



Transportation Coordinating Committee

Members

PENNSYLVANIA DEPARTMENT OF TRANSPORTATION
LANCASTER COUNTY BOARD OF COMMISSIONERS
LANCASTER COUNTY PLANNING COMMISSION
CITY OF LANCASTER

SOUTH CENTRAL TRANSIT AUTHORITY
LANCASTER AIRPORT AUTHORITY
LANCASTER COUNTY TRANSPORTATION AUTHORITY
LANCASTER COUNTY LEGISLATORS

150 NORTH QUEEN STREET
SUITE 320
LANCASTER, PA 17603
PHONE: (717) 299-8333
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MEMORANDUM

TO: Transportation Technical Advisory Committee (TTAC)

FROM: Robert E. Bini, AICP
Director for Transportation Planning

DATE: August 5, 2019

SUBJECT: Next Meeting: Monday, August 12, 2019

The next TTAC meeting will be held on **Monday, August 12, 2019, at 12:00 p.m.**, in Conference Rooms 102/104, located at 150 North Queen Street, Lancaster, PA, 17603. Please use the Chestnut Street building entrance. Parking is available at the Prince Street Garage.

The enclosed agenda includes one action item: Minutes of June 24, 2019 and July 8, 2019 Meeting

The agenda also includes the following discussion item: TIP Revisions, Congestion Management Process Presentation, Environmental Justice Core Elements, Unified Planning Work Program Guidance, Transportation Improvement Program Guidance

The Lancaster County Transportation Metropolitan Planning Organization is committed to compliance with the nondiscrimination requirements of applicable civil rights statutes, executive orders, regulations, and policies. The meeting location is accessible to persons with disabilities. Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in this public meeting, please contact Robert Bini at 717-299-8333, or by email to Rbini@co.lancaster.pa.us, as soon as possible, but no later than 5 days before the scheduled event. Thank you.

BB/ar
Enclosures

**LANCASTER COUNTY
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)
MEETING AGENDA**

Date: August 12, 2019

Time: 12:00 p.m.

Place: Conference Rooms 102/104
150 North Queen Street, Lancaster, PA 17603

Order of Business:

1. Call to Order Chairman Glisson
2. Updates and Announcements PennDOT District 8-0
 - a. Major Projects Jeff Glisson
 - b. Transit Jen Crobak
 - c. Federal Highway Administration Bill Swiernik
 - d. Bike/Pedestrian Advisory Committee (BPAC) James Cowhey
 - e. Transportation Authority Matt Boyer
 - f. Commuter Services of PA Bob Bini
 - g. MTP Updates
3. Minutes of June 24, 2019 and July 8, 2019 Meeting (**Action**) Chairman Glisson
4. TIP Revisions Beth Raves
5. Environmental Justice Core Elements Jen Crobak/Adam Grimes
6. Congestion Management Process Update Dan Szekeres
7. Unified Planning Work Program Guidance Bob Bini
8. Transportation Improvement Program Guidance Bob Bini
9. Other Business & Public Participation
10. Next Meeting: **September 9, 12:00 p.m.**
11. Adjournment

**LANCASTER COUNTY
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)
MINUTES**

DATE: June 10, 2019
TIME: 12:00 P.M.
PLACE: 150 N. Queen St., Conference Rooms 102/104, Lancaster, PA 17603

MEMBERS PRESENT:

Jeff Glisson (Chair)	South Central Transit Authority
Alice Yoder (Vice Chair)	Lancaster County Planning Commission
Greg Paulson	Legislative Delegation
Roni Ryan	Lancaster County Planning Commission
Terry Martin	Lancaster County Planning Commission
Heather Valudes	Chamber of Commerce
Lisa Riggs	Business and Finance Community
Ralph Hutchison	Lancaster Inter-Municipal Committee
Cindy McCormick	City of Lancaster
Justin Evans	Lancaster County Planning Commission
Bill Swiernik	Bike/Ped. Advisory Committee
Beth Raves	PennDOT Central Office
Adam Grimes	PennDOT Central Office
Michelle Tarquino	PennDOT District 8-0
Austin Beiler	Lancaster Airport Authority

GUESTS:

Commissioner Dennis Stuckey	Board of County Commissioners
Joshua Sturges	PennDOT
Andrea Ebur	FHWA
Paul McNamee	KCI
Matt Boyer	Commuter Services
Neil Ward	Commuter Rail Association of Lancaster

STAFF:

James Cowhey	Executive Director
Robert Bini	Director for Transportation Planning
Lauri Ahlskog	Senior Transportation Planner
Kristiana Barr	Senior Transportation Planner
Gary Jones	Transportation Planner
Faith Gaddie	Administrative Secretary

Order of Business:

1. **Call to Order** -- Chairman Glisson called the meeting to order at 12:00 p.m.
2. **Updates and Announcements**

- a. **Major Projects** – Ms. Tarquino announced that ARLE (Automatic Red-Light Enforcement) awards were granted at the end of May. There were 38 municipalities across the state which were granted funds, including three in Lancaster County: City of Lancaster, and East Petersburg and Mount Joy Boroughs. These awards are budgeted under PennDOT’s discretionary funds, so they do not show on the Lancaster TIP. Ms. McCormick noted an article in LNP mentioning the ARLE award for the City, as well as funding for bump-outs on Christian Street. Ms. Tarquino will send a link to the ARLE page, which includes the full list of municipal awards. Ms. Yoder was interested in the process by which municipalities apply for and receive these awards in order to see if there is any advocacy that can be done by TTAC.
- b. **Transit** –Chairman Glisson distributed Rider Alert brochures detailing upcoming RRTA schedule changes. They will be presented at a public meeting on June 17th and approved at the Board of Directors’ meeting on June 19th. Changes include direct service to UPMC Pinnacle in Lititz, as well as direct service to Ephrata Hospital, and increased service on Sundays. Trolley service between Amtrak and downtown will not be eliminated, but is proposed to be retained for one year, with promotion by LCA and the Chamber in order to see if ridership will increase. The trolley buses will no longer be used on this route, so the name will be changed accordingly. Ms. Valudes provided an update on the Northeast vanpool program. There are currently 23 active riders. The route has been expanded to include more stops in the Southeast area of the city, based on rider feedback. Two thousand flyers have been distributed to city elementary schools to be sent home with students to increase awareness of the program. An additional 450 flyers are available to distribute to organizations that may be able to raise awareness among interested communities. New route will continue until the end of August. There continues to be a steady increase in ridership.
- c. **Federal Highway Administration** – Not present.
- d. **Bike/Pedestrian Advisory Committee (BPAC)** – Mr. Swiernik reported on the May 23rd BPAC meeting. There was a membership discussion that included the need for more diversity -- which could mean geographic, ethnic, riders who use bicycles out of necessity, etc. -- in membership, and the possibility of increasing membership number to nine; current membership is heavily loaded on a technical cycling element.

