

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
AGENDA**

April 12, 2016

6:00 p.m.

**Loudoun County Government Center
1 Harrison Street, S.E., Leesburg, VA
Board Room**

Committee Members:

Matthew Letourneau, Chair

Phyllis Randall - Tony Buffington - Ralph Buona - Koran Saines

**Proposed for Consent*

- 1. Monthly Department of Economic Development Report (Information)**
Election District: Countywide
Staff Contacts: Buddy Rizer, Economic Development
- 2. Economic Development Advisory Committee (EDAC) Update (Information)**
Election District: Countywide
Staff Contact: Buddy Rizer, Economic Development
Sharon Virts, Chairman, EDAC
Todd Pearson, Vice-Chairman, EDAC
- 3. Visit Loudoun Update (Information)**
Election District: Countywide
Staff Contact: Julie Grandfield, County Administration
Visit Loudoun Contacts: Beth Erickson, President and CEO
Jackie Saunders, Vice-President of Marketing
Greg Harp, Director of Finance and Administration
- 4. *CONTRACT AWARD/Landfill Articulated Truck Purchase (Action)**
Election District: Catocin
Staff Contacts: Ernest Brown, General Services
Michael Fairbanks, General Services
Andy Bollinger, General Services
Philip Butterfass, Finance and Procurement
- 5. *CONTRACT AWARD/Construction of Traffic Signals at Belmont Ridge Road and Croson Lane; Tall Cedars Parkway and Poland Road (Action)**
Election District: Dulles, Blue Ridge, Broad Run
Staff Contacts: Joe Kroboth, Transportation and Capital Infrastructure
Melissa Tello, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

6. *CONTRACT AWARD/Design Build Delivery of the Route 772 Transit Connector

Bridge (Action)

Election District: Broad Run

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Melissa Tello, Transportation & Capital Infrastructure
Christopher Bresley, Finance and Procurement

7. *CONTRACT AWARD/Office Supplies and Office Paper (Action)

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Philip Butterfass, Finance and Procurement

8. *AWARD AUTHORITY INCREASE/Consultant Services for Transportation and Urban Planning (Action)

Election District: Countywide

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Christopher Bresley, Finance and Procurement

9. *AWARD AUTHORITY INCREASE/Roadway and Civil Design Services for the Russell Branch Parkway (Action)

Election District: Broad Run

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Melissa Tello, Transportation & Capital Infrastructure
Mike Angel, Finance and Procurement

10. *FY 2016 Capital Improvement Program Amendment/Shaw Road (Action)

Election District: Sterling

Staff Contacts: Peter Malgieri, Transportation and Capital Infrastructure
Daniel Csizmar, Transportation and Capital Infrastructure
Joe Kroboth, Transportation and Capital Infrastructure

11. CONTRACT AWARD/Architectural and Engineering Services for the Hal and Berni Hanson Regional Park (Action)

Election District: Blue Ridge

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Mark Hoffman, Transportation & Capital Infrastructure
Christopher Bresley, Finance and Procurement

12. Quarterly Report/Upcoming Contracts – 4th Quarter, FY 2016 (Information)

Election District: Countywide

Staff Contacts: Cheryl Middleton, Finance and Procurement
John Sandy, County Administration

13. Quarterly Report/Capital Improvement Projects – 3rd Quarter, FY 2016 (Information)

Election District: Countywide

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Mark Hoffman, Transportation & Capital Infrastructure
Melissa Tello, Transportation & Capital Infrastructure

14. Public Safety Technology System (PSTS) Project Update (Information)

Election District: Countywide

Staff Contacts: Wendy Wickens, Information Technology
Sheriff Michael Chapman, Sheriff's Office
Chief Keith Brower, Department of Fire, Rescue and Emergency Management

15. Bond Disclosure and Continuing Disclosure Policy (Action)

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

16. Advancement of Projects included in Fall General Obligation Referenda (Action)

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

17. Resolutions Authorizing the Issuance and Sales of General Obligation Public Improvement Bonds, Lease Revenue Bonds, and Refunding Bonds (Action)

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

Next Meeting: May 10, 2016

If you require a reasonable accommodation for any type of disability in order to participate in the Finance/Government Operations and Economic Development Committee Meeting, please contact the Office of the County administrator at 703-777-0200/TTY-711. At least one business day of advance notice is requested; some accommodations may require more than one day of notice. FM Assistive Listening System is available at the meeting.

**BOARD OF SUPERVISORS
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AGENDA SUMMARY**

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Committee Members:

Matthew Letourneau, Chair

Phyllis Randall - Tony Buffington - Ralph Buona - Koran Saines

**Proposed for Consent*

1. Monthly Department of Economic Development Report (Information)

The Department of Economic Development's monthly statistical report shows leading economic indicators for Loudoun County, and key department performance indicators. The executive director will also report on key economic development activities that have occurred since the March 2016 meeting.

Election District: Countywide

Staff Contacts: Buddy Rizer, Economic Development

2. Economic Development Advisory Committee (EDAC) Update (Information)

The purpose of this item is to update the Committee on the work of the EDAC and its Ad-Hoc Committees.

