

September 2005 CTB Meeting

G03

**0064-114-2828, SR01;
0064-114-2901, SR03**

City of Hampton

This purpose of this project is to perform concrete repairs and an epoxy overlay to the elevated sidewalk/walkways in the eastbound and westbound tunnels of the Hampton Roads Bridge Tunnel Facility, and to replace the handrail system with a new system meeting current code requirements. Also included is a corrosion protection system in the eastbound tunnel. This project will be constructed utilizing night lane closure operations. Lane closures will be required in outside (right) lane of I-64 Eastbound and I-64 Westbound.

Fixed completion June 1, 2006

G17

0340-093-V20, C501, B607

Warren County

U.S. Route 340/522 is also known as Winchester Road and passes over the North Fork of the Shenandoah River and an active Norfolk Southern Railway. This segment of roadway currently has a 2004 Traffic Count of 25000 Vehicles per Day. U. S. Route 340/522 is a two-way roadway with lane widths of ten foot with four-foot shoulders located in rolling terrain. The primary purpose of this project is to replace the existing three lane substandard bridge. The proposed construction will consist of a new five-lane structure with bike lanes extending in both the north and southbound directions. The new structure will also contain sidewalks for pedestrian traffic. The existing bridge's superstructure will be demolished and replaced while portions of the bridge's substructure will remain intact and will be utilized in conjunction with the proposed improvements. The affected approaches will be reconstructed to provide dual north and southbound thru lanes with appropriate turn lanes at adjacent connections and entrances. The major intersection of VA Route 55 (2004, 8500 V.P.D.) with U.S. Route 340/522 will be reconstructed. Upgraded signalization will be provided at the above intersection along with a new signal at the intersection of U.S. Route 340/522 and Duck Street. Existing water and sewer facilities owned by the Town of Front Royal will be adjusted during construction. Traffic will be maintained at all times throughout the project although motorists may expect minor delays. A canoe portage will be constructed on the South bank of the river and appropriate signage will be installed in order to accommodate river traffic. This project is being constructed to improve safety concerns due to the deteriorating condition of the existing bridge and to improve the capacity of the roadway. Strict erosion and sediment measures shall be enforced throughout the life of the project due to the close proximity of environmentally sensitive

areas. No families will be displaced as a result of the acquisition of right of way; however, one business was impacted.

Fixed completion date of September 1, 2009

G40

0206-048-106,C501, B602

King George County

This project is for the replacement of a single span structure located on Route 206 over Peppermill Creek. The existing structure is a single span reinforced concrete slab on reinforced concrete abutments, original built in 1932. The bridge useable width is 23'-0" with deck geometry rated a 2, making the structure functionally obsolete. This structure is considered scour critical and has a sufficiency rating is 49.6. The proposed two span, pre-stressed concrete beams with concrete deck, structure is utilizing full width design standards and increases the hydraulic opening for the waterway.

Fixed completion August 1, 2006

G49

0100-098-101, C501, B601

Wythe County

This bridge carries Route 100 over the New River and New River trail. It is a four span (195'-240' – 240'-195') continuous hunched steel plate curved girder with 40' face to face of rails. Route 100 is a two-lane highway thru a rural, mountainous section in Wythe County with an approach pavement width of 24. This basic purpose of this project is to replace a deficient, substandard bridge over the New River. The general scope of work will construct new box culvert and relocate stream, construct first half of new bridge and approaches, shift traffic to first half of new bridge, demolish existing bridge, and then complete construction of new bridge. Two-lane traffic will be maintained throughout the projects development and work will be coordinated with the Department of Conservation and Recreation for impact on the New River Trail.

Fixed completion May 1, 2008

G67

BR06-000-101, M500

Arlington County

This project is located on Rte. 50 over Rte. 27 in Arlington County. The scope of the project is to replace existing rigid arch frame concrete structure with prefabricated concrete arch units. The bridge will be constructed in stages with modification of substructures and wingwalls, modify/improve existing approach roadways, ramps and vertical profile. In order to minimize disturbance to the traveling public, the superstructure replacement and approach roadway work shall be performed in multiple

stages. The construction stages for these operations on Rte. 50 main line lanes are limited to non-rush hours daily.

Fixed completion May 1, 2007

F08

0620-046-249, M502

Isle of Wight County

Foursquare Road is a rural secondary with a traffic count of approximately 1300 per day, on level terrain, running through agricultural, forested and residential areas. The project consists of 3.407 KM of grade, drain, asphalt pavement and utilities. This project will consist of trench widening and new construction, realignment, from variable width pavement to two 3.6 m lanes with 2.4 m shoulders, ditches and drainage pipes. There are wetland limits within the project limits with off site mitigation, as well as some utilities that have been relocated to one side of this project to avoid impacting an historical farm.

Fixed completion November 1, 2006

Rejected Project

G52

0460-074-106, C501

Rejected

Prince George County

Route 460 (County Drive) is a principle arterial road that runs from 0.890 km East of NBL Route I-295 to 1.835 km East of NBL Route I-295. The purpose of this project is to construct left-turn lanes at the intersections of Route 630 (Bull Hill Road) and Route 629 (West Quaker Road) to accommodate the high volume of truck traffic and truck turning movements and improve drainage flow to eliminate standing water. This project received only one bid that was considerably over the estimate. After talking to the single bidder, it was determined that some design aspects of the job contributed to the high bid. The department will make some changes to the design to introduce some economy before the re-advertisement.