

MEMORANDUM

To: Board of Directors

From: MVRPC Staff

Date: April 16, 2020

Subject: Adoption of the FAST Act Public Transportation Safety Performance 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 21st Century Act (MAP-21). It requires state DOTs, transit agencies, and MPOs to establish performance- and outcome-based programs in several national priority areas.

With respect to transit safety, the FAST Act requires operators of public transportation systems to develop safety plans that include processes and procedures needed to implement Safety Management Systems. To that end, each regional transit provider has prepared an individual safety plan and has established public transportation safety performance targets. Exhibit 1 summarizes the initial CY 2020 targets established by each transit agency by mode in relation to a historical baseline.

The MPO deadline for adopting public transportation safety performance targets is July 20, 2020 and a resolution to adopt the FAST Act public transportation safety performance targets as established by each of our regional transit agencies (the Greater Dayton Regional Transit Authority, the Greene County Transit Board, and the Miami County Transit System) is attached and staff recommends its adoption.

Attachments:

1. Summary of Public Transportation Safety Performance Targets
2. Resolution Adopting the FAST Act Public Transportation Safety Performance Targets

Summary of Public Transportation Safety Performance Targets

Greene CATS

Mode of Transit Service	Year	Fatalities	Fatality Rate Per Total Vehicle Revenue Miles	Injuries	Injury Rate Per Total Vehicle Revenue Miles	Safety Events	Event Rate Per Total Vehicle Revenue Miles	System Reliability (miles between service calls)
DR	CY 2014-2018 Baseline	0	0	1.2	0	2.2	0	89,552
DR	CY 2020 Target	0	0	1	0	2	0	91,380

Miami County Transit System

Mode of Transit Service	Year	Fatalities	Fatality Rate Per Total Vehicle Revenue Miles	Injuries	Injury Rate Per Total Vehicle Revenue Miles	Safety Events	Event Rate Per Total Vehicle Revenue Miles	System Reliability* (miles between service calls)
DR	CY 2014-2018 Baseline	0	0	0	0	1	0	0
DR	CY 2020 Target	0	0	0	0	1	0	0

GDRTA

Mode of Transit Service	Year	Fatalities**	Fatality Rate Per Total Vehicle Revenue Miles	Injuries	Injury Rate Per Total Vehicle Revenue Miles	Safety Events	Event Rate Per Total Vehicle Revenue Miles	System Reliability (miles between service calls)
FR	CY 2017-2019 Baseline	1/0/4	NA	NA	0.89/0.7/0.85	NA	2.14	1,405/1,508/1,872
FR	CY 2020 Target	0	NA	NA	0.83	NA	1.9	2,000
DR	CY 2017-2019 Baseline	0	NA	NA	0.33/0.5/0.61	NA	1.99	17,234/25,323/14,818
DR	CY 2020 Target	0	NA	NA	0.59	NA	1.72	16,000

* (0= There were no major mechanical failures from 2014-2018)

** GDRTA combines fatalities for FR and DR service

Greene CATS and MCTS targets are based on a 2% improvement based on average values of the baseline years, GDRTA targets are based on a 3% improvement based on linear regression of the baseline years.



MIAMI VALLEY

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RESOLUTION ADOPTING THE FAST ACT PUBLIC TRANSPORTATION SAFETY PERFORMANCE 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 Carlisle, Franklin, 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 Fixing America's Surface Transportation (FAST Act) requires operators of public transportation systems to develop safety plans that include the processes and procedures necessary to implement Safety Management Systems; and

WHEREAS, each regional transit provider has prepared an individual safety plan and has established public transportation safety performance targets; and

WHEREAS, the MVRPC working with the regional transit agencies (the Greater Dayton Regional Transit Authority, the Greene County Transit Board, and the Miami County Transit System) has chosen to adopt each agencies' targets.

NOW, THEREFORE, BE IT RESOLVED, that the Board of Directors of the Miami Valley Regional Planning Commission hereby adopts the regional transit agencies' public transportation safety performance targets as described in **Exhibit 1**.

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

Brian O. Martin, AICP
Executive Director

Chris Mucher, Chairperson
Board of Directors of the
Miami Valley Regional Planning Commission

May 7, 2020
Date