



ARLINGTON COUNTY, VIRGINIA

County Board Agenda Item Meeting of February 24, 2018

DATE: February 14, 2018

SUBJECT: Approve an additional amount beyond the original agreement with the Virginia Department of Transportation (VDOT) for construction of the Lynn Street Esplanade, Rosslyn Circle and Custis Trail project (UPC 109813).

C. M. RECOMMENDATIONS:

1. Approve an additional \$1,363,502 beyond the original agreement with VDOT for construction of the Lynn Street Esplanade, Rosslyn Circle and Custis Trail project (UPC 109813).
2. Authorize the County Manager or his designee, on behalf of the County Board, to execute an amendment to the Standard Project Administration Agreement and all related documents necessary to update the cost estimate in Appendix A of the Standard Project Administration Agreement, subject to approval of the documents as to form by the County Attorney.

ISSUES: There are no known issues at the date of this report.

SUMMARY: Based on bid results, VDOT staff has provided the County with a construction and ancillary cost estimate that is \$1,363,502 higher than the Agreement approved by the Board in December 2016 for construction of the Lynn Street Esplanade, Rosslyn Circle and Custis Trail project (UPC 109813), prepared in December 2016. Approval of this cost estimate increase is needed to provide the additional funds to VDOT for award of the construction contract scheduled for March 21, 2018. An award after March 24, 2018 would cause the County to incur even more additional expenses, per the contract.

BACKGROUND: The Lynn Street Esplanade and Custis Trail Improvements project is a pedestrian and bicycle safety, traffic management and street beautification initiative. The Lynn Street Esplanade would provide widened sidewalks, intersection improvements, upgraded traffic signals, on-street bike lanes, new street lights, and street trees and also would provide the infrastructure for the "Corridor of Light" public art elements at each of the four corners of the Interstate 66 bridge.

County Manager:

mga / cgm

County Attorney:

[Signature]

26.

Staff: Tom Hutchings, Department of Environmental Services

The Custis Trail improvements include bicycle and pedestrian facility upgrades, including intersection improvements, westbound Lee Highway lane reduction and reconfiguration, trail widening, increased trail separation, curb extensions, signal modifications and new street lights and street trees.

The 1999 Esplanade Study, the 2003 Rosslyn Circle Safety Study and the 2006 Lynn Street Esplanade Preliminary Design Study findings are also being incorporated into the current plans.

The project aligns with the goals of Arlington County's Complete Street program to expand safe travel options for all modes of transportation in the project area. N. Lynn Street, the Custis Bike Trail and westbound Lee Highway are key transportation links and are challenging for pedestrians, bicyclists, vehicle traffic and transit users on a daily basis.

Below is the timeline of major milestones for the Lynn Street Esplanade, Rosslyn Circle and Custis Trail project:

- At its November 13, 2008 meeting, the County Board approved the Original VDOT Locally Administered Project (LAP) Agreement to use Federal and State funds for \$200,000 Preliminary Engineering (PE) Phase and \$800,000 Construction (CN) phase funding. An allocation of \$153,000 in Arlington Bus Stop funding was also transferred to the project.
- At its October 23, 2010, meeting, the Arlington County Board approved revision to VDOT Project Funding Agreement to combine the Rosslyn Circle Improvements Project (UPC 70762) with the Arlington Capital Improvements Project, The Lynn Street Esplanade.
- On March 31, 2015, UPC 70762 was updated by VDOT to reflect 90 percent construction costs for PE and CN phase work. An additional \$2,000,000 of VDOT Revenue Sharing Matching Funds were allocated to The Project.
- On October 27, 2015, Arlington met with VDOT to discuss the potential for VDOT Administration of the CN phase of work.
- At its December 10, 2016 meeting, the Arlington County Board approved a new funding agreement in the amount of \$7,950,000 that conveyed the CN phase of work from Arlington to VDOT (UPC 109813) and restructured the remaining agreement (UPC 70762) to cover only the PE phase of the project.
- On March 28, 2017, VDOT advertised the project for the first time for general construction. Bid opening was on May 24, and only one bid was received. It was not accepted due to previous established restriction on the bidder by VDOT. The bid was additionally exceptionally high compared to the VDOT engineer's cost estimate. In response, additional revisions were made to the plans and the bid package in preparation to re-bid.

- On October 10, 2017, VDOT re-advertised the project. Six bids were opened on January 24, 2018. The low bid of \$7,067,600 came in below the VDOT internal engineer's construction cost estimate of \$8,231,590 and was determined by VDOT to be responsive. VDOT is preparing for contract approval and a spring 2018 construction start date.

The low bid came in much higher than the estimated construction cost in the current VDOT Funding Agreement (UPC 109813), prepared in December 2016.

Bids received ranged from \$11.9 million to the low bid of \$7.067 million. Arlington County Engineering staff and the consulting engineers who prepared the plans have reviewed the low bid and agree with VDOT that it represents a fair price for the work.