Election District: Countywide

Staff Contact: Buddy Rizer, Economic Development

Sharon Virts, Chairman, EDAC

Todd Pearson, Vice-Chairman, EDAC

3. Visit Loudoun Update (Information)

The Memorandum of Understanding between the County and Visit Loudoun requires that Visit Loudoun provide semi-annual updates to either the full Board of Supervisors or one of the Board's Standing Committees. At the April 12, 2016 Finance/Government Operations and Economic Development Committee meeting, Greg Harp, Director of Finance and Administration of Visit Loudoun will provide an update to the Committee.

Election District: Countywide

Staff Contact: Julie Grandfield, County Administration

Visit Loudoun Contacts: Beth Erickson, President and CEO

Jackie Saunders, Vice-President of Marketing

Greg Harp, Director of Finance and Administration

4. *CONTRACT AWARD/Landfill Articulated Truck Purchase (Action)

The Loudoun County Solid Waste Management Facility (LCSWMF) requests authorization to purchase an articulated dump truck. The machine identified for purchase is a Caterpillar 745C Articulated Dump Truck. The off-road articulated truck will be used at the facility to haul cover soil, vegetative waste, rubble and crushed stone. The articulated dump truck is a replacement of an existing machine.

The LCSWMF will purchase the equipment through the use of a cooperative contract with the National Joint Powers Alliance (NJPA), of which Loudoun County is a member. The NJPA is a governmental agency operating under the enabling authority outlined in Minnesota Statute 123A.21. This statute was created in 1978 and revised in 1995 to allow participating government and education agencies to reduce the cost of purchased equipment and products by leveraging their combined national purchasing power. The NJPA establishes and provides nationally leveraged and competitively solicited purchasing contracts. Members can purchase through NJPA contracts without duplicating their own competitive bidding process and requirements. The result of this cooperative effort is a variety of nationwide, high-volume, cost-effective competitively bid contract solutions and services.

The existing landfill equipment is scheduled for replacement due to use, age and cost of increased maintenance and repair and further erosion of trade value. The current waste tonnage volume requires replacement of equipment. The total purchase price of the requested equipment is \$689,887. The fleet replacement fund has been funded by landfill revenue for the replacement unit. This purchase is funded by landfill fee revenue—no debt service expense will be incurred and no local tax funding is required.

Staff recommends the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to purchase an articulated dump truck for the Loudoun County Solid Waste Management Facility from Caterpillar Inc., in the estimated amount of \$689,887.

Election District: Catoclin

Staff Contacts: Ernest Brown, General Services
Michael Fairbanks, General Services
Andy Bollinger, General Services
Philip Butterfass, Finance and Procurement

5. *CONTRACT AWARD/Construction of Traffic Signals at Belmont Ridge Road and Croson Lane; Tall Cedars Parkway and Poland Road (Action)

On March 8, 2016, staff received bids for Construction of Traffic Signals at Belmont Ridge Road and Croson Lane Intersection and Tall Cedars Parkway and Poland Road Intersection. Two (2) lump sum bids were received as follows:

1. Ardent Company, LLC in the amount of \$655,500.00
2. B&B Signal Company, LCC in the amount of \$836,833.95

The scope of work includes the construction and installation of traffic signals, pavement markings, signage, and pedestrian facilities at two (2) intersections in Loudoun County: Signal #1 at Belmont Ridge Road (Route 659) and Croson Lane (Route 645) and Signal #2 at Tall Cedars Parkway (Route 2200) and Poland Road (Route 742). Both signals and associated improvements are per the approved plans and per Virginia Department of Transportation (VDOT) standards. Upon completion, the signals will be accepted by VDOT and incorporated into the VDOT maintained system.

Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to award the contract for the Construction of Traffic Signals at Belmont Ridge Road and Croson Lane Intersection and Tall Cedars Parkway and Poland Road Intersection to Ardent Company, LLC. in the amount of \$655,500. Staff further recommends the FGOEDC recommend that the Board amend the FY 2016 Capital Improvement Program and budget by appropriating \$65,000 in cash proffers from ZMAP 2005-0003, Sequence Number 99066970 in the Public Facilities Fund and transfer that amount through the Transportation District Fund to the Capital Fund to fund the construction of a traffic signal at the intersection of Tall Cedars Parkway and Poland Road.

Election District: Dulles, Blue Ridge, Broad Run

Staff Contacts: Joe Kroboth, Transportation and Capital Infrastructure
Melissa Tello, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

6. *CONTRACT AWARD/Design Build Delivery of the Route 772 Transit Connector Bridge (Action)

The purpose of this item is to award a contract for the Design Build Delivery of the Route 772 Transit Connector Bridge. The Route 772 Metro Transit Connector Bridge is a key project in the Route 772 Silver Line Metro Station development. The bridge will allow passage over the Dulles Greenway from the northern and southern portions of the station kiss-&-ride areas providing key connectivity including the construction of Moorefield Boulevard.

Beginning in early 2015, the County was tasked to procure and complete the design and construction for this project. County staff recognized the aggressive Silver Line schedule and elected to proceed with the development of a Design-Build (D/B) contract in order to meet the required delivery date of December 1, 2018.

