



# COMMONWEALTH of VIRGINIA

## *Commonwealth Transportation Board*

Shannon Valentine  
Chairperson

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*Agenda item # 9*

### **RESOLUTION OF THE COMMONWEALTH TRANSPORTATION BOARD**

**December 11, 2019**

#### **MOTION**

**Made By: Mr. Rucker, Seconded By: Mr. Johnsen**  
**Action: Motion Carried, Unanimously**

#### **Title: Approval of Comprehensive Review Report related to the Robert O. Norris Bridge and Statewide Special Structures Fund and Asset Condition Performance Targets**

**WHEREAS**, Chapters 83 and 349 of the 2019 Acts of Assembly established the Robert O. Norris Bridge and Statewide Special Structure Fund, now set forth in Va. Code § 33.2-1532; and

**WHEREAS**, Chapters 83 and 349, of the 2019 Acts of Assembly also required the Commonwealth Transportation Board (“the Board”) to undertake a comprehensive review (the “Comprehensive Review”) of the current and future condition of pavements and bridges in the Commonwealth, specifying that the review shall at a minimum (i) consider current conditions and performance targets for pavements and bridges, (ii) consider current investment strategies of the Highway Maintenance and Operating Fund and the State of Good Repair Program, (iii) recommend new performance targets for pavements and bridges with a sustainable performance over a 20-year period, and (iv) develop an investment strategy for the Highway Maintenance and Operating Fund and the State of Good Repair Program to achieve those sustainable performance targets, including a plan to address the funding needs of large and unique bridges and tunnel structures in the Commonwealth; and

**WHEREAS**, Chapters 83 and 349, of the 2019 Acts of Assembly required the Board to provide a report regarding the Comprehensive Review to the General Assembly by December 1, 2019 (“Comprehensive Review Report”); and

**WHEREAS**, while the Highway Maintenance and Operating Fund is legislatively distributed to other Commonwealth agencies and entities, the Comprehensive Review Report focused on VDOT’s Highway Maintenance and Operations Program, namely the portion of the Highway Maintenance and Operating Fund allocated to VDOT; and

**WHEREAS**, the Board is being provided a draft Comprehensive Review Report for review and comment and may offer additional edits and comments to the draft Comprehensive Review Report, and in order to facilitate timely submission of the Comprehensive Review Report, the Commissioner of Highways will need authority to update the report with the edits requested by the Board prior to submission; and

**WHEREAS**, pursuant to §2.2-229, 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 Board's approval, including any performance measurement required by Title 23 or 49 of the United States Code and any measures adopted by the Board pursuant to § 33.2-353; and

**WHEREAS**, on September 18, 2018 pursuant to 23 CFR §§490.307 and 490.407, the Board adopted Asset Condition Performance Targets relating to pavement and structure condition, which apply only to the National Highway System (NHS), which is limited to approximately 15 percent of the VDOT owned network; and

**WHEREAS**, OIPI, working collaboratively with VDOT to address item (iii) of the Comprehensive Review, has proposed the long term sustainable statewide asset condition performance measures and targets by roadway system for pavements and structures set out in Table A (Pavements and Structures Long-Term Sustainable Performance Measures and Targets); and

**WHEREAS**, OIPI, in consultation with VDOT, recommends adoption of the proposed Pavements and Structures Long-Term Sustainable Performance Measures and Targets set forth in Table A and incorporation of these measures and targets into the Statewide Transportation Plan pursuant to § [33.2-353](#) to address the Plan’s goal for Proactive System Management:

**TABLE A: Pavement and Structures Long-Term Sustainable Performance Measures and Targets**

Asset	Interstate	Primary	Secondary	Average General Condition Rating
Pavement Sufficiency Rating	82 percent	AADT ≥ 3,500 – 82 percent AADT < 3,500 – 75 percent	AADT ≥ 3,500 – 82 percent AADT < 3,500 – 60 percent	N/A
Structures – Excluding the Special Structures Categories Tunnels and Movable Bridges	≥ 97 percent No postings	≥ 93 percent	≥ 90 percent	≥ 5.6

Resolution of the Board

Approval of Comprehensive Review Report related to the Robert O. Norris Bridge and Statewide Special Structures Fund and Asset Condition Performance Targets

December 11, 2019

Page 3 of 3

**WHEREAS**, the Comprehensive Review Report recommends development of a Special Structures health index and risk-based prioritization of projects; and

**WHEREAS**, the Comprehensive Review Report recommends the Commissioner of Highways to report on annual basis to the Board, the (i) projected and actual performance of the pavements, structures and Special Structures and (ii) planned and accomplished routine maintenance work; and

**NOW, THEREFORE, BE IT RESOLVED**, by the Board, that the Comprehensive Review Report, which may be amended by the Commissioner to incorporate edits and changes requested by the Board and other non-substantive modifications as deemed appropriate by the Secretary of Transportation, is approved.

**BE IT FURTHER RESOLVED**, that the Secretary of Transportation or her designee is authorized to take all actions necessary to submit the Comprehensive Review Report to the General Assembly.

**BE IT FURTHER RESOLVED**, that the Board hereby approves the Pavements and Structures Long-Term Sustainable Performance Measures and Targets set forth in Table A.

