

## **ACTION TRANSMITTAL 2018-55**

**DATE:** December 7, 2018  
**TO:** Transportation Advisory Board  
**FROM:** Technical Advisory Committee  
**PREPARED BY:** David Burns, Senior Highway Planner (651) 602-1887  
**SUBJECT:** Proposed Safety Performance Measures and 2019 Targets  
**REQUESTED ACTION:** Request that the Transportation Advisory Board adopt the proposed safety performance measures and short-term targets and recommend adoption by the Metropolitan Council.  
**RECOMMENDED MOTION:** Recommend adoption of the safety performance measures and short-term targets for the Metropolitan Council Planning Area.

**BACKGROUND AND PURPOSE OF ACTION:** Pursuant to 23 CFR 490.29, all State DOTs and Metropolitan Planning Organizations (MPOs) must adopt a program to measure system performance and set performance targets in order to monitor progress. These performance measures are divided into the following three categories:

- Safety Performance Measures (PM1);
- Pavement/Bridge Performance Measures (PM2); and
- System Performance Measures and CMAQ (PM3).

Each of the performance measure programs have different timelines for adoption and implementation for both state DOTs and MPOs. MPOs are given an additional 180 days after the DOT adoption to either adopt the state-wide target or chose an alternative target. MnDOT officially adopted the updated safety performance measures and established statewide targets on August 31, 2018. The Council must adopt updated safety performance measure targets no later than February 27, 2019.

Per federal requirements, both the state DOTs and MPOs must establish targets for five safety performance measures. MnDOT has set targets based upon a 1.5% and 5% annual reduction from the 2017 base-year data for crashes involving fatalities and serious injuries, respectively. The following are MnDOT's adopted **state-wide** 2019 targets for the five federally-required measures:

- Number of traffic fatalities: 347
- Fatality rate (fatalities per 100 million vehicle miles travelled): 0.62 per 100M vehicle miles travelled
- Serious injuries: 1,708
- Serious injury rate (number of serious injuries per 100 million vehicle miles travelled): 2.85 per 100M VMT
- Non-motorized fatalities and serious injuries: 241

Staff recommends using the same methodology as MnDOT to calculate safety targets for the Council’s metropolitan planning area. Using this methodology, the following are the proposed 2019 **metropolitan area** safety targets:

- Number of traffic fatalities: 108
- Fatality rate (fatalities per 100 million vehicle miles travelled): 0.34 per 100M vehicle miles travelled
- Serious injuries: 748
- Serious injury rate (number of serious injuries per 100 million vehicle miles travelled): 2.37 per 100M VMT
- Non-motorized fatalities and serious injuries: 190

**RELATIONSHIP TO REGIONAL POLICY:** The current 2040 Transportation Policy Plan includes a listing of performance measures used to monitor and assess system performance. These performance measures support the six over-arching transportation system goals of the TPP. The proposed safety performance measures and targets directly support the Safety and Security goal of the 2040 TPP, while simultaneously fulfilling the federal requirements of an MPO.

**STAFF ANALYSIS:** Overall, the total number and rate of crashes involving fatalities and serious injuries is lower in the metro area than the state as a whole. The desired trend is to continue to make progress for improving safety for all modes within the region. The annual rate of reduction adopted by MnDOT is reasonable and likely attainable.

**COMMITTEE ACTION:** TAC Planning moved to recommend the motion. The Technical Advisory Committee moved to recommend the motion. Motion passed.

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**ROUTING**

<b>TO</b>	<b>ACTION REQUESTED</b>	<b>DATE COMPLETED</b>
TAC Planning	Review and Recommend	11-8-2018
Technical Advisory Committee	Review and Recommend	12-5-2018
Transportation Advisory Board	Review and Recommend	
Metropolitan Council Transportation Committee	Review & Recommend	
Metropolitan Council	Review and Approve	