

RAPID CITY AREA METROPOLITAN PLANNING ORGANIZATION  
RESOLUTION #2017-01

A MINOR UPDATE TO THE RAPIDTRIP 2040 LONG RANGE TRANSPORTATION PLAN FOR THE ADDITION  
OF SAFETY PERFORMANCE MEASURES AND TRANSIT ASSET MANAGEMENT PROCEDURES

WHEREAS, on December 4, 2015, President Obama signed the Fixing America's Surface Transportation Act (FAST Act) (Pub. L. No. 114-94) into law; and

WHEREAS, the FAST Act contains Highway Safety Improvement Program (HSIP) and Safety Performance Management Measures (Safety PM) and WHEREAS The Safety PM Final Rule establishes five performance measures as the five-year rolling averages for: (1) Number of Fatalities; (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT); (3) Number of Serious Injuries; (4) Rate of Serious Injuries per 100 million VMT; and (5) Number of Non-motorized Fatalities and Non-motorized Serious Injuries; and

WHEREAS, the Safety PM Final Rule establishes the process for State Departments of Transportation (DOTs) and Metropolitan Planning Organizations (MPOs) to establish and report the required safety targets; and

WHEREAS, the South Dakota Department of Transportation (SDDOT) has established safety targets that coincide with those of the Safety PM, and the Rapid City Area MPO (RCMPO) has agreed to support SDDOT's safety targets; and

WHEREAS, on September 17, 2015 RCMPO adopted RapidTRIP 2040, the Long Range Transportation Plan (LRTP) which contains Safety Performance Measures on Page 106, measuring the change in (1) Severe Crashes per 100 million VMT, and (2) All Crashes per 100 million VMT; and

WHEREAS, RCMPO desires to amend the LRTP to utilize the safety performance measures established by SDDOT; and

WHEREAS, in 2012 the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21) mandated, and in 2015 FAST Act reauthorized, that the Federal Transit Administration (FTA) develop rules to establish a strategic and systematic process of operating, maintaining and improving public transportation capital assets effectively through the entire life cycle of all public transportation assets; and

WHEREAS, in July 2016 FTA published a Final Rule for Transit Asset Management (TAM), which requires FTA grantees to develop asset management plans for their public transportation assets, including vehicles, facilities, equipment, and other infrastructure; and

WHEREAS, RCMPO adopted RapidTRIP 2040, the Long Range Transportation Plan (LRTP) which contains Multi-Modal Mobility and Accessibility Performance Measures on Page 108, measuring the change in annual transit ridership; and

WHEREAS, Rapid Transit is the public transit provider for the City of Rapid City within the MPO and is categorized by FTA as a Tier II provider; and

WHEREAS, the Final Rule allows Tier II providers to separately develop an asset management plan or to participate in a Group Plan, which is compiled by a Group Plan Sponsor, generally the State DOT; and

WHEREAS, Rapid Transit has elected to participate in the Group Plan and comply with the SDDOT TAM goals; and

WHEREAS, in order to comply with FAST Act, RCMPO desires to amend the LRTP to incorporate the TAM goals as identified by Rapid Transit.

NOW, THEREFORE, BE IT RESOLVED by the RCMPO that

1. The performance measures established by the Safety PM be added to the performance measures listed on page 106 of the LRTP, as identified in Appendix A.
2. The MPO's support of the safety targets established by SDDOT be added to the Safety Implementation Strategies listed on page 106 of the LRTP, as identified in Appendix A.
3. The Transit Asset Management goals established by Rapid Transit be added to the performance measures listed on Page 108 of the LRTP, as identified in Appendix A.
4. The inclusion of Rapid Transit in the Group Plan established by SDDOT be added to the Multi-Modal Mobility and Accessibility Implementation Strategies listed on Page 108 of the LRTP, as identified in appendix A.

Dated this 14<sup>th</sup> day of September, 2017.

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Robert Heidgerken, Chair  
Rapid City Area MPO

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Dale Tech, Executive Director  
Rapid City MPO

## APPENDIX A

RapidTRIP 2040 Amended Page 106:

Safety Performance Measures:

Add:

Performance Measure 3- Number of Fatalities: Maintain the traffic fatalities five-year average at 130 or less for 2014-2018.

Performance Measure 4- Rate of Fatalities per 100 million Vehicle Miles Traveled: Maintain a fatalities per 100 million VMT rate five-year average at 1.34 or less for 2014-2018.

Performance Measure 5- Number of Serious Injuries: Maintain the serious injuries five-year average of 759 or less for 2014-2018.

Performance Measure 6- Rate of Serious Injuries per 100 million Vehicle Miles Traveled: Maintain a serious injuries per 100 million VMT rate five-year average at 7.86 or less for 2014-2018.

Performance Measure 7- Number of Non-motorized Fatalities and Non-motorized Serious Injuries: Maintain the non-motorized fatalities five-year average at eight or fewer per year for 2014-2018 and maintain the non-motorized serious injuries five-year average at 35 or fewer for 2014-2018.

Implementation Strategies:

Add:

- Support the safety targets established by the SDDOT
- SDDOT will report to FHWA

RapidTRIP 2040 Amended Page 108:

Multi-Modal Mobility and Accessibility Performance Measures:

Add:

The Rapid Transit System Transit Asset Management Goals for State of Good Repair (SGR) of:

Revenue Vehicles: Twenty percent (20%) or less meet or exceed their Useful Life Benchmarks (ULB).

Equipment (non-revenue) service vehicles: Thirty percent (30%) or less meet or exceed their ULB.

Facilities: Five percent (5%) or less rate below 3.0 on the Transit Economic Requirements Model condition assessment scale.

Implementation Strategies:

Add:

- Support the TAM Group Plan established by Rapid Transit
- Rapid Transit will provide an annual report to the MPO