DISCUSSION: Although the low bid was below the most recent engineer's estimate, the current overall VDOT construction and administration cost estimate is now \$1,363,502 higher than the approved agreement from December 2016. The \$1,363,502 increase reflects costs associated with three significant changes: 1) construction costs for materials and labor have increased significantly since 2016; 2) design changes were made to accommodate improved Maintenance of Traffic plans, temporary signals, material changes and various smaller changes; and 3) additional revisions to the plans and bid items were needed for VDOT to use its Automated Procurement System.

Total Cost Estimate – UPC 109813

\$7,950,000	Agreement approved by the County Board in December 2016
\$9,313,502	Proposed 2018 Appendix A Update (including soft costs)
(\$1,363,502)	Increase

The Appendix A of the Standard Project Administration Agreement (UPC 109813) has been updated to reflect a \$1,363,502 increase to be funded by the County.

PUBLIC ENGAGEMENT: Meetings with area stakeholders began in 2005 as part of project initiation and continued through 2016 when final plans were submitted to VDOT. Throughout the design process, County staff has engaged area residents, businesses, community groups and commissions for direction and feedback. County staff continues to provide ongoing schedule updates to the community.

FISCAL IMPACT: This project was included in the Fiscal Year (FY) 2017-FY 2026 Capital Improvement Plan in the Rosslyn-Ballston Arterial Street Improvements program under Transportation, Complete Streets. With Board approval, \$1,363,502 in TCF-C&I balances would be programmed to this project to fully fund the revised construction cost estimate. The following account would be used for the additional payment to be made to VDOT: TCF-C&I (331...43513.PW24.CT00).

VDOT Administered, Locally Funded Appendix A - Rev 1

Date: 2/1/2018

Project Number: 0029-000-859 UPC: 109813 CFDA# 20.25 Locality: Arlington County

Project Location ZIP+4: 22209-1742	Locality DUNS# 56285042	Locality Address (incl ZIP+4): 2100 Clarendon Blvd. Suite 900 Arlington, VA 22201-5404
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Project Narrative

Scope: Rosslyn Circle Improvements
From: N. Lynn Street
To: I-66 Exit Ramp
Locality Project Manager Contact info: : Tom Hutchings 703 228-3809 Thutchings@arlingtonva.us
Department Project Coordinator Contact Info: Khalid Gandhi 703 259-2397 KhalidGandhi@vdot.virginia.gov

Project Estimates

Phase	Estimated Project Costs
Preliminary Engineering	\$ -
Right of Way & Utilities	\$ -
Construction	\$9,313,502
Total Estimated Cost	\$9,313,502
Estimate for Current Billing	\$9,313,502

Project Cost

Phase	Project Allocations	Funds type (Choose from drop down box)	Local % Participation for Funds Type	Local Share Amount
Preliminary Engineering				
Total PE				
Right of Way & Utilities				
Total RW				
Construction	\$4,438,950	Revenue Sharing	50%	\$2,219,475
	\$4,874,552	Local Funds	100%	\$4,874,552
Total CN	\$9,313,502			\$7,094,027
Total Estimated Cost	\$9,313,502			\$7,094,027

Total Maximum Reimbursement / Payment by Locality to VDOT

\$7,094,027

Project Financing

Revenue Sharing (state match)	Revenue Sharing (local match)	Local Funds			Aggregate Allocations
\$2,219,475	\$2,219,475	\$4,874,552	\$0	\$0	\$9,313,502

Payment Schedule

FY 2018			
\$1,363,502			

Program and Project Specific Funding Requirements

- This Appendix A supersedes any previously listed funding schedule.
- VDOT has billed the locality \$5,730,525.00 (dollar amount) for this project as of 1/31/2018 (date)
- VDOT has received \$5,730,525.00 (dollar amount) from the locality for this project as of 1/31/2018 (date)
- The locality shall make one payment to VDOT as follows: \$1,363,502 due no later than April 24, 2018
- Revenue Sharing Perogram funds, as indicated in the Project Financing section, were approved in the following fiscal years:
 - FY15 - \$438,950 (\$219,475 locality match and \$219,475 VDOT match) (Transferred from UPC 70762)
 - FY17 - \$4,000,000 (\$2,000,000 locality match and \$2,000,000 VDOT match) (Transferred from UPC 70762)
- The Locality will continue to operate and maintain the facility as constructed. Should the design features of the project be altered by the Locality subsequent to project completion without approval of the Department, the locality inherently agrees, by execution of this agreement, to make restitution, either physically or monetarily, as required by the Department.
- All local funds included on this appendix have been formally committed by the local government's board resolution.
- Arlington County will administer the PE phase of this project under a separate agreement for UPC 70762. VDOT will administer the CN phase under UPC 109813.

This attachment is certified and made an official attachment to this document by the parties to this agreement

Authorized Locality Official and Date

Authorized VDOT Official and Date

Typed or printed name of person signing

Typed or printed name of person signing