




Seyed Shokouhzadeh  
Executive Director

**TO:** Technical Committee Members

**FROM:** Seyed Shokouhzadeh, Executive Director 

**DATE:** November 5, 2020

The Technical Committee meeting is scheduled for **Thursday, November 12, 2020 at 10:00 a.m. in Room 301 of the Civic Center Complex 1 NW Martin Luther King Jr. Blvd. Evansville, IN 47708.**

## **AGENDA**

- 1. Approval of Minutes**
- 2. Old Business**
  - a. Project Update
- 3. New Business**
  - a. 2021 EMPO Safety Performance Measure Target Recommendation (INDOT & KYTC) (Approval Requested)
  - b. 2021 EMPO 4-YR Performance Measure Target Recommendation (INDOT & KYTC Revisions) (Approval Requested)
- 4. Other Business**
- 5. Public Comments**
- 6. Adjournment**

SS/KA

The EMPO will provide reasonable accommodations to individuals with a disability or who require language assistance that wish to attend this meeting. Because this may require outside assistance, please make requests at least one week prior to the meeting day by calling the MPO office at 812-436-7833, by email at [mschriefer@evansvillempo.com](mailto:mschriefer@evansvillempo.com), or by writing to: Evansville MPO, Civic Center Complex Room 316, 1 N.W. Martin Luther King, Jr. Blvd, Evansville, Indiana 47708.

## Evansville Metropolitan Planning Organization

Civic Center Complex, Room 316 • 1 N.W. Martin Luther King, Jr. Blvd. • Evansville IN, 47708-1833

P: 812.436.7833 • F: 812.436-7834

[www.evansvillempo.com](http://www.evansvillempo.com)

## EVANSVILLE METROPOLITAN PLANNING ORGANIZATION TECHNICAL COMMITTEE MINUTES

Regular meeting held at 10:00 a.m. in Room 301  
Civic Center Complex – Administration Building  
Evansville, Indiana

October 8, 2020

The following are minutes and not intended to be a verbatim transcript. An audio version of the proceedings can be heard or viewed on our website at [www.evansvillempo.com](http://www.evansvillempo.com).

### ATTENDANCE

#### Members Present (voting):

*In person:* Greg Wathen, Angie Higgins

*Webex/Phone:* Doug Boom, Matthew Bullock, Jordan Conaway, Khalil Dughaiash, Bernadette Dupont, Chris Gentry, Nate Hahn, Nick Hall, Shawn Hayden, Kelly Mitchell, Mike O'Daniel, John Stoll, Lorie Van Hook, Shawn Will, Thomas Witt

#### Evansville MPO Staff Present:

Seyed Shokouhzadeh, Pam Drach, Matt Schriefer, Erin Schriefer, Amir Varshochi, Kari Akin

*Greg Wathen directed the meeting.*

### 1. APPROVAL OF MINUTES

*Shawn Will made a motion for approval and Kelly Mitchell seconded the motion; motion carried.*

### 2. OLD BUSINESS

#### a. Project Update- presented by Pam Drach

##### City of Evansville

- Covert Ave: Paving from Green River Rd to Newburgh Rd is complete. Work between Vann Ave and Joyce Ave is ongoing.
- Walnut St Phase 1: Phase 1a between Weinbach Ave and Rotherwood Ave will be complete October 16, 2020. Water main and storm sewer work between Rotherwood Ave and Lodge Ave is ongoing.
- Washington Ave: Phases 1 and 2 are complete. Construction on Washington Ave is underway.
- Signal Preemption: Final Tracings were submitted to INDOT in preparation for the January 13, 2021 letting.
- Sign Replacement: Only minor items need to be completed.
- Signal Modernization (7 intersections): Project let for bid on October 7, 2020 with low bid of \$935,122.30 received from Ragle, Inc.

- Signal Modernization (First/Mill and Green River/Vogel): Project let for bid on October 7, 2020 with low bid of \$384,311.75 received from Ragle, Inc.

### **Vanderburgh County**

- Franklin St Bridge: Utility coordination has started.

