



## COMMONWEALTH of VIRGINIA

### *Commonwealth Transportation Board*

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*Agenda item # 7*

### RESOLUTION OF THE COMMONWEALTH TRANSPORTATION BOARD

July 18, 2018

#### MOTION

**Made By: Mr. Yates, Seconded By: Mr. Kasprowicz**  
**Action: Motion Carried, Unanimously**

#### **Title: Approval of Annual Safety Performance Targets for Calendar Year 2019**

**WHEREAS**, pursuant to §2.2-229 of the *Code of Virginia*, as amended by Chapter 828 of the 2018 Acts of Assembly, it is the responsibility of the Office of Intermodal Planning and Investment (OIPI) to develop measures and targets related to the performance of the Commonwealth's surface transportation network for the Commonwealth Transportation Board's (Board) approval, *including any performance measurement required by Title 23 or 49 of the United States Code*; and

**WHEREAS**, Public Law 112-141, the Moving Ahead for Progress in the 21<sup>st</sup> Century Act (MAP-21) amended 23 USC 150, providing that, “[p]erformance management will transform the Federal-aid highway program and provide a means to the most efficient investment of Federal transportation funds by refocusing on national transportation goals, increasing the accountability and transparency of the Federal-aid highway program, and improving project decision-making through performance-based planning and programming.” Pursuant to 23 USC 150, the Federal-aid highway program is to be focused on national transportation goals in the areas of safety, infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability, and reduced project delivery delays; and

**WHEREAS**, MAP-21 also amended 23 USC 150 to direct the United States Secretary of Transportation, in consultation with State departments of transportation, metropolitan planning organizations, and other stakeholders, to promulgate a rulemaking that establishes performance measures and standards relating to the national transportation goals and for each state to set performance targets that reflect the performance measures established in said rule(s); and

**WHEREAS**, various federal regulations were promulgated to address and set forth the requirements for, among other things, safety performance measures and targets relating to the Highway Safety Improvement Program (Safety Performance Regulations), including 23 CFR §§490.207 and 490.209, which require State Department of Transportations and Metropolitan Planning Organizations to set targets for five safety related performance measures (Safety Performance Targets); and

**WHEREAS**, 23 CFR §§490.207 and 490.209 require the state to set Safety Performance Targets, which apply to all public roads, for the following five measures; number of fatalities, rate of fatalities per 100 million vehicle miles traveled (VMT), number of serious injuries, rate of serious injuries per 100 million VMT, and number of non-motorized fatalities and serious injuries; and

**WHEREAS**, 23 CFR §490.209(a)(1) requires the targets established by the state Department of Transportation to be identical to the targets established by the State Highway Safety Office (represented by the Department of Motor Vehicles) and reported in the State's Highway Safety Plan/State Strategic Highway Safety Plan for three common safety performance measures, namely number of fatalities, rate of fatalities per 100 million VMT, and number of serious injuries (common Safety Performance Targets); and

**WHEREAS**, in accordance with 23 CFR §§ 490.207, 490.209, 490.213 and 924.15, targets for the MAP-21 performance measures relating to safety were to be established and first reported in August 2017 and must be established and reported by August 31 of each subsequent year; and

**WHEREAS**, the Office of Intermodal Planning and Investment (OIPI) working collaboratively with the Virginia Department of Transportation (VDOT) has for Calendar Year 2019 established proposed Safety Performance Targets using a trend analysis methodology, and where applicable, has coordinated with DMV and agreed on target setting methodologies to establish the proposed common Safety Performance Targets set out in Table A below, having complied with the safety target setting and reporting requirements set forth in 23 CFR §§ 490.207, 490.209, 490.213 and 924.15; and

**WHEREAS**, OIPI in consultation with VDOT recommends adoption of the proposed Calendar Year 2019 Safety Performance Targets set forth in Table A below:

**Table A**

<b>Annual Safety Performance Measures</b>	<b>2019 Target</b>
Number of Fatalities	840
Rate of Fatalities per 100 million VMT	0.94
Number of Serious Injuries	7,689
Rate of Serious Injuries per 100 million VMT	8.75
Number of Non-Motorized Fatalities and Serious Injuries	714

**NOW THEREFORE, BE IT RESOLVED**, that the Commonwealth Transportation Board hereby approves, for each of the safety performance measures referenced therein, the Safety Performance Targets set forth in Table A for calendar year 2019.

