COMMONWEALTH of VIRGINIA
Office of the
SECRETARY of TRANSPORTATION

# VTrans Performance Measures and the 2025 OIPI Biennial Report

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October 14, 2025

# Purpose of Today's Presentation




This presentation includes:

- Surface Transportation Performance results
  - In April 2025, the CTB revised its Vision, Guiding Principles, Goals and Objectives.
  - As part of its actions in April 2025, the CTB also adopted measures and targets to monitor and evaluate performance against the goals and objectives.
  - The March 2025 presentation includes the proposed measures targets. https://ctb.virginia.gov/media/ctb/agendas-and-meeting-minutes/2025/03/2025-03-ctb-vtrans-measures.pdf
- 2025 Biennial Report on Surface Transportation requirements

TRANSPORTATION PERFORMANCE MANAGEMENT

# Surface Transportation Performance – VTrans Objectives and Measures

# Performance Reporting Structure

TRANSPORTATION PERFORMANCE MANAGEMENT

- **Measure**
  - A metric used to measure performance of an objective
- **Current Performance**
  - The most recent available data point for the performance measure
- **Target**
  - The established target for the performance measure established by the CTB
- **Desired Trend**
  - The desired trend for the performance measure established by the CTB
- **Current Performance Trend**
  - The current performance measure trend for the previous identified timeframe

## Current Performance Trend Indicators



Target Met



Target Missed, Making Progress



Target Missed, Needs Attention

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# Goal A: Reduce fatalities and serious injuries to make the transportation network safer for the traveling public.

# Objective A.1-A.2: Reduce Highway Fatalities and Serious Injuries

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| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **A.1.i:** Annual fatalities | **918** (CY 2024) | **819** | Lower Is Better ↓ |  |
| **A.1.i:** Annual fatalities per 100 million VMT | **1.04** (CY 2024) | **0.894** | Lower Is Better ↓ |  |
| **A.1.ii:** Annual serious injuries | **7,230** (CY 2024) | **6,829** | Lower Is Better ↓ |  |
| **A.1.ii:** Annual serious injuries per 100 million VMT | **8.22** (CY 2024) | **7.457** | Lower Is Better ↓ |  |
| **A.2.i:** Total non-motorized fatalities and serious injuries | **767** (CY 2024) | **619** | Lower Is Better ↓ |  |

***VMT – Vehicles Miles Traveled***

# Objective A.2: Reduce Transit Fatalities and Serious Injuries

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| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| A.3.i: Total transit fatalities | **3** (FY 2023) | **0** | Lower Is Better ↓ |  |
| A.3.i: Transit fatalities per 100,000 VRM | **0.005** (FY 2023) | **0** | Lower Is Better ↓ |  |
| A.3.ii: Total transit injuries | **196** (FY 2023) | **204** | Lower Is Better ↓ |  |
| A.3.ii: Transit injuries per 100,000 VRM | **0.328** (FY 2023) | **0.295** | Lower Is Better ↓ |  |
| A.3.iii: Total safety events | **229** (FY 2023) | **217** | Lower Is Better ↓ |  |
| A.3.iii: Events per 100,000 VRM | **0.383** (FY 2023) | **0.317** | Lower Is Better ↓ |  |

***VRM – Vehicle Revenue Miles***

# Goal A Highlights

TRANSPORTATION PERFORMANCE MANAGEMENT




***Safety Service Patrol***




***Transit Ridership Incentive Program***

TRANSPORTATION PERFORMANCE MANAGEMENT

# Goal B: Provide well-maintained and managed transportation infrastructure and services across the Commonwealth.

# Objective B.1: Ensure Highway State of Good Repair

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | | | Target | | | Desired Trend | Current Performance Trend |
|---|---|---|---|---|---|---|---|---|
| | Interstate | Primary | Secondary | Interstate | Primary | Secondary | | |
| **B.1.i:** Percentage of Sufficient Lane Miles (Pavement - High Volume) | **88%** (CY2024) | **83%** (CY 2024) | **79%** (CY 2024) | **82%** | **82%** | **82%** | Higher Is Better ↑ |  |
| **B.1.i:** Percentage of Sufficient Lane Miles (Pavement - Low Volume) | N/A | **78%** (CY 2024) | **61%** (CY 2024) | N/A | **75%** | **60%** | Higher Is Better ↑ |  |
| **B.1.ii:** Average Weighted General Condition Rating (Bridge) | **6.10** (FY 2025) | **6.20** (FY 2025) | **6.50** (FY 2025) | **5.60** | **5.60** | **5.60** | Higher Is Better ↑ |  |
| **B.1.iii:** Percentage of non-poor (sufficient) condition structures | **99%** (FY 2025) | **98%** (FY 2025) | **96%** (FY 2025) | **97%** | **93%** | **90%** | Higher Is Better ↑ |  |

