OVERVIEW
Currently, the I-64 Hampton Roads Bridge-Tunnel (HRBT) is one of the most congested corridors in the region with traffic in excess of 100,000 vehicles per day during peak summer traffic.

Congestion relief is on the way with the Hampton Roads Bridge-Tunnel Expansion project. Extending nearly 10 miles from Mallory Street in Hampton to I-564 in Norfolk, it is the largest highway construction project in Virginia’s history.

TUNNEL CROSSING
• The I-64 HRBT is a 3.5-mile facility with two 2-lane immersed tube tunnels connecting artificial islands, with trestle bridges to shore
• HRBT tunnels are 8,000 feet (1.5 miles) long across Hampton Roads waterway between man-made islands
• The new twin tunnels will be approximately 50 feet deeper than the current tunnels

TUNNEL CONSTRUCTION
• The Tunnel Boring Machine (TBM), named Mary by local school children, will begin boring in 2022
• This is only the fourth bored roadway tunnel project in the US (other bored tunnels are in Seattle, Miami and the Parallel Thimble Shoal Tunnel currently under construction in the Chesapeake Bay)
• The diameter of the two new tunnels will be approximately 46 feet, the second-largest bored tunnel in North America
• Current eastbound HRBT tube will be converted to carry westbound traffic; new HRBT tubes will carry eastbound traffic

BRIDGE CONSTRUCTION
• More than two dozen bridge structures to be replaced or rebuilt
• Existing HRBT marine trestles (1.75 miles) to be replaced in their entirety

LANDSIDE ROADWAY WIDENING
• Highway will be expanded from two lanes to three lanes (plus driveable shoulder) in each direction
• Two lanes of travel will remain open in each direction throughout construction

HIGHLIGHTS
• Two lanes in each direction will be free general-purpose lanes
• One lane and one driveable shoulder in each direction will be variably-priced toll lanes (Express lanes)

BENEFITS
• Increase capacity
• Ease major congestion
• Enhance travel time reliability
• Increase safety & support emergency evacuation readiness
• Bring in more than $4.6 billion in investment
• Create 28,000 jobs over the life of the project

SCHEDULE
Completion: November 2025

BUDGET
$3.8 Billion

FUNDING
• Project funded by Hampton Roads Transportation Accountability Commission

PARTNERS
hrbtexpansion.org
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PARTNERS
Contact us for project progress updates, questions, and more!

E: HRBTinfo@VDOT.Virginia.gov  |  P: 757-858-6776  |  W: hrbtexpansion.org