Staff recommends that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to award a contract for the Design Build Delivery of the Route 772 Transit Connector Bridge to Shirley Contracting Company, LLC in the total estimated amount of \$16,563,160.

Sufficient funding is appropriated in the Route 772 Transit Station Connector Bridge capital project account to award the Design Build contract. It is anticipated that the remaining project

balance will be required to fully execute the design and construction of the Route 772 Transit Station Connector Bridge.

Election District: Broad Run

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Melissa Tello, Transportation & Capital Infrastructure
Christopher Bresley, Finance and Procurement

7. *CONTRACT AWARD/Office Supplies and Office Paper (Action)

During June and July 2015, staff researched several options for contracting for office supplies, ranging from issuing the County's own solicitation to utilizing other existing state and/or local government contracts. The result of the analysis indicated the National Joint Powers Alliance (NJPA) contract was the most favorable to the County from a discount, local preference and rebate offered perspective. Based on that, the County awarded a contract for Office Supplies to Staples Contract and Commercial Incorporated utilizing the National Joint Powers Alliance (NJPA) contract during 2015 August award authority in the amount of \$850,000.

The NJPA contract was solicited and awarded for office supplies solely to Staples Contract and Commercial Incorporated for the period from August 1, 2015 through July 31, 2019 with an optional one (1) year renewal period. This item is requesting authorization to renew the contract with Staples (from August 1, 2016 to July 31, 2017) in the estimated amount of \$800,000. If the NJPA contract is not utilized, then County staff would either purchase office supplies through open market purchases or issue our own solicitation. Both of these options would lose the advantage of volume discounts achieved through this national cooperative contract. It is unlikely that supplies would be delivered next day, and the County might lose efficiency achieved through web-based ordering. The County would also not receive a rebate for supplies purchased.

This contract renewal requires action by the Finance/Government Operations and Economic Development Committee and Board of Supervisors as it exceeds the staff authority of \$500,000 in accordance with the Procurement Resolution. Sufficient funding for the first eleven months of the contract is available in the individual departments' FY 2017 operating budgets and funding for the last month of the contract would be subject to FY 2018 budget appropriations. Approval of this contract renewal does not commit the County to expend funds, it only establishes award authority.

Staff recommends that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to renew the Office Supplies and Office Paper Contract with Staples Contract and Commercial Incorporated in the estimated amount of \$800,000.

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Philip Butterfass, Finance and Procurement

8. *AWARD AUTHORITY INCREASE/Consultant Services for Transportation and Urban Planning (Action)

As of March 30, 2016, a total of \$3,357,890 has been obligated under this contract. The contract term ends on April 30, 2017 with up to two additional one year renewal periods. The additional funding award will be utilized to continue the previously identified efforts including plan reviews for the metro rail project and highway projects, cost estimating to support the capital improvement program and capital budget, model the transportation network, transit planning initiatives necessary to implement system changes to support the Silver Line Phase 1 and 2 project, and development of preliminary concept plans to advance transportation projects.

Work under this contract can be distributed to nine independent consulting firms. To date, staff has utilized the services of Kimley-Horn & Associates, Inc., Parsons Brinckerhoff, Inc., Rummel Klepper & Kahl, LLP, and Transystems Corporation.

Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to increase the award authority for the Consulting Services for Transportation and Urban Planning contract by \$1,500,000 making the new contract award authority \$4,870,000. The Capital Project Management Consulting Services account in the Capital Fund has a current balance totaling \$2,520,215.

Sufficient funding is currently available in the Capital Project Management Consulting Services account in the Capital Fund, to increase the award authority for the Consulting Services for Transportation and Urban Planning, Design and Engineering Services by \$1,500,000, for a new contract amount of \$4,870,000. The FY 2017 Adopted Fiscal Plan includes an additional \$1,000,000 in local tax funding to pay for consulting services such as this contract.

Election District: Countywide

Staff Contacts: Joe Kroboth, Transportation and Capital Infrastructure
Christopher Bresley, Finance and Procurement

9. *AWARD AUTHORITY INCREASE/Roadway and Civil Design Services for the Russell Branch Parkway (Action)

On April 4, 2008 Request for Proposals No. QQ-01413 was issued for Roadway and Civil Design Services for the Russell Branch Parkway. Twelve (12) proposals were received on May 22, 2008 and evaluated by a Proposal Analysis Group (PAG) composed of County and VDOT staff. Based on the evaluations of the proposals submitted, the PAG decided to interview two (2) firms and award the contract to Rinker Design Associates (RDA) in the estimated amount of \$339,110. Two change order were processed under staff authority for \$158,773 and \$1,475, increasing the contract amount to \$499,358. A subsequent design change for \$45,650 was issued for the design of a driveway and design of turn lanes for BF Saul and

the Community Church. An Award Authority Increase was taken to the Board for this change and approved on February 20, 2013 for a revised contract amount of \$545,008.

