



**2030 LONG-RANGE TRANSPORTATION PLAN
AMENDMENT and FY 2009-2012 TRANSPORTATION
IMPROVEMENT PROGRAM AMENDMENTS:
PATRIOTS' CROSSING STUDY AND HAMPTON
ROADS BRIDGE-TUNNEL STUDY**

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Purpose

Amend the 2030 Long Range Transportation Plan and FY 2009-2012 Transportation Improvement Program (TIP) to add:

- **Patriots' Crossing Study**
- **Hampton Roads Bridge-Tunnel Study**

Patriots' Crossing Study Description

- **A new four-lane tunnel and bridge system between I-564 Inter-modal Connector in Norfolk and the Monitor Merrimac Memorial Bridge-Tunnel**
- **A connection from the new bridge-tunnel to State Route 164 via Craney Island Road and Rail Connector**
- **These are components of the approved Hampton Roads Crossing Study (Third Crossing)**

Patriot's Crossing Map



Figure 1

— I-564 EXTENSION	\$ 193 M
— PATRIOT'S CROSSING	\$ 1.8 B
— CRANEY ISLAND ROAD CONNECTOR & — CRANEY ISLAND RAIL CONNECTOR	\$ 585 M (COMBINED)
— CRANEY ISLAND EXTENSION	\$ 353 M

PATRIOT'S CROSSING



Patriots' Crossing Study Process

- **Reevaluate the Hampton Roads Crossing Study (HRCS) in accordance with federal regulation**
- **Secure approvals to advance the pieces of the HRCS described now as the Patriots' Crossing**
- **The Federal Highway Administration (FHWA) requires that VDOT prepare an Environmental Assessment (EA) as the reevaluation document**
- **VDOT will use an on-call consultant to assist with the EA**
- **VDOT is prepared to initiate the study as soon as funding is available.**



Patriots' Crossing Study Estimated Cost and Schedule

- **Estimated cost of the reevaluation is \$500,000**
- **Approximately 15 months to complete**

Hampton Roads Bridge-Tunnel Study Description

- VDOT proposes to prepare an EIS covering an area from I-664 to I-564.
- The EIS will be focused on problems and solutions at the existing facility
- The description of the project will be defined through the study process, but the concept is to study the addition of capacity, safety, hurricane evacuation and the ability to accommodate future maintenance
- Different project than the Hampton Roads Crossing Study (Third Crossing)



Hampton Roads Bridge-Tunnel Study Process

- **VDOT is currently negotiating with a consultant to assist with the EIS**
- **Negotiations are anticipated to be complete in March 2011**



Hampton Roads Bridge-Tunnel Study Estimated Cost and Schedule

- The estimated cost for the study is \$5 million
- Expected to take 3 years from notice of intent to final EIS