The committee also reviewed the ATP implementation chapter and discussed its role in ATP implementation, which they determined should be an advisory/communication/clearinghouse capacity, with other organizations taking on more of the advocacy roles. The membership began to try to prioritize elements of the implementation chapter for first-year action items but realized that they will need to narrow the focus even farther.

Mr. Swiernik also noted that the committee made recommendations on two projects: Lancaster Amtrak Parking and the Church Street resurfacing project. Recommendations for Lancaster Amtrak involved more attention to pedestrian

movements at conflict points with turning cars. Recommendations for Church Street were improvements of pedestrian crossings.

TTAC committee members had a discussion regarding the process for BPAC recommendations on projects, how they are disseminated, and how BPAC reports out on work they do in committee meetings, and responses they get on recommendations. Mr. Bini noted that BPAC recommendations are sent directly to PennDOT, and that there has been some success in getting pedestrian recommendations adopted on projects, but that it has been more difficult to get accommodation of bicycle recommendations, often due to timing of projects. In terms of reporting out of BPAC activities, Ms. Barr noted that BPAC agendas and minutes are uploaded to the planning commission's website like with TTAC or MPO. It was suggested that a quarterly item on the TTAC agenda specifically for a BPAC report on recommendations submitted and any outcomes from earlier recommendations, or a written report of outcomes submitted to TTAC to more formally close the loop on the process. It was also noted that BPAC has asked for more latitude in offering recommendations, an example being in recommending changes to an intersection located just beyond the physical boundaries of a project.

- e. **Transportation Authority** – Mr. Cowhey reported that the Master Agreement is set, pending PennDOT signature.
- f. **Commuter Services of PA** – Mr. Boyer reported that during the month of May – National Bike Month – Commuter Services had tables at several local employers, including Engle Printing and Eurofins Lancaster Laboratories to educate employees. June is Transit Month, so the organization will be promoting local transit. They are working with Lancaster's Amtrak station to promote Commute PA and have 32 additional people tracking their commutes.

Mr. Paulson asked whether Commuter Services is advocating to get Amtrak to allow bikes on trains on the Keystone line. The answer is that bikes aren't allowed because there is not enough space on the cars to allow for bike storage.

3. Minutes of May 13, 2019 Meeting (Action)

Ms. Valudes made a motion that minutes be accepted as written, and it was seconded by Ms. Tarquino. The motion passed unanimously.

4. Highway and Bridge TIP Revisions

Beth Raves

- a. **TIP Amendment (Action)** – Ms. Raves reviewed the Newport Road/Brunnerville Road intersection project in Warwick Township proposed for the FFY 2021 TIP. It

will involve widening lanes and adding culverts, with a construction total of \$847,833.

In response to questions, Ms. Ahlskog noted that the township would be covering pre-construction costs, and that they had been waiting for the project to be added to the TIP before beginning work the bulk of the work. The project is in initial design for turn lanes. Unsure if the project is within the UGA but will research.

Mr. Hutchison made a motion that TTAC recommends that the MPO add the Newport Road/Brunnerville Road Intersection Improvements project to the TIP in FFY2021 in the amount of 847,833, and it was seconded by Ms. Riggs. The motion passed unanimously.

- b. **TIP Administrative Modifications** – Ms. Raves highlighted the Race Street Crossing project in Conoy Township and the Holland Street Bridge Removal in East Hempfield Township.
- 5. **Transit TIP Amendments (Action)** -- Chairman Glisson reviewed six amendments on the Transit TIP, which included deleting funds for two projects (new paratransit vehicles and bus shelters) and reprogramming those funds for four additional projects (maintenance and finance software, Access to Jobs Program, and purchase of two supervisory vehicles).

Mr. Paulson made a motion that TTAC recommends that the MPO accept six amendments to the Transit TIP in FFY2019 in the amount of 847,833, and it was seconded Ms. Tarquino. The motion passed unanimously.

- 6. **Active Transportation Plan (ATP) Implementation Update** – Mr. Bini updated the committee on Active Transportation Plan implementation. He reviewed the three main elements involved in implementation: A permanent advisory committee, yearly action items for staff, and additional funding for projects. There will be the possibility of more frequent BPAC meetings, in addition to increasing membership numbers and diversity.

The plan for an advisory committee is to rebrand BPAC as an active transportation advisory committee, as well as to reach out to other organizations in realms that work on social justice, higher education, and other communities that would benefit from active transportation plan implementation. Much of the work of implementation would be beyond the scope of a volunteer committee, so there would be a core group of staff from county, city, and LIMC who would develop recommendations and serve as key points of contact, while the committee, with increased membership, would serve as a sounding board, in addition to its current mission.

After the discussion at the last BPAC meeting, the list of action items stands at over 30, which is too large a list to accomplish in a single year. Places2040

implementation teams – Complete Streets, Official Maps -- will be doing concurrent work that may assist in implementation. Topics to be considered as priorities include design guidelines and standards for municipalities, updating the county bike map, maintenance plans for infrastructure and facilities, data collection (to validate decisions), and public awareness campaigns focused on education and safety.

The next BPAC meeting will be used to continue previous discussions of what their role will be in ATP implementation, ultimately a finalized implementation plan will be recommended for review by TTAC in the fall.

7. **SGT Quarterly Progress Reports** – Ms. Ahlskog reported on progress of Smart Growth Transportation Projects for years 2015-2016 and 2017-2018. 2015-2016: The Active Transportation Plan has been completed by the City and LIMC. East Lampeter will be holding an additional public open house at HACC for the Bridgeport Crossroads project, once ECMS contracting issues have been resolved. Penn Township has difficulties with a local short line railroad on their Doe Run Road pedestrian enhancements project involving an adjacent bridge that needs to be replaced. They plan to meet with Rep. Fee for assistance in resolving the issue. Millersville Borough has had no movement in over a year on the Duke Street realignment project. Need to have a meeting to encourage significant progress. MPO staff are suggesting the same process as for Strasburg Township in the past, which involves withdrawing funding if no progress can be made. Results of the meeting will be reported to TTAC, and staff will have a recommendation as to how to proceed in time for funds to be used in the current programming cycle.

A question was asked as to what staff will be looking for from Millersville Borough. Ms. Ahlskog replied that we will be looking for something in writing that they will make significant progress and will have secured funding by a date provided by staff. Guidelines specify a three-year timeline for funding. Funds can be released from the current project, and they are welcome to re-apply again in the future when they have a funding source secured. MPO staff are working on a tight timeline so that withdrawn funds could be awarded during the current round of SGT funding.