The construction of the Russell Branch Parkway began in April 2015 and is currently at 65% complete. As construction began, additional construction administration services were necessary by RDA that were not originally included in their scope of work. The increase in Award Authority is required for those services to be provided to fully deliver the project through construction and the street acceptance process with the Virginia Department of Transportation (VDOT).

Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to award the award authority increase for the Roadway and Civil Design Services for the Russell Branch Parkway contract award to Rinker Design Associates, PC By \$123,045 for a new estimate amount of \$668,053. Staff further recommends that the FGOEDC recommend to the Board that staff be authorized to execute a budget adjustment to transfer \$400,000 from the Capital Improvement Program Contingency to the Russell Branch Parkway capital project account for the above stated purpose.

Election District: Broad Run

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Melissa Tello, Transportation & Capital Infrastructure
Mike Angel, Finance and Procurement

10. *FY 2016 Capital Improvement Program Amendment/Shaw Road (Action)

This item requests an amendment to the FY 2016 Capital Improvement Program (CIP) and budget to appropriate and transfer \$734,276.80 in cash proffers in the Public Facilities Fund to the Capital Fund to fund the design of drainage improvements and the widening of Shaw Road between the Sterling Technology property and the Dulles Electric Supply property. The portion of Shaw Road, between Sterling Technology Center Property and the Dulles Electric Supply Corporation property, in the area where this safety/drainage issue exists is only two-lanes.

The segments of Shaw Road both to the north and south of this area are constructed to reflect the road's ultimate condition, which is a four-lane undivided roadway, as specified in the Revised 2010 Countywide Transportation Plan. At the December 2nd, 2015 Board of Supervisors Business meeting, staff was directed to pursue the upgrading of the drainage system and to widen the section of two lane roadway to match the four lane section of Shaw Road to the north and south of the project area.

Staff recommends the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors amend the FY 2016 CIP and budget to appropriate and transfer \$734,276.80 in cash proffers in the Public Facilities Fund to the

Transportation District Fund and then to the Capital Fund to fund the Shaw Road drainage improvements and road widening.

Election District: Sterling

Staff Contacts: Peter Malgieri, Transportation and Capital Infrastructure
Daniel Csizmar, Transportation and Capital Infrastructure
Joe Kroboth, Transportation and Capital Infrastructure

11. CONTRACT AWARD/Architectural and Engineering Services for the Hal and Berni Hanson Regional Park (Action)

The purpose of this item is to award a contract for the design of the Hal and Berni Hanson Regional Park.

The Hal and Berni Hanson Regional Park facility will be located in Arcola, Virginia on the parcel that contains approximately 257 acres and is planned to consist of 17 athletic fields with lighting, over 75 acres of passive recreational space, a nature center building, a lodge building, a park office building, maintenance facilities, picnic shelters, renovation of a historical building (Hanson House), restrooms with concessions, handicapped accessible playground, and associated parking.

Staff recommends that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to award a contract for Architectural and Engineering Services for the Hal and Berni Hanson Regional Park to Lose & Associates, Inc., in the total estimated amount of \$4,919,608. Staff also recommends that the FY 2016 Capital Improvement Program (CIP) and budget be amended to appropriate \$2,025,000 from the Braddock Crossing rezoning application in the Public Facilities Fund and transfer that amount to the Capital Fund for the design contract award.

The current budget for the Hal and Berni Hanson Regional Park totals \$3,940,317. The remaining unspent, unencumbered balance in the project totals \$2,894,909. In order to award the design contract for the regional park, staff needs to amend the FY 2016 CIP and budget to appropriate at least \$2,024,699 in cash proffers to provide sufficient funding for the design of the project. Construction funding is planned in FY 2017 using cash proffers and general obligation bond financing in the CIP.

Election District: Countywide

Staff Contacts: Joe Kroboth, Transportation & Capital Infrastructure
Mark Hoffman, Transportation & Capital Infrastructure
Christopher Bresley, Finance and Procurement

12. Quarterly Report/Upcoming Contracts – 4th Quarter, FY 2016 (Action)

Since 2009, staff has provided a report of upcoming projects to the Finance/Government Operations and Economic Development Committee (FGOEDC) on a quarterly basis at the

Committee's request. This report provides information on projects that exceed \$1 million and/or contracts that affect service delivery and would require future action by the FGOEDC and the Board of Supervisors (Board). This item is intended to provide advance notice of these major items to the Committee members and an opportunity to ask questions of staff and request specific information that they would like to see in the future action items. This item provides information on contracts that will require action by the FGOEDC during the fourth quarter of FY 2016 and information on contracts that are expected to require action by the FGOEDC during the first quarter of FY 2017. These items will subsequently be forwarded to the full Board for final action.

Election District: Countywide

Staff Contacts: Cheryl Middleton, Finance and Procurement
John Sandy, County Administration

13. Quarterly Report/Capital Improvement Projects – 3rd Quarter, FY 2016 (Action)

The Finance/Government Operations and Economic Development Committee has requested a quarterly update on key capital improvement projects which reports on the progress of various stages of pre-design, design, land acquisition and construction. This information item presents a quarterly report for the third quarter of FY 2016 and covers the months of January, February and March 2016.

