

Projects Underway

Gilmerton Bridge Replacement Project

About the Project: The Gilmerton Bridge Replacement project on Military Highway in the city of Chesapeake will provide a new lift span bridge over the Southern Branch of the Elizabeth River and replace the existing double-leaf bascule bridge that was constructed in 1938.

The new bridge, 1,908 feet long with a vertical clearance of 35 feet in the closed position and up to 135 feet when the lift span is opened, is being constructed in three phases on the existing Military Highway alignment. The new bridge width of 85 feet will accommodate future widening of Military Highway from four lanes to six.

Project at a Glance

Project Manager: Bud Morgan
Contract Amount: \$134 million
Completion Date: January 2014
Float-in Date: January 2013
Status: On Time/Within Budget
Contractor: PCL

For more information:

http://www.virginiadot.org/projects/hamptonroads/gilmerton_bridge_replacement_project.asp

Current Status: Phase II of the Gilmerton Bridge Replacement Project began the week of Monday, Jan. 7, 2013, with the complex operation of the bridge lift span float-in and subsequent connection to the bridge towers. During the float-in stage, the 250-foot, 2,400-ton pre-assembled lift span was transported from an onshore site at W-3 Marine in Norfolk via a barge through the Eastern and Southern branches of the Elizabeth River to the Gilmerton Bridge site. Upon arrival, the lift span was staged to a position in the channel adjacent to the existing bridge structure where final installation and vertical alignment to the bridge towers began.

Due to the complex nature of construction required during this phase of the project, the existing Gilmerton Bridge was closed to all vehicular traffic for eight days during the day, evening and overnight hours beginning the week of Jan. 7 until Jan. 14, as crews connected the ropes and electrical wires from the lift span to the towers, aligned related machinery and tested the functionality of the vertical lift bridge. The United States Coast Guard enforced a navigational closure at the Intracoastal Waterway mile 5.8 for a six-day period during the float-in period with the assistance of local marine law enforcement officers. The harbor channel closure remained in effect until the existing bascule leaves were deconstructed and removed, and the new lift span was attached to the towers. After the new lift span was secured, tested and fully operational, the bridge was reopened on the evening of Jan. 14, allowing motorists to access the new southside span of the bridge, and permitting mariners to experience enhanced vertical clearance. After the bridge reopened to traffic, project work remains to include the demolition of the existing bridge and construction of north-side approaches, with completion scheduled for early 2014.



Projects Underway

I-264/64 Interchange Lighting Upgrade

Contract Amount: \$2.2 million

Completion Date: Summer 2013

Status: On Time/ Within Budget

Contractor: Lane Construction Corporation

About the Project: Several years ago, 28 high-mast interstate lighting units were removed at the I-264/I-64 Interchange because of aging light pole structures. The I-264/I-64 Interchange Lighting Upgrade project will replace the lighting units on both the east and westbound lanes of I-64 and I-264. This project will re-install lighting (23 poles) at four interchanges along I-64; the interchanges include Northampton Boulevard, Tidewater Drive, Chesapeake Boulevard, and LaSalle Avenue. A second project is being developed to replace the remaining poles and is scheduled for advertisement in May 2014.

Current Status: Crews began placing light poles in March 2013. The new lights have all of their illumination focused toward the ground reducing light pollution into the upper atmosphere and light trespass beyond the interchange. All of the lights will be illuminated at the same time to avoid dark zones on the interstate.

Project Page: http://www.virginiadot.org/projects/hamptonroads/i-264-64_interchange_lighting_replacement_project.asp

I-664 Pavement Overlay

Contract Amount: \$12.3 million

Completion Date: May 2013

Status: Delayed, Not on Budget

Contractor: Branscome, Inc.

About the Project: Crews will rehabilitate the concrete pavement on I-664, both north and south bound lanes, from one-half mile north of Route 58 to the south side of the Monitor-Merrimac Memorial Bridge-Tunnel. In addition to concrete patching, the project calls for joint sealing, shoulder restoration, under-drain improvements, and a Thin Hot Mix Asphalt Concrete Overlay (THMACO) to extend the life of the roadway. This is an American Recovery and Reinvestment Act (ARRA) project.

Current Status: Work was halted over the winter months and the contractor is beginning work again in April. Work remaining includes installation of pavement markings and markers, milling and paving of ramp shoulders, concrete repair work, and asphalt shoulder repair work. Prospective final acceptance stands at the end of May. Work was delayed because the quantity of repair in the contract was significantly increased due to the amount of patching that needed to be completed. Crews have tackled five times the amount of work than what was estimated in the original contract .

