

### Projects Underway

#### I-264 Concrete Project (eastbound lanes)

Contract Amount: \$3.3 million

Status: On time/Within budget

Contractor: Curtis Contracting

**About the Project:** In spring 2011, crews began replacing 19,000 square yards of concrete pavement on I-264 west between Broad Creek Bridge and Claiborne Avenue in Norfolk. The project called for full-depth and lane-width concrete replacement patching. Under this first project, crews were only able to replace the westbound lanes and a portion of one eastbound lane due to roadway deterioration that required more repair than originally estimated. This second project will repair I-264 east from downtown Norfolk to Claiborne Avenue.



**Current Status:** After major repairs were needed on Feb. 8, 2013, crews were called in to perform emergency concrete rehabilitation and started work immediately. Since Feb. 8, crews have been working on the permanent concrete repairs in this area overnight and on some weekends, as traffic conditions permit.

**Project Page:** [http://www.virginiadot.org/projects/hamptonroads/interstate\\_264\\_concrete\\_project.asp](http://www.virginiadot.org/projects/hamptonroads/interstate_264_concrete_project.asp)

#### Norview Avenue

Contract Amount: \$3.9 million

Completion Date: September 2013

Status: On Time/Within Budget

Contractor: E.V. Williams

**About the Project:** The Norview Avenue Interchange Improvement Project will eliminate the existing weave movement associated with the on and off-ramps along this corridor. The existing I-64 east Norview Avenue loop ramp will be replaced with a ramp north of the existing Norview Avenue on-ramp. Lightweight aggregate, the product most often used in ramp construction, will be replaced with an innovative new product, Geofil LD, a cellular concrete fill. Due to the poor soil conditions in this area, Geofil LD will reduce the time and amount of settlement expected at the ramp location site.

**Current Status:** The new I-64 east Norview Avenue loop ramp was opened to the motoring public in early March 2013. Demolition of the old ramp has begun. Crews are also working to open the new ramp from Norview Avenue to I-64 west by summer 2013.

**Project Page:** [http://www.vdot.virginia.gov/projects/hamptonroads/norview\\_avenue\\_ramp\\_improvements.asp](http://www.vdot.virginia.gov/projects/hamptonroads/norview_avenue_ramp_improvements.asp)



### Projects Underway

#### Hampton Boulevard Underpass Project

Contract Amount: \$38 million

Completion Date: Fall 2013

Status: Within Budget and 82% complete

Contractor: American Infrastructure

**About the Project:** The Hampton Boulevard Improvement Project will create a grade separation that will remove the conflict point between the railroad and the roadway. The under/over pass will eliminate the need for traffic interruptions at the Naval Base Gate 6 facilities while maintaining the same vehicular capacity. A temporary roadway was developed to eliminate congestion associated with construction. This traffic shift will remain in place until project completion.

**Current Status:** Minor utility adjustments are being made on Greenbrier Avenue. Crews are continuing to install rail lines and are working with the railroads to ensure that safety concerns are addressed.

**Project Page:** [http://www.vdot.virginia.gov/projects/hamptonroads/hampton\\_boulevard\\_grade\\_separation.asp](http://www.vdot.virginia.gov/projects/hamptonroads/hampton_boulevard_grade_separation.asp)



#### Concrete Paving on I-564/I-464/Terminal Boulevard

Completion Date: November 2013

Estimated Cost: \$ 3 million

**About the Project:** This project will improve the riding surface of the existing roadway by patching the deteriorated pavement of various sections of I-464, I-564 and Terminal Boulevard. More specifically, repairs will occur in the north-and south bound lanes of I-464 from mile posts 0.0 to 0.9, the East and West bound lanes of I-564 from mile posts 0.5 to 3.0, the East and West bound lanes of Terminal Boulevard from the exit loop of I-564 to Ruthven Road and the loops and ramps from I-564 to Gate 3 of Naval Station Norfolk. The goal of this project is to preserve the pavement and protect the quality of existing roadways.

**Current Status:** Bids on the project will be received in late April 2013. Currently, an award is scheduled for late June.

#### I-64 Concrete Project

Contract Award: Phase One - \$5.05 million

Contract Award: Phase Two - \$14 million

Completion Date: Fall 2013

Contractor: Dorey Electric (Phase I);  
Curtis Contracting (Phase II)

**About the Project:** This three-phase project replaces temporary asphalt patches on I-64 with concrete insets. Work began in April 2011 on the westbound lanes, from the Hampton Roads Bridge-Tunnel to Little Creek Road in Norfolk. Phase II began in March 2012 replacing temporary patches from Little Creek Road to the Twin Bridges in Norfolk.