# Objective B.1: Ensure Highway State of Good Repair (cont.)

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **B.1.iv:** Special Structures 50-year long-term plan update (annually) and report to CTB (biennially) | **Update plan and report to CTB** | **Update plan and report to CTB** | **Biennial update of plan** |  |
| **B.1.v:** Routine maintenance best practices accomplishments | **Report best practices to CTB** | **Report best practices to CTB** | **Annual report of best practices** |  |

# Objective B.2: Ensure Transit and Rail State of Good Repair

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **B.2.i:** Percentage of revenue vehicles that have met or exceeded the FTA Useful Life Benchmark | **21%** (FY 2024) | **21%** | Lower Is Better ↓ |  |
| **B.3.i:** Percentage of transit facilities rating below 3.0 on the FTA TERM Scale | **3%** (FY 2024) | **2%** | Lower Is Better ↓ |  |
| **B.4.i:** Number of Miles with Rail Preservation Fund Investments | **604** (FY 2025) | **678** | Higher Is Better ↑ |  |

***FTA – Federal Transit Administration***
***TERM – Transit Economic Requirements Model – a capital analysis system to model future transit investment needs.***

# Goal B Highlights

TRANSPORTATION PERFORMANCE MANAGEMENT




*Bridge Over I-81 in Augusta County*




*DeLong Co., Inc. RIA Grant*

TRANSPORTATION PERFORMANCE MANAGEMENT

# Goal C: Encourage economic competitiveness and prosperity by improving travel time reliability by minimizing congestion and considering modal options.

# Objective C.1: Improve Reliability, Throughput, and Congestion (Highway)

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **C.1.i:** Percentage of person-miles traveled that are reliable (Interstate) | **85%** (CY 2024) | **85%** | Higher Is Better ↑ |  |
| **C.1.ii:** Percent of Person-Miles traveled that are reliable (Non-Interstate NHS) | **95%** (CY 2024) | **88%** | Higher Is Better ↑ |  |

***Reliability is a measure of variability in travel time.***
***NHS - National Highway System***

# Objective C.1: Improve Reliability, Throughput, and Congestion (Transit & Rail)

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **C.1.iii:** VRE on-time performance | **79%** (FY 2024) | **90%** | Higher Is Better ↑ |  |
| **C.1.iii:** Virginia Breeze on-time performance | **70%** (FY 2024) | **80%** | Higher Is Better ↑ |  |
| **C.1.iii:** Amtrak on-time performance (Newport News/Norfolk/Richmond) | **63%** (Q4 FY 2024) | **80%** | Higher Is Better ↑ |  |
| **C.1.iii:** Amtrak on-time performance (Roanoke) | **69%** (Q4 FY 2024) | **80%** | Higher Is Better ↑ |  |
| **C.1.iv:** Mean distance between major failures (Transit) | **7,517 miles** (FY 2023) | **6,559 miles** | Higher Is Better ↑ |  |

# Objective C.2: Improve Freight Throughput

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **C.2.i:** Truck travel time reliability (TTTR) index | **1.48** (CY 2024) | **1.64** | Lower Is Better ↓ |  |
| **C.2.ii:** Change in travel time reliability of freight bottlenecks | **81%** (CY 2024) | **90%** | Higher Is Better ↑ |  |

# Objective C.3: Improve Transit Efficiency and Effectiveness

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **C.3.i:** Total transit passenger miles | **255 million** (FY 2024) | N/A | N/A | N/A |
| **C.3.i:** Transit passengers per vehicle revenue hour | **17.9** (FY 2024) | **18.0** | Higher Is Better ↑ |  |
| **C.3.i:** Transit passengers per vehicle revenue mile | **1.2** (FY 2024) | **1.2** | Higher Is Better ↑ |  |
| **C.3.ii:** Percent of jobs accessible by transit | **73%** (FY 2024) | **75%** | Higher Is Better ↑ |  |
| **C.3.iii:** Percent of people with access to transit | **64%** (FY 2024) | **65%** | Higher Is Better ↑ |  |