For the 2016-2017 projects, the Charlotte Street conversion to two-way was completed. Manheim Borough is actively moving forward with their Downtown Connections study. Mount Joy Borough's Pedestrian Safety Improvements project had a let date of June 6, 2019 and construction will be starting soon. West Lampeter continues to evaluate design options for the Willow Street Village Street Improvements project.

8. **SGT Current Funding Cycle** – Ms. Barr reported on the status of the fifth round of funding for the Smart Growth Transportation (SGT) program through the Lancaster MPO. MPO staff received ten Notice of Intent (NOI) forms from seven municipalities and seven were deemed eligible projects under the current program

guidelines. Applications were sent out June 7th and the deadline to apply is July 19th. The initial NOI funding requests totaled almost \$13 million for only \$3 million available in SGT funding. All seven are construction projects, not studies – which partially explains the large amount of money needed. The first SGT Task Force meeting is June 19th. Ms. Barr will continue to provide updates to TTAC when there is noteworthy information to share.

9. **Mount Joy Train Station Site Visit Recap** – Mr. Bini and Ms. Ahlskog provided a summary of the field view at the new Mount Joy Amtrak station, including photos of old and new platforms. New platforms are covered and long enough so that all doors may open. TTAC and borough were represented, and Senator Aument was present. There will be roughly 125 spaces adjacent to the station. The station will not be staffed, and there will be no restrooms. Tickets may initially be purchased at kiosks, but Amtrak is moving away from that method, but they also may be purchased via app/online or on the train after boarding. Mr. Swiernik asked if there were plans for long-term bicycle parking, and Ms. Ahlskog replied that there was no discussion of that. Ms. Ryan mentioned covered bike racks at Elizabethtown and asked if that would be a sufficient accommodation.

10. Other Business & Public Participation

- a. **Reminder: Autonomous Vehicle presentation at MPO on June 24th** – Mr. Bini reminded TTAC members that they are welcome to attend the upcoming presentation by Mr. Roger Cohen from PennDOT.

11. Next Meeting: **July 8, 2019, 12:00 p.m.**

12. **Adjournment** – 1:30 pm.

**LANCASTER COUNTY
TRANSPORTATION TECHNICAL ADVISORY COMMITTEE (TTAC)
MINUTES**

DATE: July 8, 2019
TIME: 12:00 P.M.
PLACE: 150 N. Queen St., Conference Rooms 102/104, Lancaster, PA 17603

MEMBERS PRESENT:

Jeff Glisson (Chair)	South Central Transit Authority
Alice Yoder (Vice Chair)	Lancaster County Planning Commission
Jennifer Crobak	Federal Highway Administration
Beth Raves	PennDOT Central Office
Michelle Tarquino	PennDOT District 8
Bill Swiernik	Bike/Ped. Advisory Committee
Austin Beiler	Lancaster Airport Authority
Kathie Gonick	Environmental Community
Cindy McCormick	City of Lancaster
Maureen Westcott	Advocate for Persons with Disabilities
Lisa Riggs	Business and Finance Community
Terry Martin	Lancaster County Planning Commission
Roni Ryan	Lancaster County Planning Commission

MTP ADVISORY COMMITTEE:

Matthew Sternberg	Lancaster County Redevelopment Authority
Brian Miller	ELA Group
Ray D' Agostino	Lancaster Housing Opportunity Partnership
Matt Boyer	Commuter Services of PA
Tom Rudzinski	Manheim Township Police Department

GUESTS:

Commissioner Dennis Stuckey	Board of County Commissioners
Brain Funkhouser	Michael Baker
Jamie Lemon	Michael Baker
Deb Hoover	KCI Technologies
Moriah Smith	Federal Highway Administration
Paul McNamee	KCI Technologies
Neil Ward	Commuter Rail Association of Lancaster

STAFF:

James Cowhey	Executive Director
Robert Bini	Director for Transportation Planning
Lauri Ahlskog	Senior Transportation Planner
Kristiana Barr	Senior Transportation Planner
Angie Rivera	Administrative Secretary

Order of Business:

1. **Call to Order** – Chairman Glisson called the meeting to order at 12:03 p.m.
2. **MTP Advisory Committee Kickoff Meeting** – Mr. Bini introduced the consultant team in attendance to lead the meeting. Mr. Funkhouser went over the kick-off meeting agenda in detail. The project scope, schedule, and issues to be addressed in the MTP were reviewed thoroughly and discussed with the MTP Advisory Committee. Ms. Crobak expressed her thoughts on why conducting a safety review first would inform the creation of the investment plan. It was discussed that municipal emergency responders should be consulted before and during the safety field view due to their ability to provide insights on safety issues not reflected in crash data. Stakeholder engagement and public participation strategies were discussed, including the identification of regional events and alignment with the six place-based planning areas from places2040. Focus groups or small group meetings could be a better approach for discussion among stakeholders like freight interests. MTP Advisory Committee members identified what success factors for the planning process and final document should be, like connectivity between different landscapes identified in places2040 and that major plan activities should occur on time.
3. **Minutes of June 10, 2019 Meeting (Action)** – Action for June 10, 2019 minutes are deferred until August 12, 2019 TTAC Meeting when MPO staff will prepare a revised version.
4. **Updates and Announcements**
 - a. **Major Projects** – No report.
 - b. **Transit** – Mr. Glisson reported the approved RRTA route and schedule changes. They were officially presented at a public meeting on June 17th and approved at the Board of Directors' meeting on June 19th. Changes include direct service to UPMC Pinnacle in Lititz, as well as direct service to Ephrata Hospital, and increased service on Sundays. Trolley service between Amtrak and downtown will not be eliminated, but is proposed to be retained for one year, with promotion by Lancaster City Alliance and the Lancaster Chamber in order to increase ridership. The trolley buses will no longer be used on this route, so the name will be changed accordingly. Ms. Valudes provided an update on the Northeast vanpool program.
 - c. **Federal Highway Administration** – No report.
 - d. **Bike/Pedestrian Advisory Committee (BPAC)** – Mr. Swiernik announced Bike It Lancaster has a free ride during July promotional code for the Zagster phone application. Ms. McCormick also mentioned that new bicycles sponsored by Lebanon Valley College were added to the bike share existing docking stations and virtual stations.
 - e. **Transportation Authority** – No report.
 - f. **Commuter Services of PA** – Mr. Boyer reported that July is National Transit Month, and so Commuter Services has a 'Beat the Heat' promotion in 13

counties. In June, the Commute PA program had 338 new members tracking trips. In total, there were 16,000 new trips equaling 13.5 thousand gallons of gas and 175,000 dollars saved. Mr. Boyer noted these numbers are only with people who are tracking their daily trips through the program.

