Department in fiscal year 2018. (Project will be submitted for Federal Amendment)									



# TRI-COUNTY REGIONAL PLANNING COMMISSION

Planning Mid-Michigan's Future Together Since 1956

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## MEMORANDUM

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To: CARTS Members  
From: Andrea Strach, TIP Coordinator  
Date: August 26, 2018  
Re: FY 2017-2020 TIP Revision #39- Eaton County Transit- Operating Funds  
***Action Requested***

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EATRAN requested that the TIP be reflect the transit grant awards.

Year/ Job Number	County/ Responsible Agency	Project Name/ Project Description	Federal Cost	Funding Source	State Cost	Total Cost
2018	Eaton EATRAN	<b>Operating</b>	\$417,502	5311	\$0	<del>\$385,600</del> \$444,925