### **KYTC**

- Watson Lane: TIP Amendment requested for design funding.
- KY 2084 at KY 812/Airline Rd: Right of way should be clear shortly. Utility design is ongoing. KYTC is working on the signal design.

### **INDOT Updates – presented by Matthew Bullock, INDOT**

- SR 66 at Green River Rd: Pre-final meeting held, construction is completed.
- US 41 at Hillsdale Rd: Stage 3 plans submitted and a resubmittal was requested.
- SR 62 from Rosenberger Ave to Wabash Ave (also includes intersection improvement projects located at Rosenberger Ave, St. Joseph Ave, Vann Ave, Burkhardt Rd, and Cross Pointe Blvd): Stakeholder meeting has been scheduled, website being finalized for launch October 2020.
- US 41 Pedestrian Walk at US 41 and Washington: INDOT and HNTB had a meeting on September 28, 2020 to review and discuss the Preliminary Alternatives Report. HNTB is updating the report based on feedback from that meeting and we will be looking into scheduling a meeting with the City and MPO in mid to late October to discuss this report and get feedback before finalizing.

*This item was informational and did not require a committee action.*

## **3. NEW BUSINESS**

### **a. FY 2020 – 2024 TIP Amendments – presented by Pam Drach**

The Indiana Department of Transportation (INDOT) requested the following amendment:

Des# 1902738: Various Locations in the Vincennes District: Bridge rehabilitation projects (Contract B-42643) Eliminate the Des# location from the contract and reduce the total of CN in FY 2022 from \$690,000 to \$650,000. The remaining contract will be funded with 80% Federal STBG Funds and 20% State match.

The Kentucky Transportation Cabinet (KYTC) requested the following amendment:

Item# 02-383: Watson Lane from Sunset Lane to Green River Road: Improve safety and reduce congestion. Add project to the TIP with PE in FY 2021 for a total of \$500,000, RW in FY 2021 for a total of \$1,630,000, UT in FY 2021 for a total of \$1,580,000 and CN in FY 2023 for a total of \$6,340,000. The project will be funded with federal STBG funding with a State match.

*Matthew Bullock made a motion for approval and Mike O'Daniel seconded the motion; motion carried.*

### **b. FY 2020-2024 TIP Modification – presented by Pam Drach**

The Kentucky Transportation Cabinet (KYTC) requested the following modifications:

ID# 02-997: Various locations on US 41 in Henderson County: Replacement of targeted guardrail end treatments (Grouped Project: Median guardrail/cable projects with no change to access). Add Construction (CN) in FY 2021 at a total cost of \$520,000. Costs will be funded with 100% Federal HSIP funding.

**ID# 02-998:** Various interchanges in Henderson County: Replacement of targeted guardrail end treatments (Grouped Project: Median guardrail/cable projects with no change to access). Add Construction (CN) in FY 2021 at a total cost of \$335,000. Costs will be funded with 100% Federal HSIP funding.

*This item was informational and did not require a committee action.*

### **c. Section 5310 Call for Projects for FY 2021 – presented by Matt Schriefer**

The Evansville MPO announced the Section 5310 Call for Projects for FY 2021 on Friday, October 2, 2020. The applications are due Friday, November 1, 2020.

The call for projects will be sent by email to the Regional Transit Advisory Committee (RTAC) and will be included on the October 19 RTAC meeting agenda for discussion. The call and application will also be added to the front page of the Evansville MPO website. This call is only for projects eligible for Section 5310 funding (acquisition of buses and vans; wheelchair lifts, ramps, and securement devices; transit-related information, technology systems including scheduling/routing/one-call systems; and mobility management programs to aid in the transportation of seniors and/or individuals with disabilities). Eligible applicants include non-profit organizations that provide transportation for seniors and/or individuals with disabilities.

If there are any questions about the call for projects or application, please contact Matt Schriefer at [mschriefer@evansvillempo.com](mailto:mschriefer@evansvillempo.com) or 812-436-7833.

