ITEM #:
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 DATE:
 01-23-24

 DEPT:
 AAMPO

TRANSPORTATION POLICY COMMITTEE ACTION FORM

SUBJECT: ROADWAY SAFETY TARGETS

BACKGROUND:

The Iowa Department of Transportation submitted its State Highway Safety Improvement Program (HSIP) annual report to the Federal Highway Administration on August 31, 2023. Included in this report are the State's 2020-2024 roadway safety targets for the performance measures established in 23 § 490.207. The table below shows these targets:

Performance Measure	Five-Year Rolling Averages	
	2018-2022 Baseline	2020-2024 Target
Number of Fatalities	338.6	352.6
Fatality Rate*	1.036	1.080
Number of Serious Injuries	1,363.2	1,419.8
Serious Injury Rate*	4.166	4.344
Non-Motorized Fatalities and Serious Injuries	136.4	138.2

^{*} Rates are per 100 million vehicle miles traveled (VMT)

Attached is the Iowa Department of Transportation's methodology for the development of these roadway safety targets. One key change from the previous target setting methodology is switching to the use of an 85% confidence level (meaning that there would be 85% confidence that the actual number of fatalities and injuries would be lower than the targets) instead of the previously used 75% confidence level. In summary, a higher confidence level constitutes a "more conservative" target, which is a major reason why the 2020-2024 targets show an increase from the 2018-2022 baseline.

Each MPO is required to establish 2020-2024 roadway safety targets within 180 days of the State. Since the HSIP report and included targets were submitted to FHWA on August 31, 2023, **the MPO's deadline to establish roadway safety targets is February 27, 2024.** MPOs can either choose to support the State's target or set their own quantifiable targets in a process approved by the Iowa DOT. Previously, the AAMPO Policy Committee has always chosen to support the IDOT's targets.

These performance measures apply to all public roadways within the Ames Area MPO, regardless of classification or ownership. Upon approving roadway safety measures, the Ames Area MPO will need to reflect the performance measures and targets in all future Metropolitan Transportation Plans and Transportation Improvement Programs. Each update to the Metropolitan Transportation Plan will report system performance measure progress towards achieving these targets. The Transportation Improvement Programs will be required to describe how implementation of the TIP anticipates making progress towards achieving the targets.

ALTERNATIVES:

- 1. Support the roadway safety targets established by the Iowa Department of Transportation in coordination with Iowa MPOs.
- 2. Direct the AAMPO to set its own quantifiable targets for the roadway safety performance measures in coordination with the Iowa Department of Transportation.

MPO DIRECTOR'S RECOMMENDED ACTION:

The Iowa DOT developed these roadway safety targets in coordination with all the Iowa MPOs. On January 11, 2024, the AAMPO Transportation Technical Committee unanimously recommended supporting the state's targets. Therefore, it is the recommendation of the MPO Director that the Transportation Policy Committee adopt Alternative No. 1, as noted above.

ATTACHMENT(S):

Roadway Safety Target Methodology.pdf