**BE IT FURTHER RESOLVED**, that the Board supports VDOT in developing a Special Structures health index and risk-based prioritization of projects and requests that VDOT present said prioritization to the Board.

**BE IT FURTHER RESOLVED**, that the Board directs the Commissioner of Highways to report on annual basis the (i) projected and actual performance of the pavements, structures and Special Structures and (ii) planned and accomplished routine maintenance work.

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**CTB Decision Brief**

**Approval of Comprehensive Review Report related to the Robert O. Norris Bridge and Statewide Special Structures Fund and Asset Condition Performance Targets**

**Issue:** The Office of Intermodal Planning and Investment (“OIPI”), and Virginia Department of Transportation (“VDOT”) seek from the Commonwealth Transportation Board (“Board”) the following actions: (i) approval of the proposed Pavements and Structures Long-Term Sustainable Performance Measures and Targets set forth in Table A and incorporation of these measures and targets into the Statewide Transportation Plan pursuant to § [33.2-353](#) to address the Plan’s goal for Proactive System Management:

**TABLE A: Pavement and Structures Long-Term Sustainable Performance Measures and Targets**

<b>Asset</b>	<b>Interstate</b>	<b>Primary</b>	<b>Secondary</b>	<b>Average General Condition Rating</b>
Pavement Sufficiency Rating	82 percent	AADT ≥ 3,500 – 82 percent AADT < 3,500 – 75 percent	AADT ≥ 3,500 – 82 percent AADT < 3,500 – 60 percent	N/A
Structures – Excluding the Special Structures Categories Tunnels and Movable Bridges	≥ 97 percent No postings	≥ 93 percent	≥ 90 percent	≥ 5.6

(ii) support for the development of a Special Structures health index and risk-based prioritization of projects; (iii) direction for the Commissioner of Highways to report on an annual basis to the Board, the (a) projected and actual performance of the pavements, structures and Special Structures and (b) planned and accomplished routine maintenance work, and (iv) approval of the FY 2019 Comprehensive Review Report.

**Facts:** Chapters 83 and 349 of the 2019 Acts of Assembly established the Robert O. Norris Bridge and Statewide Special Structure Fund, now set forth in Va. Code § 33.2-1532. Chapters 83 and 349 of the 2019 Acts of Assembly required the Board undertake a comprehensive review (the “Comprehensive Review”) of the current and future condition of pavements and bridges in the Commonwealth, specifying that the review shall at a minimum (i) consider current conditions and performance targets for pavements and bridges, (ii) consider current investment strategies of the Highway Maintenance and Operating Fund and the State of Good Repair Program, (iii) recommend new performance targets for pavements and bridges with a sustainable performance over a 20-year period, and (iv) develop an investment strategy for the Highway Maintenance and Operating Fund and the State of Good Repair Program to achieve those sustainable performance targets, including a plan to address the funding needs of large and unique bridges and tunnel structures in the Commonwealth.

Chapters 83 and 349, of the 2019 Acts of Assembly required the Board to provide a report regarding the Comprehensive Review to the General Assembly by December 1, 2019 (“Comprehensive Review Report”). While the Highway Maintenance and Operating Fund is

legislatively distributed to other Commonwealth agencies and entities, the Comprehensive Review Report focused on VDOT's Highway Maintenance and Operations Program, namely the portion of the Highway Maintenance and Operating Fund allocated to VDOT.

Pursuant to §2.2-229, it is the responsibility of the OIPI to develop measures and targets related to the performance of the Commonwealth's surface transportation network for the Board's approval, including any performance measurement required by Title 23 or 49 of the United States Code and any measures adopted by the Board pursuant to § 33.2-353. On September 18, 2018, pursuant to 23 CFR §§490.307 and 490.407, the Board adopted Asset Condition Performance Targets relating to pavement and structure condition, which apply only to the National Highway System (NHS), which is limited to approximately 15 percent of the VDOT owned network.

OIPI, worked collaboratively with VDOT to address item (iii) of the Comprehensive Review, and has proposed the long term sustainable statewide asset condition performance measures and targets by roadway system for pavements and structures set out in Table A (Pavements and Structures Long-Term Sustainable Performance Measures and Targets).

**Recommendations:** OIPI and VDOT recommend that the Board (i) approve the proposed Pavements and Structures Long-Term Sustainable Performance Measures and Targets set forth in Table A and incorporation of these measures and targets into the Statewide Transportation Plan pursuant to § [33.2-353](#) to address the Plan's goal for Proactive System Management, (ii) support the development of a Special Structures health index and risk-based prioritization of projects; (iii) direct the Commissioner of Highways to report on an annual basis to the Board, the (a) projected and actual performance of the pavements, structures and Special Structures and (b) planned and accomplished routine maintenance work, and (iv) approve the FY 2019 Comprehensive Review Report.

**Action Required by CTB:** The Board is requested to consider and approve the resolution by a formal vote.

**Result, if Approved:** VDOT will implement the approved performance measures set forth in Table A; develop a Special Structures health index and risk-based prioritization of projects; report on annual basis to the Board, the (a) projected and actual performance of the pavements, structures and Special Structures and (b) planned and accomplished routine maintenance work, and submit the FY 2019 Comprehensive Review Report.

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