*Angie Higgins noted that November 1 is a Sunday, and Matt Schriefer said that was an oversight and that the applications are due Monday, November 2, 2020. Nate Hahn asked how many applications the MPO usually receives. Matt Schriefer answered that typically, 1 or 2 applications are received, but sometimes it could be as many as 3 or 4.*

*This item was informational and did not require a committee action.*

### **4. OTHER BUSINESS**

None.

### **5. PUBLIC COMMENTS**

*Seyed Shokouhzadeh answered Bernadette Dupont's question (are there any slides associated with the project updates?) that was asked via chat in Webex. He explained that there are no slides, but the project update is always posted on the MPO's website.*

Meeting adjourned.

# Updates on Funded LPA Projects: Indiana

Nov-20

Project Sponsor	Project	Description	Preliminary Engineering/ Design				Right-of-Way	Design	Construction		Most Current Status Information
			Consultant Selection & NTP	Preliminary Field Check	Public Hearing / Meeting Notice	Environmental Approval	Right of Way Acquisition	Final Tracings	Bid Letting/ Award	Construction	
City of Evansville	<b>Covert Ave</b> from US 41 to I-69	Road Diet with bike and pedestrian accommodations.	10/8/14	1/11/17	8/29/17	2/6/18	11/25/19	11/6/19	2/5/20	On Going	Construction awarded to JBI Construction for the low bid of \$5,995,580.85. <b>Work from Green River Rd to I-69 nearing completion. Construction from Vann Ave to Green River Rd is ongoing.</b>
	<b>Lincoln Ave</b> from Green River Rd to Newburgh Rd	Pavement reconstruction with roadway safety elements.	8/31/11								A public meeting was held on May 23, 2012.
	<b>Walnut Street Ph 1:</b> US 41 to Weinbach Ave	Road Diet with bike and pedestrian accommodations, green infrastructure, and a multiuse path.	5/1/18	8/16/18	3/12/19	5/15/19	11/19/19	10/29/19	2/5/20	On Going	Construction awarded to Blankenberger Brothers for the low bid of \$5,313,408.10. <b>Phase from Weinbach Ave to Rotherwood Ave is complete. Grading and subgrade treatment work between Rotherwood Ave and Lodge Ave is underway.</b>
	<b>Walnut Street Ph 2:</b> Weinbach Ave to Vann Ave			8/16/18	3/12/19	3/11/20	On Going				Environmental document approved March 11, 2020. Right of way activities are underway.
	<b>Walnut Street Ph 3:</b> MLK Jr Blvd to US 41			On Going							Work on the environmental document and utility coordination is on-going.
	<b>Washington Ave</b> from 2nd St. To Parrett St	Boulevard construction with traffic calming elements.	8/17/14	5/1/15	Various meetings	2/15/17	9/16/18	9/23/19	12/11/19	On Going	Awarded to Blankenberger Brothers, Inc for the low bid of \$2,127,724. Phases 1 & 2 are complete. Construction on Washington Ave is underway.
	<b>2nd St / Parrett St/ Jefferson St</b>	Construction of a roundabout at the intersection				2/15/17	On Going				Additional public meeting was held on Aug. 28, 2017.
	<b>Signal Pre-Emption</b>	Installation of traffic signal preemption for fire dept vehicles	9/16/19	N/A	N/A	7/30/20	N/A	10/1/20	2/9/21		The proprietary material justification request was approved by INDOT. Final Tracings were submitted to INDOT. <b>The project has been moved to the Feb. 9, 2021 letting.</b>
	<b>Sign Replacement</b> Phase 3	Replace regulatory and street guide signs that do not meet reflectivity standards	3/22/18	N/A	N/A	8/28/18	N/A	4/10/19	7/10/19	On Going	Awarded to Roadsafet Traffic Systems for the bid of \$457,750.29. Only minor items need to be completed.
	<b>Signal Head Replacement</b>	Replacement of all 8" signal heads with 12" signal heads	12/12/19	On Going							PE contract awarded to First Group Engineering. Preliminary engineering work is being finalized by the City for submittal to the consultant. <b>A structural analysis will be required for the reuse of signal poles.</b>
	<b>Signal Modernization: 7</b> Intersections	Signal Modernization on Green River Rd from Bellemeade to Covert and on Washington Ave btwn Green River Rd and Erie Ave	8/9/19	1/23/20	2/19/20	5/20/20	N/A	6/30/19	10/7/20		PE contract awarded to First Group Engineering. <b>Project was awarded to Ragle, Inc for the bid of \$935,122.30.</b>
	<b>Signal Modernization:</b>	Signal Modernization at the intersection of First Ave and Mill Rd and at Green River Rd and Vogel Ave	8/9/19	1/23/20	2/19/20	5/18/20	N/A	6/30/19	10/7/20		PE contract awarded to First Group Engineering. <b>Project was awarded to Ragle, Inc for the bid of \$384,311.75.</b>
Vanderburgh County	<b>Franklin St Bridge</b> over Pigeon Creek	Bridge rehabilitation	5/3/19	7/13/20	On Going	On Going					The Historic Bridge Alternatives Analysis has been approved. Scour analysis has been approved. Utility coordination has started. <b>Environmental document was submitted to INDOT on 10/16/2020.</b>
	<b>Oak Hill Rd</b> from Eastwood Dr to Millersburg Rd	Road widening with bike and pedestrian accommodations	10/3/18	5/13/20	On Going						The early coordination letter was sent to consulting parties on Sept. 24, 2019. The hydraulic report was submitted to the County in February.
Warrick County	<b>Bell Rd</b> from High Pointe Dr to Telephone Rd	Road widening with bike and pedestrian accommodations	4/28/16	5/17/17	10/19/17	12/6/17	10/10/19	11/4/19	1/15/20	On Going	Construction awarded to JBI Construction for the low bid of \$7,470,897.58. Utility relocations ongoing. <b>Vann Rd to High Pointe Dr, mainline construction nearing completion. Utility relocation complete between Oak Grove Rd and Vann Rd and storm sewer installation underway.</b>
	<b>Warrick Trails SRTS</b>	Multiuse path to connect schools and surrounding neighborhoods.	2/11/17	7/26/18	6/28/19	7/9/19	On Going	11/2/20	1/13/21		Right-of-way acquisition activities are ongoing. The project moved to the January 2021 letting. <b>Seven of 9 properties are secured. Final tracings submitted 11/2/20.</b>
	<b>Telephone Rd:</b> Bell Rd to Fuquay Rd	Road widening with bike and pedestrian accommodations	12/19/19	On Going							PE contract awarded to Lochmueller Group. The utility coordination activities have started. Survey is complete. Working on preliminary plans and utility coordination.