Election District: Countywide

Staff Contacts: Joe Kroboth, Transportation and Capital Infrastructure
Mark Hoffman, Transportation and Capital Infrastructure
Melissa Tello, Transportation and Capital Infrastructure

14. Public Safety Technology System (PSTS) Project Update (Information)

Loudoun County began implementation of a new Computer Aided Dispatch (CAD) system in July 2014 as part of a larger Public Safety Technology System (PSTS) replacement and upgrade initiative. The County's existing CAD system lacks efficiency and modern capabilities in handling today's nomadic emergency calling environment, and its' replacement presented the County with an opportunity to bring additional applications and emergency response capabilities to better serve the residents and visitors of Loudoun County through the PSTS initiative. Staff will provide a report to the Board with updated information regarding the status of this project.

Election District: Countywide

Staff Contacts: Wendy Wickens, Information Technology
Sheriff Michael Chapman, Sheriff's Office
Chief Keith Brower, Department of Fire, Rescue and Emergency Management

15. Bond Disclosure and Continuing Disclosure Policy (Action)

The purpose of this item is to establish policies and procedures for compliance with disclosure and continuing disclosure requirements in connection with County bond issuances. Each time the County seeks to sell bonds, certain disclosure documents, including a Preliminary Official Statement (POS), an Official Statement (OS) and a credit presentation are prepared. The POS is provided so potential investors have the necessary information to decide whether or not to purchase the County's bonds. The OS is the final document containing additional information on the securities to be sold including the offering price, interest rates, bond ratings and other terms of the bonds. The POS and OS include the County's "official" statements about its financial condition, the bonds, the projects to be financed and the sources of repayment for the bonds. The credit presentation is prepared for the bond rating agencies; which also contains information about the County's financial and economic condition, the County's Capital Improvement Program and the projects to be financed with the bonds in order to receive a rating, which is also reported in the Official Statement.

Additionally, the County is required under U.S. Securities and Exchange Commission (SEC) Rule 15c2-12 under the Securities Exchange Act of 1934, as amended, to file certain annual financial information and material event notices with the Municipal Securities Rulemaking Board on an ongoing basis, by executing a Continuing Disclosure Agreement (CDA) with each bond issuance. This item outlines proposed policies for the county's disclosure and continuing disclosure policies for potential recommendation by the Finance/Government Operations and Economic Development Committee to the Board of Supervisors.

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

16. Advancement of Projects included in Fall General Obligation Referenda (Action)

During the budget process each year, the Board of Supervisors considers and approves various projects in the Capital Improvement Plan (CIP) which require the issuance of debt, local tax funding and other sources of financing. Within this funding plan are general government and school construction projects of which the Board desires to use general obligation (GO) bond proceeds to finance over the course of each project. General Obligation bonds are secured by the full faith and credit and taxing authority of the County, and require a voter referendum. Virginia Code § 15.2-2610 governs the request for, and ordering of, a referendum to gain voter approval to sell general obligation bonds through a special election. Current practice is to bring forward newly approved projects funded by GO bonds to referendum in November. However, with the adoption of the CIP, the appropriation for these projects begin on July 1st. The purpose of this item is to recommend projects advance to referendum prior to an appropriation.

This change of practice would bring FY 2018 projects currently planned in the CIP to referendum in November, 2016. The appropriation of these projects would begin in July, 2017

(FY 2018). By gaining voter approval prior to the appropriation, the use of GO funding will be pre-approved, and in the event a project does not receive voter approval, sufficient time will be available to consider alternate funding sources.

Staff recommends that the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors (Board) direct staff to advance the timeline for forwarding any proposed GO bond financed projects as part of the adopted Capital Improvement Program (CIP) to voter referendum. These projects would be targeted for voter referendum during the fiscal year prior to the fiscal year of the Boards' appropriation for each project as part of the Adopted CIP.

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

17. Resolutions Authorizing the Issuance and Sales of General Obligation Public Improvement Bonds, Lease Revenue Bonds, and Refunding Bonds (Action)

This provides the Finance/Government Operations and Economic Development Committee a series of resolutions authorizing the issuance and sales of General Obligation Public Improvement Bonds, Lease Revenue Bonds, and Refunding Bonds that relate to their appropriated capital improvement program projects.

The Board of Supervisors has appropriated funding in several adopted Capital Improvement Programs for school and general government construction projects. School projects include Moorefield Station Elementary School (ES-16), Cardinal Ridge Elementary School (ES-21), Trailside Middle School (MS-6), Riverside High School (HS-8), Loudoun Valley High School Renovations, Freedom High School Additions, Loudoun County High School Stadium Upgrades, Madison Trust Elementary School (ES-27), Brambleton Middle School (MS-9), Dulles North Area High School (HS-11), Academies of Loudoun, and Dulles North Area Elementary School (ES-31).

General government projects include Belmont Ridge Road Improvements, Sterling Community Center Renovations, Lucketts Fire Station Replacement, Dulles Multipurpose Center Phase 2, Fire and Rescue Apparatus, General Government Office Space property acquisition located at 101 Blue Seal Drive, Leesburg, Virginia, Courts Complex Phase 3, Youth Shelter Renovation, Round Hill Group Residence, and the Route 772 Metro Station Stormwater Management Facility.

