



Loudoun County, Virginia

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Office of the County Administrator

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At a business meeting of the Board of Supervisors of Loudoun County, Virginia, held in the County Government Center, Board of Supervisors' Meeting Room, 1 Harrison Street, S.E., Leesburg, Virginia, on Wednesday, May 20, 2015 at 4:00 p.m.

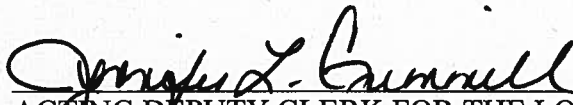
IN RE: CONTRACT AWARD/CONSTRUCTION OF THE ROUTE 7 & ROUTE 659 INTERCHANGE

Mr. Buona moved the recommendation of the Finance/Government Services and Operations Committee that the Board of Supervisors authorize the Purchasing Agent to award a contract for the construction of the Route 7 & Route 659 Interchange to the Shirley Contracting Company, LLC in the estimated amount of \$48,386,457.

Seconded by Mr. Williams.

Voting on the Motion: Supervisors Buona, Clarke, Delgaudio, Higgins, Reid, Volpe, Williams and York – Yes; None – No; Supervisor Letourneau – Absent for the Vote.

A COPY TESTE:



ACTING DEPUTY CLERK FOR THE LOUDOUN
COUNTY BOARD OF SUPERVISORS

**BOARD OF SUPERVISORS
BUSINESS MEETING
ACTION ITEM**

SUBJECT: **FINANCE/GOVERNMENT SERVICES AND
OPERATIONS COMMITTEE REPORT:
CONTRACT AWARD/Construction of the Route 7
& Route 659 Interchange**

ELECTION DISTRICT: Ashburn

CRITICAL ACTION DATE: May 20, 2015

STAFF CONTACTS: Joe Kroboth, Transportation & Capital Infrastructure
Christopher Glassmoyer, Transportation & Capital
Infrastructure
Christopher Bresley, Management & Financial Services

PURPOSE: To award a contract for the construction of the Route 7 & Route 659 Interchange.

RECOMMENDATIONS:

Committee: On May 12, 2015, the Finance/Government Services and Operations Committee (FGSOC) voted 4-0-1 (Reid, Absent) to recommend to the Board of Supervisors that the Purchasing Agent be authorized to award a contract for the construction of the Route 7 & Route 659 Interchange to the Shirley Contracting Company, LLC in the estimated amount of \$48,386,457.

Staff: Staff concurs with the recommendation to award the contract.

BACKGROUND: Invitation for Bid (IFB) No. 36 was issued on January 27, 2015 for the Construction of the Route 7 & Route 659 Interchange. Six (6) bids were received on March 31, 2015 with Shirley Contracting Company, LLC being the lowest responsive and responsible bidder in the amount of \$48,386,457. The other five (5) bids were as follows:

Name	Bid Price
The Lane Construction Corporation	\$51,800,000
Fort Myer Construction.	\$52,461,580
Branch Highways	\$56,345,538
Fachina Construction Company	\$56,997,750
Cherry Hill Construction Inc.	\$66,860,000

On April 14, 2015 the County submitted the bid documents from Shirley Contracting, LLC to the Virginia Department of Transportation (VDOT) requesting authority to award the construction contract. Authority to award the construction contract was received from VDOT on May 4, 2015.

The interchange is a Single Point Urban Interchange (SPUI) that includes approximately 1.4 miles of construction/ reconstruction of Belmont Ridge Road from a 2 lane rural section to a 4 lane divided section from the interchange limits at Route 7 to Gloucester Parkway. The Project includes, but is not limited to: roadway and interchange construction, bridge over Route 7 and four interchange ramps; surveying, clearing and grubbing, major earth work operations, rock excavation and blasting, erosion and sediment control, storm water management pond construction and modification; demolition of pavement, installation of pavement, road closures, traffic control, temporary median pavement, installation and maintenance of concrete traffic barriers; installation of curb & gutter, storm sewer, culvert crossings, and a triple 8'x10' box culvert; temporary and permanent signage and pavement markings, signalization, lighting, and landscaping. This Project also includes utility relocations of dry utilities (by others), utility coordination, construction of water and sewer lines to be owned and operated by Loudoun Water, and coordination with adjacent projects. The project also requires complete compliance with all applicable permits and other regulations, including environmental control and compliance with wetlands permits, grading permits and all other applicable environmental permits. Once complete, this interchange will be turned over to the Virginia Department of Transportation for acceptance and maintenance.

ISSUES: The Route 7/Belmont Ridge Road interchange is currently an at-grade signalized intersection. This intersection is being designed for a grade-separated interchange in accordance with the Countywide Transportation Plan (CTP). The utility relocation work began in December 2014 and is planned to be completed by the fall of 2015. The Notice to Proceed that starts the contract construction time of 36 months is planned to be issued in August 2015. The following project activities will be occurring between now and the anticipated Notice to Proceed date in August:

- Relocation of utilities by Washington Gas, Dominion Virginia and Verizon to the point they will not impact the start of construction
- Awarding the Construction Engineering and Inspection Services Contract (see below)
- Award and execution of contract and receipt of bonds
- County review and approval of pre-construction submittals prepared by the Contractor including critical path construction activities schedule
- Approval of VDOT pre-construction permits and bonds
- Establishing Project Website by Public Affairs

In addition to the construction contract, negotiations were completed on April 30, 2015 with the top ranked firm for Construction Engineering and Inspection (CEI) Services based on Request for Proposal (RFP) that was issued in October of 2014. The request for authority to award this contract is being prepared for submission to VDOT and staff anticipates bringing an item for contract award to the Board in the near future pending VDOT and FHWA approval.