Dates Non-italicized dates reflect the completion date for the activity, Italicized dates reflect anticipated completion dates for the activity, where appropriate.

## Updates on Funded Projects: Kentucky

Nov-20

Project Sponsor	Project	Description	Preliminary Engineering/ Design				Right-of-Way	Design	Construction		Comments
			Professional Services Procurement	Preliminary Line and Grade Plans	Public Meeting / Meeting Notice	Environmental Approval	Right of Way Acquisition	Construction Procurement Package	Bid Letting/ Award	Construction	
City/County of Henderson	<b>Green River Road</b> from Bend Gate Rd to Osage Dr	Sidewalk extension with ADA improvements and markings	4/10/19	6/30/19	9/16/19	8/9/19	On Going				The Categorical Exclusion for Minor Projects was approved. The City and KYTC will work together on the RW phase. <b><i>Title Work is complete and the documents have been submitted to KYTC. City is waiting on the right-of-way funding obligation from KYTC.</i></b>
	<b>Wathen Lane</b> from US 60 to the City Limits	Corridor upgrade with widened travel lanes, curb, gutter, and sidewalk	8/7/19	11/11/19	On Going						Palmer Engineering selected to do the project design. A preliminary line and grade meeting was held on 11/11/19. Utility coordination underway.
KYTC	<b>Watson Lane</b> from Sunset Ln to Green River Rd	Improve safety and reduce congestion.	1/29/19	6/6/19	9/16/19						The Phase 1 plans are complete and an alternative has been selected. Additional funds to complete the design have been requested. Splitting the project into 2 phases is under discussion. The intersection improvements would be a priority. <b><i>TIP Amendment for design funding was approved. Waiting on the federal authorization of the additional design funding.</i></b>
	<b>US 60 Spottsville Bridge</b>	Address deficiencies of the bridge over Green River	12/30/13	2/2/15	8/25/2015 & 10/19/17	3/18/16 & 8/21/19	8/2/19	9/1/19	10/25/19	On Going	Awarded to C J Mahan Construction on 11/1/19. Work on the substructure and embankment for the new bridge is underway.
	<b>KY 2084 at KY 812/Airline Rd</b>	Intersection upgrade with added turn lanes.	2/28/13	12/1/15	n/a	5/3/19	On Going	On Going			Right of way plans were submitted to KYTC. The consultant is working on final plans. <i>Utility design ongoing. KYTC is working on the signal design.</i> <b><i>Right-of-way is clear.</i></b>
	<b>KY 2183 and KY 1539</b>	Intersection project to improve safety.	n/a	On Hold							Design plan revisions, to minimize utility impacts and costs, are being discussed.