Project Page: http://www.virginiadot.org/projects/hamptonroads/interstate_664_thmaco_overlay.asp



Projects Underway

Dominion Boulevard Improvements

City of Chesapeake Administered Project

Awarded Amount: \$188 million

Completion Date: April 2017

Contractor: Dominion Boulevard Constructors

About the Project: This City-administered project will widen Dominion Boulevard from two lanes to a four-lane, divided, limited access freeway. The project area spans from south of Cedar Road to the Oak Grove interchange. The project will also replace the existing bascule-leaf bridge over the Southern Branch of the Elizabeth River with a high-rise, fixed bridge, adding at-grade interchanges at Cedar Road, relocated Bainbridge Boulevard and Great Bridge Boulevard. The roadway is being built as a toll road with a similar all electronic toll collection system.

Current Status: Construction activities have begun on this project. Crews are currently performing utility relocations and test pile driving. The Blake Street/Byron Street pedestrian tunnel is closed until the summer of 2014. At this time, there are no anticipated impacts for maritime traffic.



Dominion Boulevard

Oak Grove Roundabout

Contract Amount: \$1.6 million

Completion Date: August 2013

Status: On time/Within budget

Contractor: Parkway Grading, Inc.

About the Project: This is a redesign project at the intersection of Oak Grove Road and Green Tree Road in the city of Chesapeake. The project is approximately 1500 feet long with a roundabout style intersection replacing the original triangular intersection. Crews will also improve storm drains, water and sewer utilities, curb and gutter, in addition to performing concrete and asphalt paving.

Current Status: At this time, the project is currently 35% complete. A critical 10" city water main has been relocated and now crews can begin placing roadway sub grade and aggregate base, in addition to seeding and cutting ditches.



Under Study

I-64 High Rise Bridge Replacement

Contract Amount: \$5 million (EIS Only)

Completion Date: TBD

Contractor: TBD

About the Project: The City of Chesapeake requested an amendment to the 2034 Long-Range Transportation Plan to include an Environmental Impact Statement (EIS) for the improvement of the I-64 corridor from I-464 to I-664/264, with the replacement of the High Rise Bridge. The replacement of this bridge over the Southern Branch of the Elizabeth River would entail widening I-64 from two lanes to three or four lanes in each direction. The current cost estimate by VDOT for this option is estimated at \$1.37 billion.

Current Status: At this time, the project has been added to the Constrained Long Range Plan (CLRP) for the Environmental Study only. VDOT is partnering with the city to draft a scope to secure a consultant for the EIS.

Upcoming Projects

I-64 High Rise Bridge Waterproof and Repair Deck

Westbound Lanes (Suffolk to Virginia Beach)

Contract Amount: \$1.3 million

Completion Date: Project has been delayed until spring 2014

Status: Within Budget/Postponed due to regional scheduling conflicts

Contractor: G.A & F.C. Wagman, Inc.

About the Project: Crews will mill the existing bridge deck and repave the deck with a latex-modified concrete overlay on the westbound lanes of the Interstate 64 High Rise Bridge. The latex-based material prevents excessive water from seeping into the roadway, which through expansion and contraction during hot and cold temperatures, can cause potholes or pooling. Motorists can expect full weekend closures and weeknight, alternating lane closures.

Current Status: This project has been delayed until spring 2014. Due to conflicting closures at water crossings, this project was postponed to a time when the region could accommodate the work with the least amount of impacts to the motoring public.



I-664 High-Tension Guardrail and Rumble Strips

City of Chesapeake

Contract Amount: \$638,052

Completion Date: October 2013

Contractor: RMD Holdings, LTD.

About the Project: This Highway Safety Improvement Project (HSIP) will improve the safety of I-664 between the Bowers Hill interchange and the Monitor-Merrimac Memorial Bridge-Tunnel by adding high-tension guardrail in the median and rumble strips to all four shoulders. High-tension guardrails are better for areas with traffic on opposing sides of the guardrail. This particular type of guardrail is more expensive to install but less expensive to maintain and provides better protection for drivers when they are exposed to oncoming traffic.

Current Status: The construction contract was recently executed on February 15, 2013 and construction will begin in late summer 2013.



Hampton Roads District Project Information

Available at: <http://www.virginia DOT.org/projects>