Loudoun Water has requested a betterment to their existing system be constructed as part of the County's interchange project, which is described in more detail in Item #14d for the May 20, 2015 Business Meeting. Loudoun Water has assumed responsibility for the cost of the

betterment. Loudoun Water is requesting to enter into an agreement with the County to include reimbursement of the utility work valued at \$1,063,796 and any costs above the established reimbursement amount. This work is included in the scope of the contract award cost to Shirley Contracting Company, LLC.

FISCAL IMPACT: Sufficient funding is appropriated in the Route 7/Belmont Ridge Road Interchange capital project account to award a construction contract to Shirley Contracting Company, LLC in the estimated amount of \$48,386,457. A breakdown of the VDOT eligible project costs is contained in the table below. Staff notes that the “construction” line item includes other costs beyond the construction contract as part of this item (such as the CEI services mentioned above), and all costs continue to be well within the budget for the project.

Project Cost Breakdown	
Preliminary Engineering	\$3,106,309
Right of Way & Utilities	\$10,504,153
Construction	\$66,415,865
(10/21/2014 VDOT SPAA)	\$80,026,327

ALTERNATIVES:

1. Authorize the Purchasing Agent to award a contract for the construction of the Route 7 & Route 659 Interchange to the Shirley Contracting Company, LLC in the estimated amount of \$48,386,457.
2. Do not recommend award of contract and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move the recommendation of the Finance/Government Services and Operations Committee that the Board of Supervisors authorize the Purchasing Agent to award a contract for the construction of the Route 7 & Route 659 Interchange to the Shirley Contracting Company, LLC in the estimated amount of \$48,386,457.

OR

2. I move an alternate motion.

ATTACHMENT:

1. *Capital Improvement Program: FY 2014 Adopted Fiscal Plan, Volume 2; page 11-17*



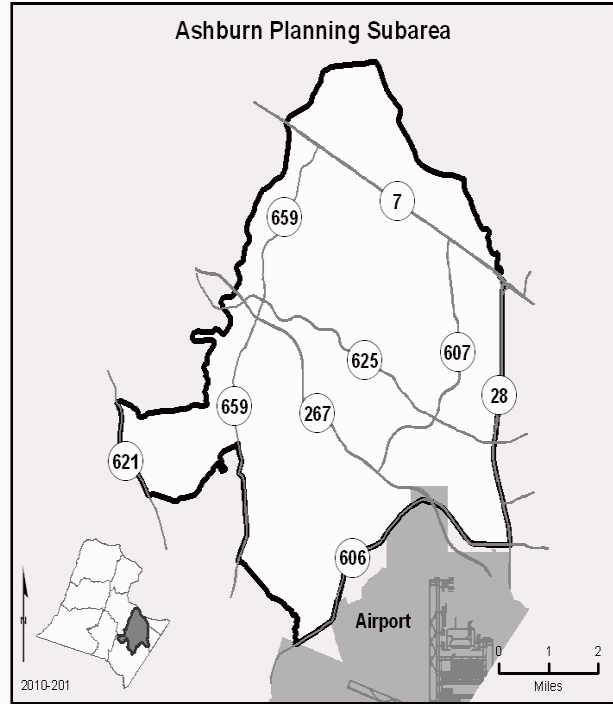
Route 7/Belmont Ridge Road Interchange

Project Description

This project provides funding to complete the design and construction of the Route 7/Route 659 Interchange, and the realignment and widening of Belmont Ridge Road (Route 659) from two to four lanes between Route 7 and Gloucester Parkway. The Commonwealth has budgeted \$72 million in State funding to complete the Route 7/Route 659 Interchange and a four lane segment of Belmont Ridge Road from the interchange to Gloucester Parkway. Once design of the project is complete, total project costs will be re-evaluated to determine the funding required to complete the project. If necessary, the project may be broken into phases in the event current funding is not adequate. The County will work with VDOT to identify additional State funds as necessary.

Current Status

This project is currently in design. Construction is planned to begin in FY 2014.



Funding

Funding for the road improvements are from State capital grants, cash proffers, and general obligation bonds.

Operating Impact

Operations & Maintenance

The road is being designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.

Debt Service

No debt service expense will be incurred during the six-year CIP planning period.

Capital (\$ in 1000s)	Prior Alloc.	FY 2013 Adopted	FY 2014 Adopted	FY 2015	FY 2016	FY 2017	FY 2018	6 Year Total	Future FY's	Project Total
Professional Services	7,130	0	0	0	0	0	0	0	0	7,130
Construction of Roads	72,000	2,745	0	0	0	0	0	2,745	0	74,745
Total Cost	79,130	2,745	0	0	0	0	0	2,745	0	81,875
GO Bonds	4,500	0	0	0	0	0	0	0	0	4,500
Proffers (Cash)	2,630	2,745	0	0	0	0	0	2,745	0	5,375
State Capital Assistance	72,000	0	0	0	0	0	0	0	0	72,000
Total Financing	79,130	2,745	0	0	0	0	0	2,745	0	81,875