



# MIAMI VALLEY

Regional Planning Commission

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## MEMORANDUM

**To:** Technical Advisory Committee, Board of Directors

**From:** MVRPC Staff

**Date:** September 13, 2018

**Subject:** Adoption of Resolution Supporting the FAST Act Performance Management Targets

The Fixing America's Surface Transportation Act (FAST Act) continues to place emphasis on the performance management approach first specified in the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21). It requires state DOTs, transit agencies, and MPOs to establish performance and outcome-based programs in several national priority areas.

While the various rules have different deadlines, generally, after a State DOT adopts targets for a particular rule, MPOs have 180 days from the date targets are established by a State to adopt their own targets or support the State's. The MPO deadline for adopting safety performance measure targets is February 27, 2019 and for measures regarding pavement, bridges, travel time reliability, freight travel time reliability, and emission reductions targets, the deadline is November 16, 2018. MVRPC has decided to support the State's targets for all applicable measures.

Exhibit 1 summarizes the safety measures and targets including the impact that a 1% annual reduction goal would have in the MVRPC area. Safety measures apply to all public roads and are adopted annually. Exhibit 2 summarizes measures and targets regarding pavement, bridges, travel time reliability, freight travel time reliability, and emission reductions. Measures described in Exhibit 2 generally apply to the National Highway System only and are adopted every four years.

A resolution to support the FAST Act performance management targets as established by ODOT is attached and staff recommends its adoption.

Attachments:

1. Summary of safety performance measures.
2. Summary of pavement, bridges, reliability, and CMAQ performance measures.
3. Resolution Supporting the FAST Act Performance Management Targets

## Exhibit 1: Summary of Safety Performance Measures.

Safety Performance Measure	2013-2017 Baseline State	2018 Target State	2019 Target*	2013-2017 Baseline MVRPC	2019 Target* MVRPC	Met Target or Progress? **
Number of Fatalities	1,083.4	1,051	1,062	77.0	75	No
Fatality Rate	0.93	0.91	0.91	0.89	0.87	No
Number of Serious Injuries	9,013.2	9,033	8,834	612.2	600	Yes
Serious Injury Rate	7.76	8.01	7.60	7.07	6.93	Yes
No. of Non-motorized Fatalities and Serious Injuries	852.8	840	836	66.4	65	Yes

\* Using a 1% annual reduction goal from baseline conditions.

\*\* First determination of progress would be made at the State level only, comparing 2018 targets to 2018 actuals. ODOT currently estimates that it will meet the targets for number of serious injuries and injury rate and make significant progress towards the number of Non-motorized Fatalities and Serious Injuries.

**Exhibit 2: Summary of Pavement, Bridge, Reliability, and CMAQ Performance Measures.**

<b>State Target</b>		<b>MVRPC</b>
<b>NHS Pavement Condition</b>	<b>4 Year</b>	<b>2017 Baseline</b>
Percentage of Interstate Pavements in Good Condition	50%	60.5%
Percentage of Interstate Pavements in Poor Condition	1%	0.0%
Percentage of Non-Interstate NHS Pavements in Good Condition	35%	<b>23.6%**</b>
Percentage of Non-Interstate NHS Pavements in Poor Condition	3%	2.3%
<b>NHS Bridge Condition</b>	<b>4 Year</b>	<b>2017 Baseline</b>
Percentage of NHS Bridges by deck area in Good Condition	50%	59%
Percentage of NHS Bridges by deck area in Poor Condition	5%	2%
<b>NHS Travel Time Reliability</b>	<b>4 Year</b>	<b>2017 Baseline</b>
Percent of person-miles traveled on the Interstate that are reliable	85%	98.9%
Percent of person-miles traveled on the Non-Interstate NHS that are reliable	80%	89.0%*
<b>Interstate Truck Travel Time Reliability</b>	<b>4 Year</b>	<b>2017 Baseline</b>
Interstate Truck Travel Time Reliability Index	<1.50	1.18
<b>Total CMAQ Emission Reduction</b>	<b>4 Year</b>	
VOC Total Emission Reduction	69 kg/day	NA
NOX Total Emission Reduction	537 kg/day	NA

\* Concerns about reliability of source data

\*\* Does not meet State's target for the measure



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## RESOLUTION SUPPORTING THE FAST ACT PERFORMANCE MANAGEMENT TARGETS

**WHEREAS**, the Miami Valley Regional Planning Commission is designated as the Metropolitan Planning Organization (MPO) by the Governor acting through the Ohio Department of Transportation in cooperation with locally elected officials for Greene, Miami, and Montgomery Counties including the jurisdictions of Franklin, Carlisle, Springboro and Franklin Township in Warren County; and

**WHEREAS**, the MVRPC's Board of Directors serves as the policy and decision making body through which local governments guide the MPO's transportation planning for the Dayton Metropolitan Area; and

**WHEREAS**, the Moving Ahead for Progress in the 21st Century Act (MAP-21) required State Departments of Transportation (DOTs) and MPOs to set targets for safety, pavement, bridges, travel time reliability, freight travel time reliability, and emission reductions measures, and the Fixing America's Surface Transportation (FAST Act) reaffirms this requirement; and

**WHEREAS**, the Ohio Department of Transportation had to report annual targets for safety measures by August 31<sup>st</sup>, 2018; and

**WHEREAS**, the Ohio Department of Transportation had to report annual targets for pavement, bridges, travel time reliability, freight travel time reliability, and emission reductions measures by May 20<sup>th</sup>, 2018; and

**WHEREAS**, MPOs have 180 days to set targets following the above mentioned deadlines; and

**WHEREAS**, MVRPC working with the Ohio Department of Transportation (ODOT) has chosen to support ODOT's targets.

**NOW, THEREFORE, BE IT RESOLVED**, that the Board of Directors of the Miami Valley Regional Planning Commission hereby supports ODOT's performance management targets as outlined in Exhibits 1 and 2 and agrees to plan and program projects that contribute to the achievement of such targets.

**BY ACTION OF THE** Miami Valley Regional Planning Commission's Board of Directors.

**Brian O. Martin, AICP**  
Executive Director

**John W. O'Brien, Chairperson**  
Board of Directors of the  
Miami Valley Regional Planning Commission

10/4/18

Date