5. Other Business & Public Participation

6. Next Meeting: August 12, 2019, 12:00 p.m.

7. Adjournment – 1:52 pm.

DRAFT

MEMORANDUM

TO: TTAC

FROM: Bob Bini, Director for Transportation Planning

DATE: August 5, 2019

SUBJECT: **Transportation Improvement Program (TIP) Revisions**

PennDOT will review the TIP revisions listed below. All the items are administrative modifications provided for information and do not require TTAC action.

TIP Administrative Modifications

- a) Centerville Road Widening – This is a highway reconstruction project that consists of widening the road from Marietta Avenue to Columbia Avenue. The current estimated let date is February 25, 2021.
- Actions are:
 - Add the preliminary engineering phase to the TIP in FFY 2019 in the amount of \$1,375,000. This action is required to obligate the advance construct (AC) amount of \$2 million, originally programmed and moved to AC status on October 10, 2014, with an 80/20 federal/local split. \$625,000 of the AC amount was obligated on May 26, 2016. This action will enable the District to obligate the remainder of the \$2 million to match the agreement amount.
 - Add the final design phase to the TIP in FFYs 2019-2021 by \$1,471,645 to match the agreement amount needed to complete final design tasks. Final design was programmed on the 2017 TIP and never carried over to the current TIP.
- b) PA 23 TSM Improvements, Phase 2 – This project involves installing a center turn lane, curb and sidewalks, and signal replacement on Main Street from Hellers Church Road to Granger Road in Upper Leacock Township. This project was let on April 25, 2019.
- Action is to increase the construction phase in FFY 2019 by \$20,178 for construction consultation.
- c) Creek Road Bridge – This is a bridge replacement project on Millport Road over a tributary to Lititz Creek in Warwick Township. The current estimated let date is February 27, 2020.
- Action is to increase the right-of-way phase of in FFY 2020 by \$17,400 to match the most recent estimate.

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- d) River Road Bridge PM – This is a bridge preservation project on River Road over Conoy Creek in Conoy Township. The current estimated let date is April 9, 2020.
- Action is to cashflow the construction phase from FFY 2019 to 2020 to better align with the let date.
- e) Fruitville Pike Bridge PM – This is a bridge preservation project on US 30 over Fruitville Pike in Manheim Township.
- Action is to cashflow the final design and utility phases from FFY 2019 to 2021 to better align with the payment schedule.
- f) US 222/322 Interchange Improvements – This is a safety improvement project at the US 222/322 Interchange, in Ephrata and West Earl Townships. The current estimated let date is September 26, 2019.
- Actions are:
 - Change the funding source of the construction phase in FFY 2019 and cashflow funds from FFY 2021 to 2020 to better utilize the funds;
 - Increase the construction phase in FFY 2020 by \$410,000 for waterline relocation, snowplow truck and operator, and other items that federal funds will not cover; and
 - Increase the construction phase in FFY 2019-2022 by \$839,205 to match the current estimate.
- g) Mount Joy Pedestrian Safety – This is a bike/ped project on Marietta Avenue in Mount Joy Borough from School Lane to New Haven St. This project was let on June 6, 2019.
- Action is to increase the construction phase in FFY 2019 by \$194,107 to match the low bid amount.
- h) Hopeland Road Bridge – This is a bridge improvement project over Furnace Run in Elizabeth Township. The current estimate let date is July 24, 2021.
- Action is to increase the preliminary engineering phase in FFY 2020 by \$283,933 to match the most recent estimate.
- i) Stevens Road Bridge PM – This is a bridge preservation project over Cocalico Creek in East Cocalico Township. The current estimated let date is July 21, 2022.
- Action is to increase the preliminary engineering phase of in FFY 2019 and 2020 by \$83,519 to match the most recent estimate.

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- j) Little Muddy Creek Bridge – This is a bridge improvement project on Red Run Road over Little Muddy Creek in Brecknock Township. The current estimated let date is June 24, 2021.
- Actions are:
 - increase the preliminary engineering phase in FFY 2019 by \$114,669 to match the most recent estimate.
 - change the funding source of the right-of-way and utility phases of Little Muddy Creek in FFY 2020 to better utilize funds.
- k) Water Street Bridge – This is a bridge replacement project on Water Street over Schumans Run in Manor Township. The current estimated let date is January 27, 2022.
- Action is to cashflow the construction phase of Water Street Bridge from FFY 2020 to 2022 to better align with the let date.
- l) ITS - Lancaster Phase 4 – This project consists of installing ITS equipment along US 30 from the Susquehanna River Bridge to SR 340, US 222 from US 30 to US 322, and on PA 283 from the Dauphin County Line to US 30. The current estimated let date is April 23, 2020.
- Action is to change the funding source of the construction phase by \$500,000 to better utilize the funding.
- m) ITS - Lancaster Phase 4 – This project consists of installing ITS equipment along US 30 from the Susquehanna River Bridge to SR 340, US 222 from US 30 to US 322, and on PA 283 from the Dauphin County Line to US 30. The current estimated let date is April 23, 2020
- Action is to change the funding source of the construction phase by \$500,000 to better utilize the funding.
- n) Old Phila Pike/Mill – This is a bridge preservation project on Old Philadelphia Pike over Mill Creek in East Lampeter Township. The current estimated let date is October 5, 2023.
- Action is to change the funding source of the preliminary engineering phase in FFY 2022 to better utilize the funds.
- o) Pequea Valley over Pequea Creek – This is a bridge improvement project on Pequea Valley Road over Pequea Creek in Paradise Township. The current estimated let date is June 24, 2021.
- Actions are:

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- Increase the preliminary engineering phase in FFY 2019 by \$80,000 to match the most recent estimate;
 - Increase the final design phase in FFY 2020 by \$300,000 to match the most recent estimate;
 - Increase the utility phase in FFY 2021 by \$40,000 to match the most recent estimate;
 - Increase the right-of-way phase in FFY 2021 by \$10,000 to match the most recent estimate; and
 - Increase and cashflow the construction phase from FFY 2019 to FFY's 2023 and 2024 to match the most recent estimate.
- p) South Ronks Rd over Pequea Creek – This is a bridge replacement/rehabilitation project on South Ronks Road over Pequea Creek in East Lampeter Township. The current estimated let date is March 26, 2020.
- Action is cashflow the construction phase from FFY 2020 to 2019 to utilize the funds for the Pequea Valley over Pequea Creek project.
- q) Mount Joy Road Bridge PM – This is a bridge preservation project on Mount Joy Road over Wet Weather Run in Rapho Township. The current estimated let date is October 5, 2023.
- Action is to cashflow the preliminary engineering phase from FFY 2022 to 2021 by \$10,000 to utilize the funds for the Pequea Valley over Pequea Creek project.
- r) Meadow View Rd Bridge – This is a bridge improvement project on Meadow View Road over Little Chickies Creek in Mount Joy and Rapho Townships. The current estimated let date is October 5, 2023.
- Action is to cashflow the final design phase from FFY 2021 to 2022 by \$59,000 to utilize the funds for the Pequea Valley over Pequea Creek project.