Additionally, the Board of Supervisors has an opportunity to refund a series of general obligation bonds issued in 2007 and 2009 (Series 2007B and Series 2009A), as well as a series of bonds issued through the Virginia Resource Authority (2008 VRA) which will yield debt service savings to the County.

In monitoring the spending trends and complying with the adopted debt ratios, staff recommends that the County issue \$94,205,000 of general obligation bonds in new money and \$86,250,000 for the refunding of Series 2007B and 2009A bonds for a total issuance not to exceed \$180,455,000 in general obligation bonds; and \$14,500,000 of lease revenue bonds in new money and \$33,550,000 for the refunding of Series 2008 VRA bonds for a total of issuance not to exceed \$48,050,000 in lease revenue bonds through the Economic Development Authority. This item requests that the Finance/Government Operations and Economic Development Committee recommend that the Board of Supervisors grant the authority to staff to issue such bonds.

Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend that the Board of Supervisors adopt the Authorizing Resolution for the issuance of not more than \$180,455,000 of general obligation bonds; including \$94,205,000 in new money and refunding up to \$86,250,000 in previously issued general obligation bonds; and the Authorizing Resolution for the issuance of not more than \$48,050,000 in lease revenue bonds; including \$14,500,000 in new money and refunding up to \$33,550,000 in previously issued Virginia Resource Authority bonds through the Economic Development Authority.

Election District: Countywide

Staff Contacts: John Sandy, County Administration
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

Next Meeting: May 10, 2016

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Date of Meeting: April 12, 2016

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**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS
AND ECONOMIC DEVELOPMENT COMMITTEE
INFORMATION ITEM**

SUBJECT: Monthly Department of Economic Development Report

ELECTION DISTRICT: Countywide

STAFF CONTACT: Buddy Rizer, Executive Director, Economic Development

PURPOSE: The purpose of this item is for the Department of Economic Development (DED) to report on leading economic indicators, key performance indicators, and DED initiatives.

BACKGROUND: Each month, DED submits a report which shows leading economic indicators and key performance indicators. At the Finance/Government Operations and Economic Development Committee meeting, staff will provide a verbal briefing of DED activities. Below are selected highlights.

DED continues to see significant growth in capital investment generated by announced wins, having already surpassed the amount in FY 15 by nearly \$1 billion dollars. DED is on track to meet FY 16 projections for jobs created and retained by announced wins. Recent wins include Sentry Control Systems, Hanley Energy and Hydro Systems. Reflecting our additional investment in digital media outreach, DED has also surpassed the total number of Facebook, Twitter and LinkedIn subscribers in FY 15.

The overall direct office vacancy rate in Loudoun County has decreased from 15.3% in the fourth quarter of 2014 to 14.5% in the fourth quarter of 2015. The office vacancy rate compares to an approximate 16.0% vacancy rate in Northern Virginia during the same time period. Loudoun continues to have a very healthy flex, industrial and retail market, with 2015 fourth quarter vacancy rates of 9.2%, 6.2% and 4.0% respectively. These vacancy rates are below the rates in the Washington D.C. Metropolitan Statistical Area. Despite the oversupply of retail in some Loudoun submarkets, the continued population and business growth is contributing to the overall low vacancy rate. Year-over-year hotel revenue has also increased, and is reflected in increased revenues from Transient Occupancy Taxes.

DED has been active in cluster building. Several highlights include hosting delegations from Spain and China and sponsoring and co-hosting "Export University" on March 29th. Executive Director Buddy Rizer was a featured speaker at the Irish Embassy speaking on data security. DED participated in several Loudoun County Chamber events, including "A

Center for IT Innovation” and a “Rural Economic Development” panel with Virginia Secretary of Agriculture Todd Haymore. DED participated in the regional “Forum for Rural Innovation” and attended the annual “Healthcare Information Management Systems” conference. Executive Director Buddy Rizer was also a featured speaker at the “Foreign Direct Investment Training Seminar.”

ISSUES: There are no issues associated with this Information Item.

FISCAL IMPACT: There is no fiscal impact associated with this Information Item.

ATTACHMENT:

1. February FY 2016 Monthly Statistical Report

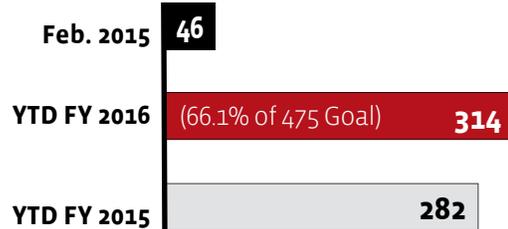


Investment

FY16 Wins	49
Estimated Investment by Wins	\$2.07 B
Jobs Created/Retained by Wins	2,017



