

SAFETY (incorporated into June 7, 2018 TIP Amendment)

Starting on May 27, 2018, TIP amendments must be developed in compliance with the transportation performance measure requirements of the FAST Act for safety measures. In November 2017 MVRPC's Board of Directors adopted a resolution supporting ODOT's safety performance management targets for the five performance measures outlined in the Fast Act. Ohio's targets infer a 1% annual reduction goal for each of the five safety performance measures. To aid in meeting those targets in the MVRPC Region, MVRPC continues to plan, program, and fund projects that have a positive impact in achieving the targets outlined in the State's HSIP report. To learn more about MVRPC's Safety Program go to <https://www.mvrpc.org/transportation/long-range-planning-lrtp/transportation-safety>.

TRANSIT ASSET MANAGEMENT (incorporated into September 6, 2018 TIP Amendment)

Starting on October 1, 2018, TIP amendments must be developed in compliance with the transportation performance measure requirements of the FAST Act regarding transit assets. In June 2017, MVRPC's Board of Directors adopted a resolution adopting transit asset management (State of Good Repair) targets and MVRPC is currently coordinating with the three regional transit agencies on their individual Transit Asset Management Plans (TAMs). MVRPC is also working on a TAM for the 5310 program assets and the 5310 program TAM is expected to be adopted at the October 4, 2018 Board of Directors' meeting. There are currently 33 active projects in the TIP that address assets that are the subjects of TAMs (vehicles and facilities). The total cost of these projects is over \$182 million.

SYSTEM CONDITIONS, RELIABILITY, AND CMAQ EMISSIONS (incorporated into June 6, 2019 TIP Amendment)

Introduction

Starting on May 20, 2019, TIP amendments must be developed in compliance with the transportation performance measure requirements of the FAST Act for pavement condition, bridge condition, National Highway System (NHS) travel time reliability, freight travel time reliability and emissions reduction measures. In October 2018, MVRPC's Board of Directors adopted a resolution supporting ODOT's performance management targets for all the performance measures under each rule, applicable to the MVRPC MPO region, as outlined in the FAST Act. Ohio's targets reflect a review of historical data and trends for each performance measure. To aid in meeting those targets in the MVRPC Region, MVRPC continues to plan, program, and fund projects that have a positive impact in achieving the targets set by the Ohio Department of Transportation (ODOT).

Pavement Condition

Of the currently active projects (98), funded with STP, CMAQ, and TA funds, between SFY 2019 and SFY 2023, 8 projects assist in improving pavement conditions on the NHS. All 8 projects are applicable only to the non-interstate NHS pavements, and are funded with STP funds. The total cost of these 8 projects is nearly \$12.3 million, which includes all phases of the projects and all funding sources. In addition to these projects, there are 17 pavement condition improvement projects with a total cost of \$46.3 million on the interstate system and 18 pavement condition improvement projects with a total cost of nearly \$19.2 million on the non-Interstate NHS system that are funded with ODOT controlled funds.

Bridge Condition

There are currently no bridge improvement projects on the NHS funded with MVRPC regionally controlled funds. There are 54 bridge improvement projects with a total cost of \$82.7 million on the NHS that are funded with ODOT controlled funds.

NHS Travel Time Reliability

Of the currently active projects (98), funded with STP, CMAQ, and TA funds, between SFY 2019 and SFY 2023, 3 projects assist in improving travel time reliability on the NHS. All 3 projects are applicable only to the non-interstate NHS. The total cost of these projects funded with STP and CMAQ funds is a little over \$6.7 million, which includes all phases of the projects and all funding sources. In addition to these projects, there might be additional travel time reliability improvement projects on the interstate system or projects with a larger scope on the non-interstate NHS as a part of ODOT funded TIP projects. Such projects tend to require larger investments, and are typically funded by ODOT.

Freight Travel Time Reliability

There are currently no freight travel time reliability improvement projects funded with MVRPC regionally controlled funds. Freight travel time reliability improvement projects are only applicable to the interstate system of the NHS, and might exist as a part of ODOT funded TIP projects. Since State DOTs have jurisdiction over the interstate system, and since such projects tend to require larger investments, they are typically funded by ODOT.

CMAQ Project Emissions Reduction

Of the currently active projects (98), funded with STP, CMAQ, and TA funds, between SFY 2019 and SFY 2023, 27 projects are MVRPC CMAQ-funded projects that would assist in reducing on-road mobile source emissions in the MVRPC MPO region. The cost of these 27 projects is nearly \$40 million, which includes all phases of the projects and all funding sources. An additional 4 projects, with a total cost of nearly \$53.6 million, are funded through ODOT's CMAQ program.

The table below summarizes the number of projects and their total cost under each performance management rule.

Rule	No. of Projects	Total Cost
Pavement Condition	43	\$77.8 million
Bridge Condition	54	\$82.7 million
NHS Travel Time Reliability	3	\$6.7 million
Freight Travel Time Reliability	0	N/A
CMAQ Emissions Reduction – MVRPC	27	\$40 million
CMAQ Emissions Reduction – ODOT CMAQ	4	\$53.6 million
Total CMAQ Emissions Reduction	31	\$93.6 million