

# Chesapeake Transportation System

## Dominion Boulevard Improvement Project

May 2013



### Project Scope

The Dominion Boulevard Improvement Project will replace the current Steel Bridge with a four-lane, fixed-span 95-foot bridge and will widen the road from two-lanes to four-lanes between Grassfield Parkway and Great Bridge Boulevard. Interchanges will be constructed at Cedar Road, Bainbridge Boulevard/Dominion Lakes and Great Bridge Boulevard.

### Project Details

**Contractor:** Dominion Boulevard Contractors - a joint venture of McLean Contracting Company, E.V. Williams Inc., Bryant Contracting, R.R. Dawson Bridge Company

**Contract Value:** \$188 million

**Notice to Proceed:** January 7, 2013

**Fixed Completion Date:** April 1, 2017



### Project Update

**Night Work:** In an effort to minimize disruption to motorists during the day, nighttime construction activities will increase. Equipment operations, temporary lights and noise may be noticeable at times.

**Clearing:** Right-of-way clearing work is 90% complete.

**Stormwater:** Installation of storm drain systems including pipe, drainage structures and stormwater sediment basins is underway throughout the project.

**Utilities:** Relocation of franchise utilities (electric, natural gas, telephone) is nearing completion without interruption of service to customers. Relocation of public utilities (sanitary sewer force main) began in April.

**Bridge Construction:** Installation of concrete piles is progressing as well as footing construction for the new northbound Dominion Boulevard bridge span over the Elizabeth River.

**Road Construction:** Excavation and fill is being placed throughout the project with the focus at critical areas for the temporary Dominion Boulevard detour along Bainbridge Boulevard, the extension of Libertyville Road to Great Bridge Boulevard and ramps for the future Dominion Lakes interchange.



### Traffic Impacts

Work zone speed limit remains at 35 mph throughout the construction corridor.

The planned closure of the Mullen Road intersection with Dominion Boulevard is scheduled to take place in May, followed by the construction of a cul-de-sac.

The new Libertyville Road extension and intersection at Great Bridge Boulevard is scheduled to be complete in July 2013.

Additional work zones are being installed, including placement of concrete barriers along the ramp from northbound Dominion Boulevard to southbound Chesapeake Expressway. Other work zones will be installed along the ramps leading from I-464 to southbound Dominion Boulevard in early May.

The ramp from northbound Chesapeake Expressway to southbound Dominion Boulevard will close later in May to facilitate the widening and reconstruction of the Great Bridge Boulevard interchange. Northbound Chesapeake Expressway traffic will be detoured while this ramp remains closed for construction.

# Dominion Boulevard Improvement Project



## Community Outreach

Weekly project updates continue to go out to subscribers and followers. See instructions at the bottom of the last page to sign up for updates.



## Upcoming Activities

Relocation of underground City and HRSD utilities will continue through 2013.

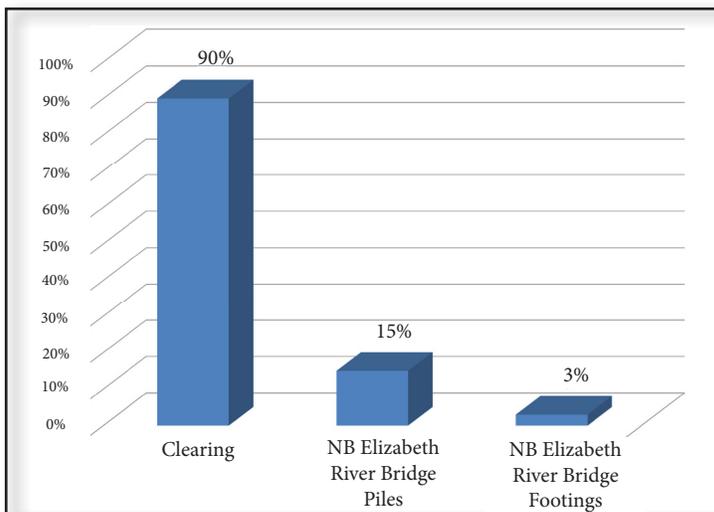
Storm drain system installations will be ongoing throughout the project corridor in advance of roadway construction.

Temporary access roads will be constructed to facilitate construction phasing. Primary locations include Cedar Road, Dominion Lakes and the Bainbridge Boulevard detour.

Bridge construction will continue for the new northbound Dominion Boulevard bridge span over the Elizabeth River and the new bridge for the northbound Dominion Boulevard ramp to southbound Chesapeake Expressway. Construction at both bridges includes pile driving and placement of concrete for the footings and columns.



## Key Operations Underway



## Recent Progress Photo



# Chesapeake Expressway



The Chesapeake Expressway is a 16-mile long, four-lane divided toll highway linking I-64 in Chesapeake to North Carolina and the Outer Banks.

## April 2013 Traffic and Revenue

**Traffic:** 253,142

**Revenue:** \$483,429.25

\*Figures are unaudited.

## Coming Up

Starting Saturday, May 18 through Sunday, September 8, "Peak Weekend" toll rates will be in effect each weekend from 12:01 a.m. Saturday through 12:00 midnight on Sunday.

On May 23, the Chesapeake Expressway will celebrate its 12th year of operation.

## Renewal and Replacement Work

Paving and maintenance work on the Chesapeake Expressway is in full swing. So far this year, contractors have completed guardrail replacement and stormwater basin maintenance. Paving work has begun between mile marker 0 (the North Carolina state line) and mile marker 3, both northbound and southbound. Paving is expected to be complete by mid-May. The project has been a coordinated effort between the Chesapeake Expressway, the Virginia Department of Transportation (replacement of roadway sensors) and various contractors involved in the renewal and replacement process.



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