Dates    Non-italicized dates reflect the completion date for the activity,  
               Italicized dates reflect anticipated completion dates for the activity, where appropriate.



Updates on Funded INDOT Projects in MPO area

Contract	Project Manager	Project	Description	Preliminary Engineering/ Design				Right-of-Way	Design	Construction		Most Current Status Information
				Consultant Selection & NTP	Preliminary Field Check	Pubic Hearing / Meeting Notice	Environmental Approval	Right of Way Acquisition	Final Tracings	Bid Letting/ Award	Construction	
B-41167	Bullock, Matthew	Various locations on SR 62 between First Ave and Green River Rd	Thin deck overlay	5/17/2018	8/31/2018	N/A	6/24/2019	N/A	10/2/2019	12/11/19	On going	Plans were advertised for the 12/11/19 Letting. Project was awarded and Pre-Construction meeting was held 2/10/2020
B-40075	Bullock, Matthew	University Parkway Bridge over SR-62. SR 66 /St. Joseph Avenue over Locust Creek	Bridge thin deck overlay	5/15/2018	12/5/2018	N/A	12/17/2018	N/A	Complete.	3/4/2020	On going	Plans are advertised for the 3/4/2020 Letting. Ragle was the lowest Bidder, Contract recommended for award. Pre-Construction Meeting held 4/13/2020. <b>Construction is complete, Pre-Final Scheduled 11/13/2020.</b>
RS-39357	Malone, Brian	SR 66 From 2.2 miles E of SR-61 to E Jct SR-161 Reo	HMA Overlay. Some patching. No pipe or safety elements.	Complete	Complete	Complete	PCE 11/1/19	N/A	12/15/2019	5/7/2020	On going	Project is under construction
B-41137	Bullock, Matthew	SR 66 Over Little Creek, 1.68 miles W of SR-65 EBL & WBL	Bridge deck overlays	In-House	Complete	N/A	10/21/2019	N/A	Complete	8/5/2020	On going	Stage 2 Complete. Stage 3 Due to INDOT in January. Environmental Document complete. Working on Permit Applications. Final Field Check held 3/17/2020. Final Tracings have been submitted to the district and are being reviewed. Project will be advertised for the August 5th Letting. Received low bid from E&B Paving for \$698,636.16, project is recommended to be awarded. Pre-Construction meeting held for 9/15/2020.
B-41059	Bullock, Matthew	SR 62 Over Bruce Ditch, 01.37 mi N SR-162	Bridge deck overlays	8/24/2018	2/11/2020	N/A	2/26/2020	N/A	7/31/2020	11/10/2020		Preliminary Field Check Held 2/11/2020. Stage 3 plans are reviewed, Final Tracings are due 7/31/20. Project Documents are with INDOT Central Office for November Letting. <b>Apparent low bidder Ragle INC, low bid amount \$2,419,037.07.</b>
R-39921	Malone, Brian	SR 66 At Epworth Road, 0.16 mile E I-69	Intersection improvement project	Complete	Complete	TBD	Ongoing	N/A	10/1/2020	1/13/2021		County is unable to participate at this time. Proceeding with hybrid intersection design. Working towards public hearing.
R-37845	Bullock, Matthew	US 41 At Hillsdale Road, 2.04 miles N of SR 57	Intersection improvement project	9/2/2015	2/26/2020	7/21/2020	9/10/2020	On Going	8/21/2020	3/10/21		<b>R/W Engineering completed 11/4/2020, Getting lighting agreement in place with Vectren(CenterPoint). Final Tracings expected 11/30/2020.</b>