FFY 2019-2022 TIP MODIFICATIONS FORM

Lancaster																		Informed Coordinating Committee: September 23, 2019			Informed Technical Committee: August 12, 2019		
Administrative Modifications - Highway					Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks			
Item	Project Title	MPMS	Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.					
1	Centerville Road Widening Lancaster	101505	PE	Before	STP															Adding the preliminary engineering phase of Centerville Road Widening to the TIP in FFY 2019 by \$1,375,000. This action is required to obligate the advance construct (AC) amount. \$2 million was programmed and moved to AC status on 10/10/2014, with an 80/20 fed/local split. \$625,000 of the AC amount was obligated on 5/26/2016. This action will enable the district to obligate the remainder of the \$2 million to match the agreement amount. This is a highway reconstruction project that consists of widening the road from Marietta Avenue to Columbia Avenue. The current estimated let date is scheduled on February 25, 2021.			
				Adjust	STP		1,100,000		275,000														
				After	STP		1,100,000		275,000														
2	Highway Reserve Lancaster	87827	CON	Before	STP	581	1,136,109			108,000	434,192		193,823			6,240	555,000						
				Before	NHPP																		
				Adjust	STP	581	-1,100,000																
				Adjust	NHPP																		
				After	STP	581	36,109			108,000	434,192		193,823		6,240	555,000							
				After	NHPP																		
3	Centerville Road Widening Lancaster	101505	FD	Before	STP															Adding the final design phase of Centerville Road Widening to the TIP in FFY 2019-2021 by \$1,471,645 to match the the agreement amount needed to complete final design tasks. Final Design was programmed on the 2017 TIP and never carried over to the current TIP. This is a highway reconstruction project that consists of widening the road from Marietta Avenue to Columbia Avenue. The current estimated let date is scheduled on February 25, 2021.			
				Before	STU																		
				Adjust	STP		548,345		226,520	108,000	27,000	163,236		40,809									
				Adjust	STU		357,735																
				After	STP		548,345		226,520	108,000	27,000	163,236		40,809									
				After	STU		357,735																
4	Highway Reserve Lancaster	87827	CON	Before	STP	581	36,109			108,000	434,192		193,823			6,240	555,000						
				Before	NHPP																		
				Adjust	STP	581	-36,109			-108,000													
				Adjust	NHPP																		
				After	STP						434,192		30,587		6,240	555,000							
				After	NHPP	581																	
5	PA-441 Corridor-Columbia 441/012 Lancaster	64827	ROW	Before	STU																		
				Adjust	STU		-192,035																
				After	STU		-192,035																
6	Hershey Road Bridge 743/024 Lancaster	82899	CON	Before	STP																		
				Adjust	STP		-151,685																
				After	STP		-151,685																

FFY 2019-2022 TIP MODIFICATIONS FORM

Administrative Modifications - Highway					Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks		
Item	Project Title	MPMS	Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.				
7	PA 23 Resurfacing 23/027 Lancaster	94927	CON	Before	STP																	
				Adjust	STP		-119,032															
				After	STP		-119,032															
8	Lititz Pike Bridge 222/027 Lancaster	19461	CON	Before	STP																	
				Adjust	STP		-112,000															
				After	STP		-112,000															
9	PA-441 Corridor-Columbia 441/012 Lancaster	64827	FD	Before	STU																	
				Adjust	STU		-108,191															
				After	STU		-108,191															
10	Beaver Valley Pike Br. #3 222/046 Lancaster	87547	CON	Before	STP																	
				Adjust	STP		-76,094															
				After	STP		-76,094															
11	River Road Bridge over Chiques Creek 441/022 Lancaster	78861	CON	Before	STU																	
				Adjust	STU		-57,509															
				After	STU		-57,509															
12	Bainbridge Rd Bridge # 2 241/011 Lancaster	87503	PE	Before	STP																	
				Adjust	STP		-53,425															
				After	STP		-53,425															
				Before FFY Totals		36,109	0	0	108,000	434,192	0	193,823	0	0	6,240	555,000	0	0				
Program Summary - Net Changes				Adjustments		0	0	226,520	0	0	27,000	0	0	40,809	0	0	0	0			294,329	
				After FFY Totals		36,109	0	226,520	108,000	434,192	27,000	193,823	0	40,809	6,240	555,000	0	0				

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks		
Item	Project Title		Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.			Loc.	
16	Hopeland Road Bridge 1026/006 Lancaster	87564	PE	Before		581					50										
				Adjust		581															
				After		581							334								
17	Highway Reserve Lancaster	87827	CON	Before	STP	581					434		31			6	555				
				Adjust	STP	581							-284								
				After	STP	581							150		31			6	555		
18	Stevens Road Bridge PM 1030/003 Lancaster	101009	PE	Before		581					150										
				Before		185															
				Adjust		581							41								
				Adjust		185			42												
				After		581							191								
				After		185			42												
19	Bridge Reserve Lancaster	87826	CON	Before	BOF	185		65		98						59	10				
				Adjust	BOF	185		-42													
				After	BOF	185		23		98							59	10			
20	Highway Reserve Lancaster	87827	CON	Before	STP	581					150		31			6	555				
				Adjust	STP	581							-41								
				After	STP	581							109		31			6	555		

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks			
Item	Project Title	Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.					
21	Little Muddy Creek Bridge 1044/001 Lancaster	78906	PE	Before	STU	185	120	30											Increasing the preliminary engineering phase of Little Muddy Creek Bridge in FFY 2019 by \$114,669 to match the most recent estimate. This is a bridge improvement project on Red Run Road over Little Muddy Creek in Brecknock Township. The current estimated let date is scheduled on June 24, 2021.			
				Before	STP																	
				Adjust	STU	185	57	23														
				Adjust	STP		35															
				After	STU	185	177	53														
				After	STP		35															
22	STU Line Item Lancaster	88067	CON	Before	STU		57			488												
				Adjust	STU		-57															
				After	STU						488											
23	Bridge Reserve Lancaster	87826	CON	Before	BOF	185		23		98					59	10						
				Adjust	BOF	185		-23														
				After	BOF	185					98					59	10					
24	Christiana Pike Bridges Lancaster	63220	FD	Before																		
				Adjust	STP			(-35)														
				After																		
25	Water Street Bridge 441/032 Lancaster	90852	CON	Before		581				150									Cashflowing the construction phase of Water Street Bridge from FFY 2020 to 2022 to better align with the let date. This is a bridge replacement project on Water Street over Schumans Run in Manor Township. The current estimated let date is scheduled on January 27, 2022.			
				Adjust		581										150						
				After		581											150					
26	Highway Reserve Lancaster	87827	CON	Before	STP	581				109			31		6	555						
				Adjust	STP	581						150					-150					
				After	STP	581						259			31		6	405				