Visits to Existing Businesses

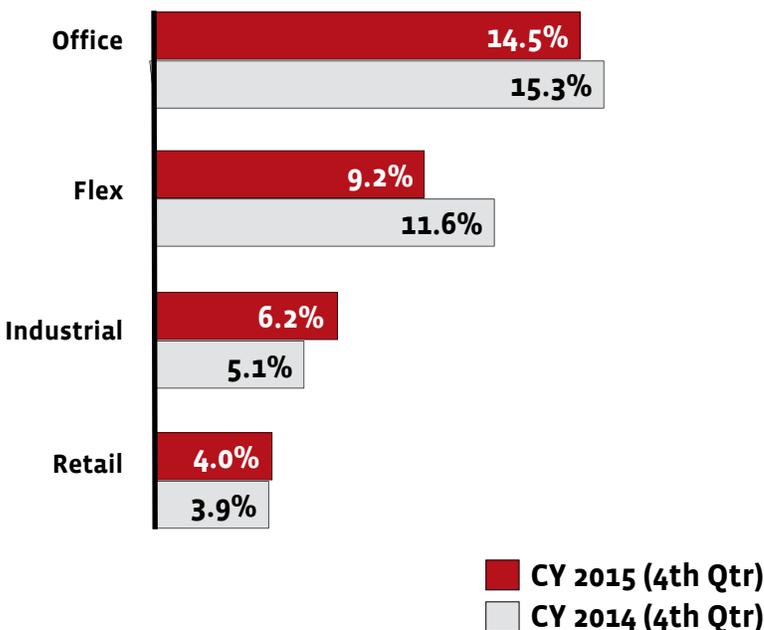


Internet Activity

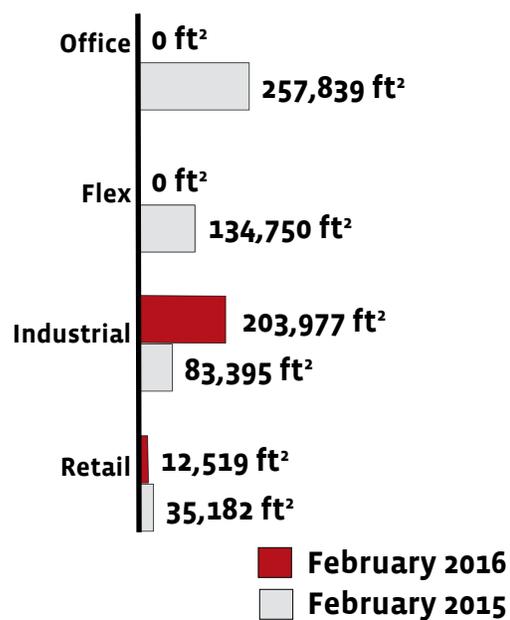
Website Visits FY16 (DED)	26,724	DED Facebook Subscribers	7,602
FY16 Goal	37,000	Loudoun Farms Facebook Subscribers	10,201
FY16 Goal Attainment	72.2%	DED Twitter Followers	4,793
Website Visits FY16 (Loudoun Farms)	37,594	Loudoun Farms Twitter Followers	2,995
FY16 Goal	50,000	Loudoun Small Biz Twitter Followers	2,703
FY16 Goal Attainment	75.2%	DED LinkedIn Subscribers	755



Commercial Vacancy Rates



Commercial Building Permits



Source: Costar; Loudoun County Dept. Bldg. and Dev.