B-42109	Bullock, Matthew	US 41 NB Ramp over Eagle Creek, 0.31 S I-164 and US 41 Over SR-66/Diamond Ave	Bridge thin deck overlays	In-House	Upcoming	N/A		N/A	8/30/2021	12/8/2021		Bridge Inspection Reports are complete, Approach Survey Completed, Preliminary Plans expected in July, Final Plans received and are under review.
R-40551	Howder, Aubrey	SR 62, various locations between SR 61 and the West Jct SR-161	Small structure replacements	7/31/2018	8/15/2019	N/A	All approvals done by 9/2/2020	On Going		1/12/2022		Stage 1 complete, PRW plans in, Geotechnical and environmental work started, looking into eliminating guardrails. MPPA approved 3/27/20. ENV documents submitted for review. ENV approved for all Des. Permit determinations complete. Starting on Public Involvement process. Determined Unofficial Detour routes. <b>R/W appraising process started, PO sent on 11/07/2020.</b>
R-41410	Malone, Brian	US 41 From N of SR 66/SR 62 (Lloyd Expwy) to 0.74 mi N of SR 66 (Diamond Ave)	Pavement replacement	Complete			Ongoing	N/A	10/9/2022	1/19/2023		Pavement project divided at Diamond Ave and combined with US 41 Truss Bridge over Pigeon Creek. Design work proceeding. Waiting on final pavement design.
R-39923	Malone, Brian	US 41 At Lynch Road, 1.0 mi N of SR-66	Intersection Improvement. Added left turn lane on SB US 41. No improvements on Lynch other than resurface.	Complete	Complete	None	CE1 9/17/2019	N/A	6/1/2020	11/15/23		Project has been moved to FY 24 to help fund pavement replacement project on US 41 from Diamond Ave to the north end of the Project. This is going to happen with the US 41 Truss Bridge Project over Pigeon Creek.
R-42287	Malone, Brian	SR 62 From Rosenberger Rd (4.59 mi W of S Jct US-41) to 2.72 mi W of S Jct US-41 (Wabash Ave)	Pavement reconstruction with roadway safety elements. Includes bridge replacements over CSX, Tekoppel Ave, and Carpenter Creek. Also includes intersection improvements at Rosenberger Ave, St Joe Ave, Vann Ave, Burkhardt Rd, and Cross Pointe Blvd..	Complete						11/15/23		<b>Had press conference to announce project. Website and social media accounts are now live. Design work is proceeding.</b>
B-42876	Troy Arnold	US 41 Pedestrian walk at US41 & Washington Ave	Pedestrian Walkway	5/13/2020	TBD	TBD	9/23/2021	TBD	10/26/2022	2/15/2023		<b>10/23/2020 INDOT, HNTB, MPO and the City of Evansville met to discuss the Preliminary Alternatives report and to discuss the preferred alternative of a pedestrian bridge as close to Washington Avenue as possible. A stakeholder meeting and a public information meeting are both scheduled for November 18th.</b>

Non-italicized dates reflect the completion date for the activity.  
Italicized dates reflect anticipated completion dates for the activity, where appropriate.

**To:** Policy Board Members  
Technical Committee Members

**From:** Seyed Shokouhzadeh, Executive Director 

**Subject:** 2021 Safety Target Setting Recommendation

**Date:** November 5, 2020

The FAST Act and subsequent federal rulemaking established five performance measures related to safety. The measures are:

- Number of fatalities;
- Rate of fatalities per 100 million vehicle miles traveled;
- Number of serious injuries;
- Rate of serious injuries per 100 million vehicle miles traveled; and
- Number of non-motorized fatalities and serious injuries.