**Current Status:** Crews are currently working on phases one and two. Phase three is completed.

**Phase One Status:** 25% more work was recently added to the contract.

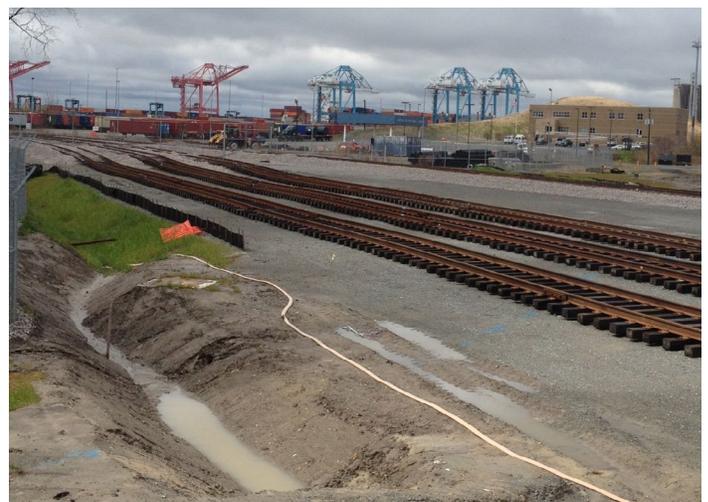
**Phase Two Status:** The project is 47% complete.

**Project Page:** [http://www.virginiadot.org/projects/hamptonroads/i-64\\_concrete\\_replacement\\_project.asp](http://www.virginiadot.org/projects/hamptonroads/i-64_concrete_replacement_project.asp)



### Hampton Roads District Project Information

Available at: <http://www.virginiadot.org/projects>



### Upcoming Projects

#### Air Terminal Interchange

Estimated Cost: \$60 million

**About the Project:** Previous Department of Defense legislation authorizes the U.S. Navy to request that VDOT construct the Air Terminal Interchange in consideration for providing the requisite easement for the I-564 Intermodal Connector. This interstate interchange will serve Chambers Field Air Station and Naval Support Activity, an adjoining support base to Naval Station Norfolk.

**Current Status:** The Navy and VDOT conducted a design charrette in September 2012, to determine a new preferred location for analysis in the Interchange Justification Report. The proposed location subsequently went through a fatal flaw analysis and was adopted by the Stakeholder champions. The next step will be to bring the interchange to the Transportation Planning Organization (TPO) for incorporation into the Constrained Long Range Plan.

**Project Page:** [http://www.virginiadot.org/projects/hamptonroads/air\\_terminal\\_interchange\\_project.asp](http://www.virginiadot.org/projects/hamptonroads/air_terminal_interchange_project.asp)



#### Berkley Bridge Rehabilitation Norfolk

Estimated Cost: \$20 million

**About the Project:** This project will replace all the electrical, mechanical, and control components of the drive systems of this movable bridge.

**Current Status:** The design consultant was given notice to proceed on November 30, 2012. A preliminary design report will be submitted in spring 2013. The construction advertisement is scheduled for November 2014.

#### Military Highway

#### Continuous Flow Intersection

Estimated Cost: \$113 million

Status: Partially funded in the Six-Year Improvement Plan (SYIP FY13)

**About the Project:** A Continuous flow Intersection (CFI), is an at-grade intersection that moves the turning vehicles, conflicting with the through-movements, out of the main intersection. Specifically, a CFI moves the left turning traffic down the road several hundred feet, eliminating the left-turn traffic signal phase during the signal cycle of the cross-traffic.



The widening of Military Highway in Norfolk was originally slated to be a three-phased project encompassing a mile and a half of total roadway. The project calls for improvements to the southern section of Military Highway from Lowery Road to Broad Creek, from Broad Creek to the Norfolk Southern Railroad tracks and the northern section of Military Highway near I-64 and Robin Hood Road.

**Current Status:** Right-of-Way Acquisition is scheduled for completion by May 2013 for Military Highway and Lowery Drive. An informal meeting was held in early January 2013 with local civic leagues in Norfolk to update their members on the project. Upon completion of preliminary design, a Citizen Information Meeting (CIM) will be held in late spring 2013. The release for the Design Build Request for Quotes (RFQ) is scheduled to be advertised in fall 2014; with the Request for Proposals (RFP) to subsequently follow in spring 2015.

