

# ***MARCH 2011 CTB Meeting***

**G14**

**0066-076-113, C505, B632, B633, B634**

**Prince William County**

The Gainesville area is a rapidly developing area located approximately 40 miles west of DC along I-66. The Route 29 corridor in this area consists of a 4-lane, open section, divided roadway with traffic signals at Virginia Oaks Drive, Linton Hall Road/Gallerher Road, and Route 55, as well as an at-grade railroad crossing between Linton Hall Road and Route 55. Due to recent development, including construction of several hundred homes and a large shopping center east of the project site along Linton Hall Road, as well as significant residential development to the south along Route 29, this area experiences significant traffic delays and congestion on a daily basis, including weekends. The Linton Hall community was recently identified as the community with the “longest average commute” in the entire nation. During the weekday peak hours, the at-grade railroad crossing and traffic signal at Linton Hall Road cause queuing of traffic to extend for several miles to the south on Route 29 in the morning, and onto the mainline lanes of I-66 for approximately 1 mile in the afternoon.

This is the final phase in a series of projects that will alleviate congestion along the I-66 corridor between Manassas and Gainesville, a distance of approximately 4.5 miles. Two phases of widening of I-66 have already been completed, and the third phase of construction provided a new overpass of I-66 and a direct link between Wellington Road and Route 29, a road constructed to provide an alternate route around the Gainesville area. This fourth and final phase of construction will provide a single point urban interchange and braided ramps along Route 29, just south of I-66. It will include construction of four (4) new bridges. Following construction, the traffic signals on Route 29 at Route 55 and Linton Hall Road/Gallerher Road will be eliminated, Route 29 will be widened to a 6-lane facility (not including auxiliary lanes), and two (2) at-grade railroad crossings will be eliminated – one on Route 29 and one on Gallerher Road. The removal of the existing at-grade railroad crossings represents a significant safety improvement as compared to the existing condition due to the very heavy use of the railroad for freight traffic. The interchange configuration will carry Route 29 over Norfolk Southern Railroad, and Linton Hall Road/Gallerher Road will pass over both Route 29 and Norfolk Southern Railroad. Both bridges over Norfolk Southern Railroad have been designed to accommodate the expansion of the railroad from the existing single track to an ultimate four (4) tracks, including one Virginia Railway Express (VRE) track. As part of the interchange construction, a 10’ wide shared use path will be constructed along Linton Hall Road/Gallerher Road as well as along Route 29 between Virginia Oaks Drive and Linton Hall Road. A 5’ sidewalk will also be provided along Linton Hall Road and Gallerher Road. The long construction duration for this project is due to the significant maintenance of traffic and detour operations and significant amount of structure construction required. Due to adjacent development, significant retaining walls will be constructed to limit impacts to adjacent properties, and Route 29 will need to be constructed in phases due to limited right-of-way availability. Once the northbound lanes are constructed, all traffic, both northbound and southbound directions, will be temporarily shifted onto the new overpass

of Norfolk Southern, the Route 29 detour will be removed, and the permanent southbound lanes of Route 29 will be constructed.

Fixed completion June 30, 2015

H01

**0095-043-096, N501**

**Henrico County**

This project will mill and overlay with asphalt concrete the existing asphalt pavement of interstate routes throughout the Richmond District. There will be minor impacts to the motoring public due to lane closures. One open lane of traffic must be maintained at all times. A single lane closure with no time restrictions is permitted.

Fixed completion December 1, 2011

H20

**0081-080-778, B649**

**Roanoke County**

This project is to preserve the asset life of interstate bridges. The structures have been in use for approximately 46 years (structures 2022 and 2023) and 30 years (structures 2051 and 2052). The project will restore the riding surface on the bridge decks. The approach roadway will be paved to the extent to provide smooth transition on and off the new deck overlay (approximately 100' beyond the end of the approach slabs). The only impact will be traffic lanes on route 81 will be reduced to as little as 11 feet during bridge construction.

Rte. 777 (Fort Lewis Church Road)

Structure no. 2022 NBL

Structure no. 2023 SBL

Constructed in 1964

Rte. 647 (Dow Hollow Road)

Structure no. 2051 NBL

Structure no. 2052 SBL

Constructed in 1970

Fixed completion October 28, 2011

H43

**PVMT-122-198, N501**

**Cities of Hampton and Newport News**

This is a concrete pavement repair project located on I-64 at various locations in Hampton and Newport News. The existing pavement is concrete with a variable width of 24' to 48'. The intent of this project is to improve the riding surface of the existing roadway by patching the broken areas in the pavement. Restrictions to traffic are required for lane

closures to repair concrete pavement. These lane closures will be during non-peak traffic hours and will be removed prior to any peak traffic volumes.