# Goal C Highlights

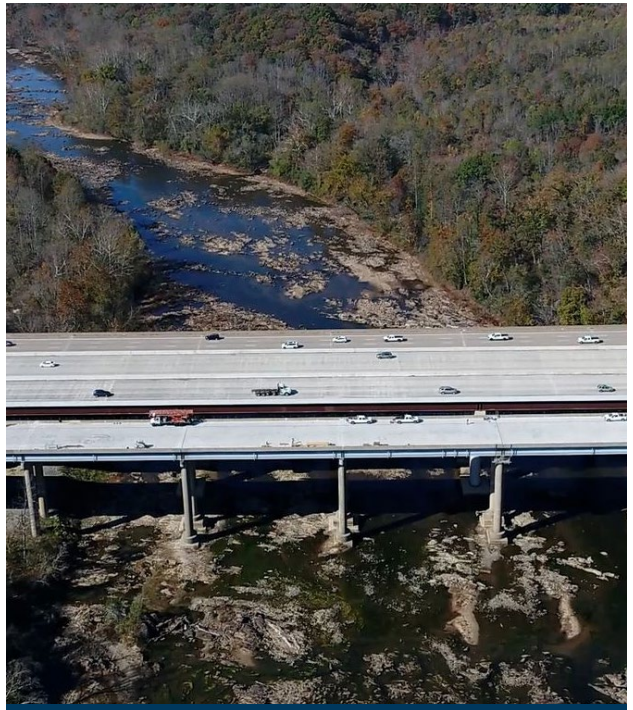
TRANSPORTATION PERFORMANCE MANAGEMENT



***New River Valley Rail Project***



***Long Bridge Project***



***Rappahannock River Crossing***




***Transit Ridership Increases***

TRANSPORTATION PERFORMANCE MANAGEMENT

# Goal D: Provide an integrated multimodal transportation system for better accessibility and travel options.

# Objective D.1: Support Network Resiliency

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **D.1.i:** List of projects advancing to implementation that contribute to multimodal redundancy | **Included in 2025 Biennial Report** | **Compliance with the requirement to annually update the CTB** | Annual update to CTB of projects that are advancing to implementation and contribute to multi-modal redundancy |  |

# Objective D.2: Increase Bus Ridership

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **D.2.i:** Percentage of passenger facilities with TERM rating below 3.0 | **0%** (FY 2024) | **15%** | Lower Is Better ↓ |  |

# Objective D.3: Enhance Freight Rail Movements

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **D.3.i:** Number of new carloads generated by DRPT's rail grant programs | **4,770,000** (FY 2024) | **4,160,571** | Higher Is Better ↑ |  |

# Objective D.4: Support Economic Development

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **D.4.i:** Annual VDOT engagement efforts | **24** (CY 2024) | **5** | Higher Is Better ↑ |  |
| **D.4.i:** Annual DRPT engagement efforts | **22** (CY 2024) | **5** | Higher Is Better ↑ |  |
| **D.4.ii:** Number of new carloads added through Rail Industrial Access (RIA) Grant Program | **6,104** (FY 2025) | **5,867** | Higher Is Better ↑ |  |
| **D.4.iii:** Number of new jobs added as a result of Rail Industrial Access (RIA) projects | **114** (FY 2025) | **200** | Higher Is Better ↑ |  |

# Goal D Highlights

TRANSPORTATION PERFORMANCE MANAGEMENT



***GRTC Essential Transit Infrastructure Plan***




***Delmarva Central Railroad Improvements***




***The Patton Logistics Group Facility***

TRANSPORTATION PERFORMANCE MANAGEMENT

# Goal E: Provide transportation solutions that enhance the quality of life while preserving agricultural, natural, historical, and cultural resources.

# Objective E.1: Deliver Transportation Solutions that Consider Environmental Impacts

TRANSPORTATION PERFORMANCE MANAGEMENT

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **E.1.i:** Documented Compliance with State and Federal Environmental Review Requirements | **100% Compliance** | **100% Compliance** | N/A |  |

# Objective E.2: Support Attainment of National Ambient Air Quality Standards

| Measure | Current Performance | Target | Desired Trend | Current Performance Trend |
|---|---|---|---|---|
| **E.2.i:** Documented compliance with the NAAQS | **100% Compliance** | **100% Compliance** | N/A |  |

# Goal E Highlights

TRANSPORTATION PERFORMANCE MANAGEMENT




***Commuter Choice Program***

# 2025 Biennial Report

TRANSPORTATION PERFORMANCE MANAGEMENT

- OIPI is responsible for development of a biennial report on surface transportation performance.
- The purpose is to provide transparency and accountability related to the use of funds to implement surface transportation improvements throughout Virginia and is required pursuant to Code of Virginia (§ 33.2-232).
- Performance results presented today are included in the 2025 Biennial Report.

**List of Approved and/or Modified Transportation Projects During Prior Fiscal Year**

§ 33.2-232.C.1

**Results of Most Recent SMART SCALE Project Evaluations**

§ 33.2-232.C.2

**Performance of the Commonwealth's Transportation System**

§ 33.2-232.C.3

**Status of the Virginia Transportation Infrastructure Bank**

§ 33.2-232.C.4

**Status of the Toll Facilities Revolving Account**

§ 33.2-232.C.5

**Progress Made Toward Achieving Performance Targets Established by the CTB**

§ 33.2-232.C.6

*Code of Virginia reference*