Federal regulations require state DOTs to establish and report annual targets to each of these five performance measures by August 31<sup>st</sup> of each year. MPOs are required to either adopt and support their DOT's statewide targets or set their own targets specific to their areas within 180 days of that date. At this time, the EMPO is recommending the adoption and support of the statewide targets for both INDOT and KYTC.

2021 Safety Targets	INDOT	KYTC
<i>Number of Fatalities</i>	817.3	720.0
<i>Number of Serious Injuries</i>	3311.4	2590.0
<i>Fatality Rate (per 100M VMT)</i>	1.006	1.500
<i>Serious Injury Rate (per 100M VMT)</i>	4.008	5.400
<i>Number Non-Motorized Fatalities and Serious Injuries</i>	393.6	285.0

SS/LL



**To:** Policy Board Members  
Technical Committee Members

**From:** Seyed Shokouhzadeh, Executive Director 

**Subject:** INDOT 4-Year Target Revisions - Recommendation

**Date:** November 5, 2020


The 2-year (2019) and 4-year (2021) performance measure targets for Truck Travel Time Reliability, NHS Bridge Condition, and Interstate and Non-Interstate Pavement Condition, along with other federally required targets, were originally approved by the EMPO Policy Board on November 8, 2018. As allowed by federal regulations, and given the additional years of baseline data, INDOT has opted to revise the 4-year (2021) targets as shown:

	Baseline data			Original 4-Year (2021) Target	Revised 4-Year Target
	2017	2018	2019		
<b>Reliability</b>					
Truck Travel Time Reliability (TTTR) Index				1.24	1.30
<b>Bridge Condition</b>					
Percentage of NHS Bridges Classified as in Good Condition	50.0	49.7	48.0	48.3	47.2
Percentage of NHS Bridges Classified as in Poor Condition	2.3	2.0	2.6	2.6	3.1
<b>Pavement Condition</b>					
Percentage of Pavements of the Interstate System in Good Condition	73.6	67.3	56.5	84.2	50.0
Percentage of Pavements of the Non-Interstate NHS in Good Condition	44.3	43.9	44.8	78.7	40.0

MPOs are required to either adopt and support their DOT's statewide targets or set their own targets specific to their areas within 180 days of that date of the revisions (10/5/20). As with the original submittal in 2018, the EMPO is recommending the adoption and support of these revisions to the INDOT statewide targets.

SS/LL

**To:** Policy Board Members  
Technical Committee Members

**From:** Seyed Shokouhzadeh, Executive Director 

**Subject:** KYTC 4-Year Target Revisions - Recommendation

**Date:** November 5, 2020

The 2-year (2019) and 4-year (2021) performance measure targets for Truck Travel Time Reliability, NHS Bridge Condition, and Interstate and Non-Interstate Pavement Condition, and Mobile Source Emissions, along with other federally required targets, were originally approved by the EMPO Policy Board on November 8, 2018. As allowed by federal regulations, and given the additional years of baseline data, KYTC has opted to revise the 4-year (2021) targets as shown:

	Baseline	2-Year Performance	Original 4-Year (2021) Target	Revised 4-Year Target
<b>Reliability</b>				
Truck Travel Time Reliability (TTTR) Index	1.24	1.24	1.25	1.30
<b>Bridge Condition</b>				
Percentage of NHS Bridges Classified as in Good Condition	34.8	29.7	35	27.0
Percentage of NHS Bridges Classified as in Poor Condition	3.8	3.7	3.2	3.6
<b>Pavement Condition</b>				
Percentage of Pavements of the Interstate System in Poor Condition		1.1	3.0	4.0
<b>Mobile Source Emissions</b>				
CMAQ volatile organic compounds (VOC)	4.930	41.045	200.000	48.000
CMAQ oxides of nitrogen (NOx)	33.400	97.856	200.000	36.000

MPOs are required to either adopt and support their DOT's statewide targets or set their own targets specific to their areas within 180 days of that date of the revisions (10/5/20). As with the original submittal in 2018, the EMPO is recommending the adoption and support of these revisions to the KYTC statewide targets.

SS/LL