Fixed completion September 22, 2012

G23

**BRDG-963-067, B602**

**Lynchburg District**

This project will line structurally deficient metal culverts with smooth walled steel liners on (33) culverts in the Lynchburg District. This work will not change the basic geometrics of any of the culverts included in the contract. This culvert rehabilitation work will prolong the life expectancy of each culvert that is addressed under this contract.

Fixed completion May 18, 2012

H24

**TS01-962-S07, N501**

**Salem, Bristol & Lynchburg Districts**

This project is to improve the safety of intersections within the Bristol, Salem, and Lynchburg Districts, by using an on-call contractor to install new traffic signals at intersections that meet the required signal warrants; modify existing signalized intersections that may need updating or configuration changes due to roadway geometrics changes or increases roadway capacity demands; and complete traffic signal replacements due to the existing signalized intersections being beyond their useful life cycle. Lane closures will occur where work over the roadway is required. These will be scheduled during off-peak times to minimize impacts to traffic. This project is supported by the Bristol, Salem and Lynchburg District offices, as well as the Southwest Regional Operations office.

Fixed completion December 31, 2012

R19

**TS09-96A-S94, N501**

**Northern Virginia District**

This project is for on-call traffic signal maintenance for the Northern Virginia District (NOVA). Signal maintenance for the Northern Virginia District comprises of the counties of Fairfax, Loudoun and Prince William. The scope of the project is to maintain signals by replacing / installing any component as-needed, whereas, to maintain a high degree of functionality of all existing traffic signals in NOVA. This work includes but is not limited to signal heads, lens, poles, tether wire, foundations, borings, conductors, pedestrian signal equipment, power supplies, controls, cabinets, pavement restoration, and sidewalk repairs associated with signal maintenance. The contractor will be required to provide equipment, labor, materials and traffic control as necessary to perform the required work.

Fixed completion April 27, 2012

H18

**0691-002-258, C501**

**Albemarle County**

This project is an improvement to existing Jarmans Gap Road by providing wider travel lanes, adding bike lanes, adding curb and gutter and sidewalk. This project will improve the riding conditions for both vehicle and pedestrian traffic. The proposed design calls for 2-12' travel lanes, 2-4' bicycle lanes, curb and gutter on each side of the roadway and sidewalk on the northern side of Route 691. A complete road closure of Route 691 is proposed for 60 days for installation of a box culvert on Powells Creek. Detour are planned to address the closing and of the impact the roadway construction will have on the daily commuters and local population. Currently this roadway is approximately 19 feet wide with no shoulders, no curb and gutter or sidewalks. No dwellings or commercial building are impacted by this project.

Fixed completion September 21, 2012

# BID RESULTS FOR THE CTB

**February 23, 2011**

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
<b><u>INTERSTATE</u></b>							
G14	52326	FROM: ROUTE 29/VIRGINIA OAKS DRIVE INTERSECTION	AWARD	SHIRLEY CONTRACTING COMPANY, LLC	11	\$74,389,057.13	\$133,647,052.00
(F0)	0066-076-113, C505, B632, B633, B634, B635	TO: 0.033 MI. SOUTH OF WB I-66 BASELINE		LORTON, VA .			\$113,909,297.00 )
	NH-066-1(337)	PRINCE WILLIAM CO.					
	Construction Funds	DRAIN. GRADE, ASP. PAVE., SIGNALS, 4 STR., UTILITIES, PLANTING					

**Purpose and Need:** This final phase of construction will provides braided ramps along Route 29, just south of I-66. It will include construction of four (4) new bridges. Signals on Route 29 at Route 55 and Linton Hall Road/Gallerher Road will be eliminated. Route 29 will be widened to a six lane facility (not including auxiliary lanes), and two at-grade railroad crossings will be eliminated. The Construction Engineering cost \$11,640,726.00.

# BID RESULTS FOR THE CTB

February 23, 2011

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
<b><u>INTERSTATE</u></b>							
H01	94992	FROM: MP 0.74 MI. N. END JAMES RIVER	AWARD	AMERICAN	2	\$6,279,799.49	[\$10,810,293.00 ]
	(F0) 0095-043-096, N501			INFRASTRUCTURE - VA, INC.			( \$8,464,459.00 )
		TO: MP 9.55 (PARHAM ROAD BRIDGE) MM 83.38		GLEN ALLEN, VA .			
	NH-PM04(339)						
		HENRICO CO.					
	Maintenance Funds	MILL AND ASP. PAVE.					

**Purpose and Need:** This project will mill and overlay with asphalt concrete on various selected routes. There will be minor impacts to the motoring public due to lane closures. One open lane of traffic must be maintained at all times. The Construction Engineering cost \$861,814.16.