**BE IT FURTHER RESOLVED**, that the CTB hereby directs OIPI, in consultation with VDOT and DMV, to develop a more rigorous data-driven methodology that will be used in the future to establish targets for the Federal Safety Performance Measures.

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## CTB Decision Brief

### Approval of Annual Safety Performance Targets for Calendar Year 2019

**Issue:** In accordance with §2.2-229 of the *Code of Virginia*, the Commonwealth Transportation Board (CTB) must approve measures and targets related to the performance of the Commonwealth's surface transportation network, including any performance measurement required by Title 23 or 49 of the United States Code. In accordance with 23 CFR §§490.207, 490.209, 490.213 and 924.15, targets for five federally mandated safety performance measures (Safety Performance Targets) must be established annually and reported by August 31 of each year. CTB approval of OIPI and VDOT-proposed Safety Performance Targets is requested.

**Facts:** In 2012 Congress passed the Moving Ahead for Progress in the 21<sup>st</sup> Century (MAP-21) and in 2015, the Fixing America's Surface Transportation (FAST) Act that mandated/continued the mandate for establishment of performance management to transform the Federal-aid highway program and provide a means to the most efficient investment of Federal transportation funds by refocusing on national transportation goals, increasing the accountability and transparency of the Federal-aid highway program, and improving project decision-making through performance-based planning and programming. One such national transportation goal focuses on safety and seeks to achieve a significant reduction in traffic fatalities and serious injuries on all roads. The remaining national transportation goals focus on infrastructure condition, congestion reduction, system reliability, freight movement and economic vitality, environmental sustainability, and reduced project delivery delays.

Pursuant to MAP-21 and the FAST Act, various federal regulations were promulgated to address and set forth the requirements for, among other things, safety performance measures and targets relating to the Highway Safety Improvement Program (Safety Performance Regulations), including 23 CFR §§490.207 and 490.209, which require State Department of Transportations and Metropolitan Planning Organizations to set Safety Performance Targets for five measures. Additionally, the Safety Performance Regulations require the State DOT and the State Highway Safety Office (represented by the Department of Motor Vehicles) to establish identical targets for three of the five measures. Safety Performance Targets were first established and reported in August 2017 for Calendar Year 2018 without CTB approval; however, with changes to §2.2-229 of the *Code of Virginia* that became effective on July 1, 2018, CTB approval is now required.

The Office of Intermodal Planning and Investment has coordinated and worked collaboratively with VDOT and DMV and agreed on target setting methodologies (based on an annual trend line) and proposed targets for Calendar Year 2019 in accordance with the reporting requirements and pursuant to development and publication of the 2017-2021 Virginia Strategic Highway Safety Plan. The proposed targets for the five safety performance measures (Proposed Safety Performance Targets) are set forth below:

Annual Safety Performance Measures	2019 Target
Number of Fatalities <sup>1</sup>	840
Rate of Fatalities per 100 million VMT <sup>1</sup>	0.94
Number of Serious Injuries <sup>1</sup>	7,689
Rate of Serious Injuries per 100 million VMT	8.75
Number of Non-Motorized Fatalities and Serious Injuries	714

The target setting methodology for Calendar Year 2019 was designed to ensure no degradation in performance related to the Federal Safety Performance Measures and in so doing establishes a maximum threshold for said measures. However, based on input of the CTB, OIPI, VDOT and DMV are examining a more rigorous data-driven methodology that could be used in the future to establish targets to better inform performance based planning and programming and drive future investment decisions or policies relating to safety.

**Recommendations:** OIPI in consultation with VDOT recommend the approval of the Proposed Safety Performance Targets.

**Action Required by CTB:** The CTB will be presented with a resolution for a formal vote to approve the Proposed Safety Performance Targets for Calendar Year 2019 and to direct OIPI and VDOT to develop a more rigorous data-driven methodology that will be used in the future to establish targets.

**Result, if Approved:** If approved, targets will be reported prior to the August 31 deadline.

**Options:** Approve, Deny, or Defer.

**Public Comments/Reactions:** None

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<sup>1</sup> Safety Performance Targets common to both VDOT and DMV