**Project Page:** [http://www.virginiadot.org/projects/hamptonroads/military\\_highway.asp](http://www.virginiadot.org/projects/hamptonroads/military_highway.asp)

### Proposed Projects

#### I-564 Intermodal Connector

Estimated Cost: \$170 million

**About the Project:** The purpose of this project is to provide a safe, high-speed, highway connection from the existing I-564 to Norfolk International Terminals and Norfolk Naval Station. This road realignment will alleviate congestion on city and Naval Station roadways. The I-564 Connector would be the first section of the proposed Patriot's Crossing.

**Current Status:** The Navy and VDOT agreed to the basic layouts of the Intermodal Connector and the Air Terminal interchange in September. VDOT and the Navy entered into a new Memorandum of Agreement (MOA) in December 2012, to replace the previous agreement that had expired. VDOT, FHWA-EFL and the Navy have signed a Memorandum of Agreement (MOA) allowing the Federal Highway Administration (FHWA) to manage the bidding and construction phases of the project in April 2013.

The tri-party team is also working to procure a design-build team and to obligate construction funds by summer 2013.

**Project Page:** [http://www.virginiadot.org/projects/hamptonroads/i-564\\_intermodal\\_connector.asp](http://www.virginiadot.org/projects/hamptonroads/i-564_intermodal_connector.asp)



### Under Study

#### Third Crossing

**About the Project:** The Hampton Roads Third Crossing Study was initiated in late 1993, to investigate methods of improving mobility across Hampton Roads and relieving congestion at the Interstate 64 Hampton Roads Bridge-Tunnel. The Commonwealth Transportation Board (CTB) selected candidate "Build Alternative 9," known as the Third Crossing, and consists of:

- A new bridge-tunnel and roadway from the existing I-664 Monitor-Merrimac Memorial Bridge-Tunnel to I-564 in Norfolk, with four conventional travel lanes and two lanes for multimodal use
- Widening I-564 to eight conventional travel lanes and two multimodal use lanes
- Widening I-664 on the Peninsula to eight conventional travel lanes and two additional lanes for multimodal use
- Widen I-664 on the southside to six conventional travel lanes

- A new bridge-tunnel parallel to the existing I-664 Monitor-Merrimac Memorial Bridge-Tunnel with two tubes of the tunnel carrying four conventional travel lanes and one tube carrying two multimodal use lanes
- A four-lane connection from the new facility, just east of Craney Island, running south to Route 164 (Western Freeway) in Portsmouth

**Current Status:** VDOT is re-evaluating a portion of the Hampton Roads Third Crossing Environmental Impact Study (EIS). That portion is known as Patriot's Crossing and includes the Craney Island Connector and a new bridge-tunnel that would connect I-564 and I-664.

Funding sources have not been identified. A public-private partnership (P3) procurement is being considered.

**Project Page:** [http://www.virginiadot.org/projects/hamptonroads/hampton\\_roads\\_third\\_crossing.asp](http://www.virginiadot.org/projects/hamptonroads/hampton_roads_third_crossing.asp)



### Patriot's Crossing Phase

Estimated Cost: Ranges from \$3.1 to \$4.2 billion

**About the Project:** This proposed project is the last and final stage of the Navy Triangle Improvement Strategy and consists of three of the five phases of the Hampton Roads Third Crossing project. Patriot's Crossing would not include:

- Widening I-664
  - The addition of a new tunnel parallel to the I-664 Monitor-Merrimac Memorial Bridge-Tunnel
  - A multi-modal rail component under the Elizabeth River
- Patriot's Crossing would include a new four-lane tunnel and bridge system between the I-564 Intermodal Connector in Norfolk and the I-664 Monitor-Merrimac Memorial Bridge-Tunnel (MMMMBT) and a connection to Craney Island in Portsmouth.

**Current Status:** The draft environmental re-evaluation document is complete. In early February 2013, a revised Environmental Assessment (EA) was submitted to FHWA. A NEPA document will not be issued by FHWA until the fiscal constraints on this project have been resolved. The project has yet to be funded within the Constrained Long Range Plan.

**Project Page:** [http://www.virginiadot.org/projects/hamptonroads/patriots\\_crossing.asp](http://www.virginiadot.org/projects/hamptonroads/patriots_crossing.asp)