# BID RESULTS FOR THE CTB

February 23, 2011

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
<b><u>INTERSTATE</u></b>							
H20	96470 (NF0) 0081-080-778, B649	LOCATION: ROUTE 81 OVER ROUTE 647 AND ROUTE 777	AWARD	LANFORD BROTHERS COMPANY, INC.  ROANOKE, VA .	2	\$5,096,808.66	\$4,189,268.00 ( \$3,176,513.00 )
	NH-BR02(284)						
	Construction Funds	BRIDGE DECK OVERLAY (4 BRIDGES)					

**Purpose and Need:** This project is to extend and preserve the asset life of the structure by repairing the bridge deck. The Construction Engineering cost \$586,776.00.

# BID RESULTS FOR THE CTB

February 23, 2011

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
<b><u>INTERSTATE</u></b>							
H43	89476	FROM: MP 258	AWARD	DENTON CONCRETE SERVICES COMPANY	4	\$3,161,428.22	[ \$4,702,942.00 ]
	(NF0) PVMT-114-572, N501						( \$3,576,588.00 )
		TO: MP 262		SAINT CLAIR SHORES, MI			
	ACSTP-PM05(233)						
		CITY OF HAMPTON					
	Maintenance Funds	CONCRETE PAVEMENT REPAIR I-64					

**Purpose and Need:** This project is to improve the riding surface of the existing roadway by patching the broken areas in the pavement. The Construction Engineering cost \$530,000.00.

4 Recommended for AWARD \$88,927,093.50

[\$ ] = District Budget

(\$ ) = Construction Cost Only



# BID RESULTS FOR THE CTB

February 23, 2011

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
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MISCELLANEOUS

G23	95874	VARIOUS LOCATIONS	AWARD	DLB, INC.	4	\$2,930,628.20	[ \$4,434,503.00 ]
	(NF0) BRDG-963-067, B602						( \$3,362,462.00 )

HILLSVILLE, VA .

BR-963-3(025)

LYNCHBURG DISTRICT

Maintenance Funds METAL CULVERT REHABILITATION

**Purpose and Need:** This project will provide lining structurally deficient metal culverts with smooth walled steel liners on (33) culverts. The Construction Engineering cost \$469,058.00.

# BID RESULTS FOR THE CTB

February 23, 2011

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
<b><u>MISCELLANEOUS</u></b>							
H24	98510	VARIOUS LOCATIONS	AWARD	RICHARDSON - WAYLAND ELECTRICAL CO., LLC ROANOKE, VA .	2	\$7,952,940.00	[ \$6,000,000.00 ] ( \$4,603,500.00 )
	(NF0) TS01-962-S07, N501						
	STP-TS02(224)						
		SALEM, BRISTOL AND LYNCHBURG DISTRICTS					
	Maintenance Funds	REGIONAL SIGNAL ON-CALL CONTRACT					

**Purpose and Need:** This project is to improve the safety of intersections within the Bristol, Salem, and Lynchburg Districts. This is to be accomplished by using an on-call contractor to install new traffic signals at intersections that meet the required signal warrants; modify existing signalized intersections that may need updating or configuration changes due to roadway geometrics changes or increases roadway capacity demands; and complete traffic signal replacements due to the existing signalized intersections being beyond their useful life cycle. The Construction Engineering cost \$0.00.

# BID RESULTS FOR THE CTB

February 23, 2011

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
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MISCELLANEOUS

R19	98019	VARIOUS LOCATIONS	AWARD	THE B & B/TCMS JOINT VENTURE	5	\$3,785,478.49	[ \$5,100,000.00 ]
	(NF0) TS09-96A-S94, N501			MANASSAS, VA			( \$3,890,025.00 )

NORTHERN VA DISTRICT

Maintenance Funds      TRAFFIC SIGNAL MAINTENANCE, REHAB/ REBUILD/  
MODIFICATION

**Purpose and Need:** This project is to maintain signals by replacing / installing any component as-needed, whereas, to maintain a high degree of functionality of all existing traffic signals. The Construction Engineering costs \$0.00.

3 Recommended for AWARD \$14,669,046.69

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# BID RESULTS FOR THE CTB

February 23, 2011

Order No.	UPC No. Project No.	Location and Work Type	RECOMMENDATION	Contractor	Number of Bids	Bid Amount	CN From 6 Year Program
<b><u>SECONDARY</u></b>							
H18	11129	FROM: 0.911 MI. W. ROUTE 240	AWARD	GENERAL EXCAVATION, INC.	7	\$3,946,179.53	\$5,465,170.00
	(NF0) 0691-002-258, C501			WARRENTON, VA			( \$4,287,589.00 )
	STP-002-7(028)	ALBEMARLE CO.					
	Construction Funds	0.907 MI. GRADE. DRAIN. ASP. PAVE. INCID. CONC., PLANTING & UTILITIES					

**Purpose and Need:** This project will improve the riding conditions for both traveling public & pedestrian traffic by increasing the safety and capacity for bicyclists and pedestrians along Route 691. The Construction Engineering cost \$729,804.32.

1 Recommended for AWARD \$3,946,179.53

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