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks		
Item	Project Title	Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.				
27	ITS - Lancaster Phase 4 30/129 Lancaster		CON	Before	CAQ	581				2,000	500								Changing the funding source of the construction phase of ITS - Lancaster Phase 4 by \$500,000 to better utilize the funding. This project consists of installing ITS equipment along US 30 from the Susquehanna River Bridge to SR 340, US 222 from US 30 to US 322, and on PA 283 from the Dauphin County Line to US 30. The current estimated let date is scheduled on April 23, 2020.		
				Before	STP																
				Before	STU																
				Adjust	CAQ	581							-500								
				Adjust	STP										12						
				Adjust	STU							488									
				After	CAQ	581						2,000									
				After	STP										12						
				After	STU							488									
28	Highway Reserve Lancaster		CON	Before	STP	581					259		31			6	405				
				Adjust	STP	581						500		-12							
				After	STP	581						759		19			6	405			
29	STU Line Item Lancaster		CON	Before	STU				488												
				Adjust	STU						-488										
				After	STU																
30	US222/322 Interchange Imp 322/036 Lancaster		CON	Before	HSIP	581	525			715						2,736			Increasing the construction phase of US222/322 Interchange Improvement in FFY 2020 by \$410,000 for waterline relocation, snowplow truck and operator, and other items that federal funds will not cover. The project consists of constructing a diverging diamond interchange at the US Route 222/322 Interchange in Ephrata and West Earl Townships, and Ephrata Borough. The current estimated let date is scheduled on September 26, 2019.		
				Before	NHPP		386						3,688								
				Before	STP		1,396							221							
				Adjust	HSIP	581						410									
				Adjust	NHPP																
				Adjust	STP																
				After	HSIP	581	525			715	410						2,736				
				After	NHPP		386							3,688							
31	Highway Reserve Lancaster		CON	Before	STP	581					759		31			6	405				
				Adjust	STP	581						-410									
				After	STP	581						349		31			6	405			

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks			
Item	Project Title		Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.			Loc.		
32	ITS - Lancaster Phase 4 30/129 Lancaster	106587	CON	Before	CAQ	581				2,000										Changing the funding source of the construction phase of ITS - Lancaster Phase 4 by \$500,000 to better utilize the funding. This project consists of installing ITS equipment along US 30 from the Susquehanna River Bridge to SR 340, US 222 from US 30 to US 322, and on PA 283 from the Dauphin County Line to US 30. The current estimated let date is scheduled on April 23, 2020.		
				Before	STP							12										
				Before	STU						488											
				Adjust	CAQ	581							500									
				Adjust	STP								-12									
				Adjust	STU						-488											
				After	CAQ	581						2,000		500								
				After	STP																	
				After	STU																	
33	CMAQ Line Item Lancaster	87832	CON	Before	CAQ								3,919			2,229						
				Adjust	CAQ							-500										
				After	CAQ							3,419			2,229							
34	Highway Reserve Lancaster	87827	CON	Before	STP	581					349		19			6	405					
				Adjust	STP	581							12									
				After	STP	581						349		31		6	405					
35	STU Line Item Lancaster	88067	CON	Before	STU																	
				Adjust	STU					488												
				After	STU					488												

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks		
Item	Project Title		Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.			Loc.	
36	Little Muddy Creek 1044/001	78906	ROW	Before	STP	185				40	10									Changing the funding source of the right-of-way and utility phases of Little Muddy Creek in FFY 2020 to better utilize funds. This is a bridge improvement project on Red Run Road over Little Muddy Creek in Brecknock Township. The current estimated let date is scheduled on June 24, 2021.	
				Before		581															
	Adjust			STP	185						-40										
	Adjust				581							40									
	After			STP	185							10									
	After				581							40									
37	Little Muddy Creek 1044/001	78906	UTL	Before	STP	185				20	5										
				Before		581															
	Adjust			STP	185						-20										
	Adjust				581							20									
	After			STP	185							5									
	After				581							20									
38	Highway Reserve Lancaster	87827	CON	Before	STP	581					349		31			6	405				
				Adjust	STP	581						60	-60								
				After	STP	581						60	289		31		6	405			
39	Old Phila Pike/Mill 340/012 Lancaster	101106	PE	Before	STP	581										150			Changing the funding source of the preliminary engineering phase of Old Phila Pike/Mill in FFY 2022 to better utilize the funds. This is a bridge preservation project on Old Philadelphia Pike over Mill Creek in East Lampeter Township. The current estimated let date is scheduled on October 5, 2023.		
				Adjust	STP	581											-150	150			
				After	STP	581												150			
40	Highway Reserve Lancaster	87827	CON	Before	STP	581				60	289		31		6	405					
				Adjust	STP	581										150	-150				
				After	STP	581						60	289		31		156	255			

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks				
Item	Project Title		Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.					
48	River Road Bridge over Chiques Creek 441/022 Lancaster	78861	PE	Before																			
				Adjust	STP		(-21)																
				After																			
49	River Road Bridge over Chiques Creek 441/022 Lancaster	78861	PE	Before																			
				Adjust	STP		(-19)																
				After																			
50	Meadowview Road Bridge #3 4033/001 Lancaster	74955	PE	Before																			
				Adjust	STP		(-9)																
				After																			
51	PA 896 and Rockvale 896/006 Lancaster	89185	PE	Before																			
				Adjust	STP		(-8)																
				After																			
52	US30 Roadway Preservation 30/104 Lancaster	91037	CON	Before																			
				Adjust	NHPP		(-6)																
				After																			
53	Christiana Pike Bridges 372/014 Lancaster	63220	FD	Before																			
				Adjust	STP		(-2)																
				After																			
54	Lefevr/Main-Boro Ln Lancaster	19541	CON	Before																			
				Adjust	STU		(-1)																
				After																			
55	PA-324 Pequea Creek Brdg 324/009 Lancaster	19457	FD	Before																			
				Adjust	STP		(-1)																
				After																			
56	Pequea Val over Pequea Cr 7226/BRG Lancaster	94751	CON	Before	BOF	183	856	160	53														
				Adjust	BOF	183	-856	-160	-53														
				After	BOF	183																	
57	Bridge Reserve Lancaster	87826	CON	Before	BOF	185				98						59	10						
				Adjust	BOF	185	856	160															
				After	BOF	185	856	160				98						59	10				

Increasing and cashflowing the construction phase of Pequea Valley over Pequea Creek from FFY 2019 to 2023 and 2024 to match the most recent estimate. This is a bridge improvement project on Pequea Valley Road over Pequea Creek in Paradise Township. The current estimated let date is scheduled on June 24, 2021.

