

D. FY 2021-2024 TIP Amendment: MAP 21/FAST Act Regional Performance Measures and Targets Update

Federal surface transportation legislation requires that MPOs prepare and use a set of federally-established performance measures and set targets. Targets are required in the areas of roadway safety, transit asset management, transit safety, pavement condition, bridge condition, roadway performance, and freight. In 2022, MPOs must approve regional performance targets in three of these areas – roadway safety, transit asset management, and transit safety.

Roadway Safety

There are five safety measures that MPOs are required to establish targets and monitor progress for:

- Fatalities
- Fatality Rate
- Serious Injuries
- Serious Injury Rate
- Bike/Pedestrian Fatalities & Serious Injuries (combined)

A task force was formed from TTAC members to assist with the development of regional targets. The Regional Performance Measures Task Force convened on December 16, 2021, to discuss the 2022 safety performance measures and targets. The working group came to a consensus that HRTPO should continue to adopt Vision Zero targets for each of these measures, where the number of fatalities, serious injuries, and bike/pedestrian fatalities & serious injuries are reduced by a set amount each year to reach a goal of zero by 2050, the horizon of the upcoming regional Long-Range Transportation Plan.

Transit Asset Management

Federal legislation requires transit performance measures in the area of state of good repair, also referred to as transit asset management (TAM). There are four TAM asset categories that MPOs are required to establish targets and monitor progress for:

- Rolling Stock - Buses, ferry boats, light rail vehicles, and trolleybuses
- Equipment/Service Vehicles - Non-revenue automobiles, trucks, and other vehicles
- Infrastructure – Light rail
- Facilities – Passenger, parking, maintenance, and administrative facilities

Hampton Roads Transit (HRT), as a Tier I transit agency, must develop and carry out its TAM plans. As Tier II transit agencies, the Williamsburg Area Transit Authority (WATA) and Suffolk Transit are eligible to participate in group TAM plans, and they use statewide targets established by the Virginia Department of Rail and Public Transportation.

Transit Safety

There are four transit safety categories that MPOs are required to establish targets and monitor progress for:

- Fatalities
- Injuries
- Safety Events
- System Reliability

Similar to transit asset management, Tier I transit agencies such as HRT must develop and carry out their own Public Transportation Agency Safety Plans (PTASPs), and Tier II transit agencies such as WATA and Suffolk Transit are eligible to participate in the statewide PTASP.

HRTPO staff prepared a recommended list of regional transit safety targets, based on a weighted average of HRT, WATA, and Suffolk Transit 2022 targets.

HRTPO staff has prepared a website (<https://www.hrtpo.org/page/regional-performance-measures-and-targets/>) that describes these performance measures and targets.

The regional safety, transit asset management, and transit safety, performance targets were approved by the HRTPO Board at its January 2022 meeting.

RECOMMENDED ACTION:

Recommend HRTPO Board approval of the TIP amendment.