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks	
Item	Project Title		Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.		
58	Pequea Val over Pequea Cr	94751	PE	Before	BOF	183														Increasing the preliminary engineering phase of Pequea Valley over Pequea Creek in FFY 2019 by \$80,000 to match the most recent estimate. This is a bridge improvement project on Pequea Valley Road over Pequea Creek in Paradise Township. The current estimated let date is scheduled on June 24, 2021.
	Adjust			BOF	183	64	12	4												
	After			BOF	183	64	12	4												
59	Bridge Reserve	87826	CON	Before	BOF	185	856	160		98	18					59	10			
	Adjust			BOF	185	-64	-12													
	After			BOF	185	792	148				98	18					59	10		
60	S Ronks Rd over Pequea Cr	94753	CON	Before	BOF	183	1,657	311	104	1,107	208	69								Cashflowing the construction phase of S Ronks Rd over Pequea Creek from FFY 2020 to 2019 to utilize the funds for Pequea Valley over Pequea Creek project. This is a bridge replacement/rehabilitation project on South Ronks Road over Pequea Creek in East Lampeter Township. The current estimated let date is scheduled on March 26, 2020.
	Adjust			BOF	183	792	148	49	-792	-148	-49									
	After			BOF	183	2,449	459	153	315	60	20									
61	Bridge Reserve	87826	CON	Before	BOF	185	792	172		98	18					59	10			
	Adjust			BOF	185	-792	-148				792	148								
	After			BOF	185		24				890	166					59	10		
62	Pequea Val over Pequea Cr	94751	FD	Before	BOF	183														Increasing the final design phase of Pequea Valley over Pequea Creek in FFY 2020 by \$300,000 to match the most recent estimate. This is a bridge improvement project on Pequea Valley Road over Pequea Creek in Paradise Township. The current estimated let date is scheduled on June 24, 2021.
	Adjust			BOF	183						240	45	15							
	After			BOF	183						240	45	15							
63	Bridge Reserve	87826	CON	Before	BOF	185		24		890	167					59	10			
	Adjust			BOF	185						-240	-45								
	After			BOF	185		24				650	122					59	10		
64	Mount Joy Road Bridge PM	100567	PE	Before		185									50					Cashflowing the preliminary engineering phase of Mount Joy Road Bridge PM from FFY 2022 to 2021 by \$10,000 to utilize the funds for Pequea Val over Pequea Cr. This is a bridge preservation project on Mount Joy Road over Wet Weather Run in Rapho Township. The current estimated let date is scheduled on October 5, 2023.
	Adjust				185											-10		10		
	After				185											40		10		
65	Bridge Reserve	87826	CON	Before	BOF	185				650	122					59	10			
	Adjust			BOF	185											10		-10		
	After			BOF	185						650	122				10		59		

FFY 2019-2022 TIP MODIFICATIONS FROM June 11, 2019 to September 9, 2019

Administrative Actions - Highway				Funds		FFY 2019			FFY 2020			FFY 2021			FFY 2022			FFY 2023 & >	Remarks		
Item	Project Title		Ph	Prog	Fed	Sta.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.	Fed.	Sta.	Loc.			
66	Meadow View Rd Bridge 4033/007 Lancaster	20149	FD	Before	BOF								250							Cashflowing the final design phase of Meadow View Rd Bridge from FFY 2021 to 2022 by \$59,000 to utilize the funds for Pequea Val over Pequea Cr. This is a bridge improvement project on Meadow View Road over Little Chickies Creek in Mount Joy and Rapho Townships. The current estimated let date is scheduled on October 5, 2023.	
				Adjust	BOF										-59			59			
				After	BOF											191			59		
67	Bridge Reserve Lancaster	87826	CON	Before	BOF	185				650	122			10		59					
				Adjust	BOF	185									59			-59			
				After	BOF	185				650	122				59	10					
68	Pequea Val over Pequea Cr 7226/BRG Lancaster	94751	UTL	Before	BOF	183														Increasing the utility phase of Pequea Val over Pequea Cr in FFY 2021 by \$40,000 to match the most recent estimate. This is a bridge improvement project on Pequea Valley Road over Pequea Creek in Paradise Township. The current estimated let date is scheduled on June 24, 2021.	
				Adjust	BOF	183									32	6	2				
				After	BOF	183										32	6	2			
69	Bridge Reserve Lancaster	87826	CON	Before	BOF	185				650	112		59	10							
				Adjust	BOF	185									-32	-6					
				After	BOF	185				650	112				27	4					
70	Pequea Val over Pequea Cr 7226/BRG Lancaster	94751	ROW	Before	BOF	183														Increasing the right-of-way phase of Pequea Valley over Pequea Creek in FFY 2021 by \$10,000 to match the most recent estimate. This is a bridge improvement project on Pequea Valley Road over Pequea Creek in Paradise Township. The current estimated let date is scheduled on June 24, 2021.	
				Adjust	BOF	183									8	2	1				
				After	BOF	183										8	2	1			
71	Bridge Reserve Lancaster	87826	CON	Before	BOF	185				650	122		27	4							
				Adjust	BOF	185									-8	-2					
				After	BOF	185				650	122				19	2					
Program Summary - Net Changes				Before FFY Totals		18,614	1,010	157	18,264	6,965	69	18,034	74	0	11,346	6,245	0	0	313		
				Adjustments		264	0	0	0	0	-34	0	0	3	0	0	0	0		0	80
				After FFY Totals		18,878	1,010	157	18,264	6,965	35	18,034	74	3	11,346	6,245	0	80			

MEMORANDUM

TO: TTAC

FROM: Bob Bini, Director for Transportation Planning

DATE: August 5, 2019

SUBJECT: Environmental Justice Core Elements

Federal Highway Administration's 2018 Certification Review of the Lancaster Metropolitan Planning Organization's (MPO) transportation planning process cited shortcomings in Lancaster County's environmental justice (EJ) assessment methodology. This methodology should assess whether the MPO's transportation plans and programs have disproportionately high and adverse human health or environmental effects on minority and low-income populations.

To address these shortcomings, the MPO participated in the development of the "South Central PA MPO Environmental Justice (EJ) Unified Process and Methodology Guide". This initiative was a cooperative effort among all the MPOs in PennDOT District 8-0 to develop a uniform methodology for assessing benefits and burdens on EJ populations.

Upon completion of the Guide earlier this year, the Federal Highway Administration and Federal Transit Administration identified Core Elements which represent an effective EJ analysis for planning. The FHWA and FTA Core Elements are listed below and outlined in more detail in the attached document:

- Identify EJ Populations
- Assess Conditions and Identify Needs
- Evaluate Burdens and Benefits
- Identify and Address Disproportionate and Adverse Impacts and Inform Future Planning Efforts

The Core Elements will be used to evaluate EJ issues in development of the Metropolitan Transportation Plan (MTP) and 2021-2024 Transportation Improvement Program (TIP).

Jen Crobak, FHWA Pennsylvania Division, and Adam Grimes, PennDOT Program Center will provide an overview presentation on the EJ Core Elements and invite the committee's discussion. Following discussion, TTAC should consider recommending that the MPO endorse use of the Core Elements in developing the MTP and TIP.

Suggested Motion: TTAC recommends that the MPO endorse the use of the FHWA and FTA Core Elements in developing the MTP and 2021-2024 TIP.

ITEM 5.

MEMORANDUM

TO: TTAC

FROM: Bob Bini, Director for Transportation Planning

DATE: August 5, 2019

SUBJECT: Congestion Management Process Update

The Federally mandated Congestion Management Process (CMP) is a key tool for measuring transportation system performance and a building block for developing strategies to address congestion on Lancaster County's roadways. The CMP was last updated in 2016 in conjunction with the development of the MPO's current long-range transportation plan, *Connections 2040: 2016 Update*. It includes methods to monitor and evaluate the performance of the multimodal transportation system, along with a process for periodic assessment of the effectiveness of implemented strategies.

LCPC staff, working with Michael Baker International (MBI), is updating the CMP in conjunction with the development of the Metropolitan Transportation Plan (MTP). Data, information, and analysis from the CMP will be used to outline strategies and projects to pursue in the MTP and the accompanying 2021-2024 Transportation Improvement Program. Mr. Dan Szekeres with MBI will be present to provide a brief presentation on the approach, analysis and results of the CMP update, and to address TTAC's questions.

MEMORANDUM

TO: TTAC

FROM: Bob Bini, Director for Transportation Planning

DATE: August 5, 2019

SUBJECT: Unified Planning Work Program (UPWP) Guidance

Every two years, the MPO must approve the UPWP for the upcoming two fiscal years, which start on July 1st and end on June 30. The UPWP identifies planning priorities for the MPO and lists the transportation tasks, activities, and studies to be performed by the staffs of the Lancaster County Planning Commission (LCPC) or South Central Transit Authority or their consultants during each fiscal year. The work program should focus on federal and state requirements, as well as support local priorities.

Development of the UPWP for this cycle, covering the period July 1, 2020 to June 30, 2022, is on an accelerated schedule. In prior years, the MPO adopted the UPWP in February. For this cycle, the deadline for MPO adoption is January 31, 2020, which will require MPO action at the November 2019 meeting. A draft UPWP will be provided for review and discussion at the September TTAC meeting in anticipation of TTAC making a recommendation to the MPO for adoption of the UPWP in November.

Other procedural or substantive changes for this UPWP cycle include:

- Work program contains only those tasks that will be completed or underway during the contract years of the document;
- Stakeholder outreach is an important part of work program development;
- Requires documentation of the process for development and adoption of the UPWP;
- Provides a table that reflects milestone dates for the major planning documents, requirements or activities;
- Allows 45-days for FHWA review, comment, and revision prior to adoption; and
- Description of each program task should include background information, a detailed description of the proposed task, and the roles and responsibilities of the organizations/entities that will be performing the tasks, e.g. MPO, PennDOT, FHWA, or others.

An overview of the UPWP development and adoption process will be provided at the meeting to solicit suggestions and feedback to be used in preparing a draft work program for discussion in September.

MEMORANDUM

TO: TTAC

FROM: Bob Bini, Director for Transportation Planning

DATE: August 5, 2019

SUBJECT: Transportation Improvement Program (TIP) Guidance

PennDOT recently released 2021 Transportation Program General, Procedural and Financial Guidance. The guidance includes key dates associated with both long-range planning and development of the 2021–2024 Transportation Improvement Program (TIP). Major dates associated with the TIP include:

- August through October – PennDOT District and MPO staff meet to coordinate on carryover and candidate projects;
- October through January 2020 – MPOs conduct Environmental Justice analysis;
- December – MPOs submit draft TIP to District, PennDOT Program Center (PC) and FHWA/FTA for review;
- January 2020 – PC completes TIP review; MPO and PennDOT reach agreement on their respective portions of the program;
- March through May 2020 – MPOs and PennDOT conduct air quality conformity analysis;
- April through June – TIP public comment period;
- June 2020 – MPO TIP adoption;
- September 2020 – FHWA/FTA approve the TIP.

The 2021–2024 TIP cycle represents a significant departure from the current TIP cycle in three respects:

- Less overall funding is available;
- Investment strategies have shifted; and
- Investment in the Interstates has increased.

Inflationary effects on Pennsylvania’s program result in a decrease of \$100 million annually in spending power. Investment strategies have shifted from a programming emphasis that was 35% highway / 65% bridge to one that is 60% highway / 40% bridge. Along with this change, the detailed technical formulas have changed that support the increased focus on Pennsylvania’s Transportation Asset Management Plan and the accompanying performance targets. The increased focus on Interstates will direct increasing percentages of the National Highway Performance Program (NHPP) funds from use on any portion of the National Highway System to

ITEM 8

a concentrated effort to rebuild / rehabilitate the aging Interstate system. This will direct 26/55th of the NHPP funds in year one, and an additional \$50 million per year for eight years until annual investment in the Interstates reaches \$1 billion. Thus, the amount of NHPP funds available statewide to distribute to the MPOs and Regional Planning Organizations will decline from \$352 million in 2021 to \$228 million in 2024.

The net effect of the three changes is that revenue available to support the TIP is lower than the current cycle. Without significant additional revenue becoming available from federal, state or other sources, this trend can be expected to continue for the foreseeable future due to these effects.

Lancaster's shares of the statewide NHPP funding for the current and upcoming TIP cycles are as follows:

- 2019–2022 TIP: \$39.5 million,
- 2021-2024 TIP: \$33.5 million, or about 15% less.

Lancaster's total allocations from all funding categories for the current and upcoming TIP cycles are as follows:

- 2019–2022 TIP: \$210.9 million,
- 2021-2024 TIP: \$209.1 million, or about 1% less.

Lancaster has benefitted from increases in other funding categories that have helped offset the effects of the re-allocation of NHPP funding to the Interstates.

A brief presentation on the TIP financial guidance will be provided at the meeting, with time for questions and discussion.