Hotel Revenue



Source: Visit Loudoun



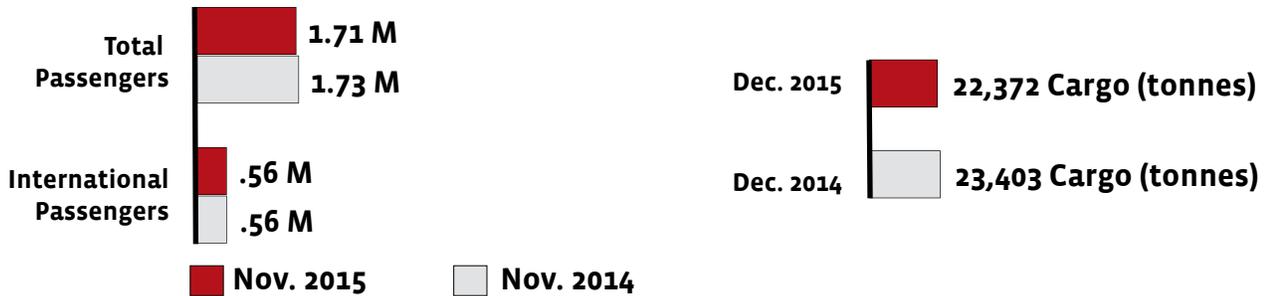
Retail Sales



Source: Virginia Dept. Taxation



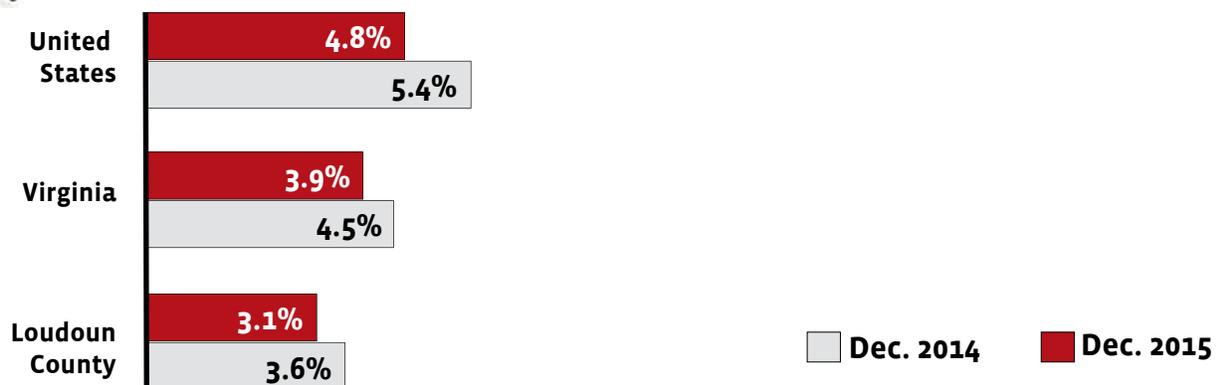
Dulles International Airport



Source: Metropolitan Washington Airports Authority



Unemployment Rates



Source: Virginia Employment Commission

Date of Meeting: April 12, 2016

2

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
INFORMATION ITEM**

SUBJECT: Economic Development Advisory Commission (EDAC)

ELECTION DISTRICT: Countywide

STAFF CONTACT: Buddy Rizer, Director, Economic Development

EDAC CONTACTS: Sharon Virts, Chair, EDAC
Todd Pearson, Vice-Chair, EDAC

PURPOSE: Sharon Virts, EDAC Chair and Todd Pearson, EDAC Vice-Chair will update the Finance/Government Operations and Economic Development Committee on EDAC initiatives.

BACKGROUND: At the April 12, 2016 meeting, Sharon Virts and Todd Pearson will be present to report on the work of the EDAC and its Ad-Hoc Committees.

ISSUES: There are no issues associated with this Information Item.

FISCAL IMPACT: There is no fiscal impact associated with this Information Item.

ATTACHMENT:

1. Economic Development Advisory Committee Report, March 29, 2016

LOUDOUN COUNTY
ECONOMIC DEVELOPMENT
ADVISORY COMMISSION

MEMORANDUM

Date: March 29, 2016
To: Finance/Government Operations and Economic Development Committee, Loudoun County Board of Supervisors
From: Sharon Virts and Todd Pearson, EDAC
Subject: Report of Activities

This memorandum summarizes the EDAC activities for March 2016.

Current Ad-Hoc Committees

Night-time Economy (NEAC Co-Chairs – Todd Pearson and Tony Howard) - The Nighttime Economy Ad-Hoc Committee held its public meeting on March 14. The event was very well-attended, with over 75 community members, several county staff and supervisors. We received great feedback from the community. We closed our public comment and survey period on March 25. The survey we conducted was well-received by the community, with 1,145 responses provided. In April, the committee will take the information from the public and make adjustments to our draft recommendations. We plan to report to the full EDAC body in at the May meeting of the full commission, and then present to the Finance/Government Operations Committee in June if the schedule permits. Media coverage on our NEAC efforts continue to be high. There have been several articles in Loudoun Now and the Washington Post covering the public meeting and our progress. In addition, the NEAC's work will be highlighted on the NAIOP bus tour.

Foreign Direct Investment (Chair – Keith Segerson) - The FDI Ad-Hoc Committee focused its discussions this month on defining the project timeline, objectives and milestones. Specific objectives identified by the committee include researching and determining a recommended legal structure of the public-private partnership; determining recommended mission, duties, expectations, goals/responsibilities and operations overview of the public-private partnership; determining funding, and determining a recommended reporting structure. The committee set a timeline for completing its work by the end of June 2016.

page 1 of 2

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biz.loudoun.gov/EDAC

ATTACHMENT 1

**LOUDOUN COUNTY
ECONOMIC DEVELOPMENT
ADVISORY COMMISSION**

Partner Engagement

EDAC held its quarterly partners meeting on March 18. Attendees at the first quarterly meeting included the Department of Economic Development, the Mason Enterprise Center, the Town of Leesburg, the Chamber of Commerce, and the Rural Economic Development Council.

EDAC Activity Summary

In our March meeting of the full commission, EDAC focused on small business in Loudoun County with presentations and discussion regarding the importance of small business to our economy and our future growth. Commission members were asked to actively engage in assisting and developing the small business community in Loudoun. Our May meeting will focus on the results and recommendations of the NEAC. EDAC continues to evaluate initiatives to review that will have the greatest impact on economic growth in Loudoun. Transportation and housing diversity continues to top our list. Outcomes of the NEAC will also impact our agenda for this year.

page 2 of 2

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Date of Meeting: April 12, 2016

3

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
INFORMATION ITEM**

SUBJECT: Visit Loudoun Update

ELECTION DISTRICT: Countywide

STAFF CONTACT: Julie Grandfield, Assistant County Administrator

VISIT LOUDOUN CONTACTS: Beth Erickson, President and CEO, Visit Loudoun
Jackie Saunders, Vice-President of Marketing
Greg Harp, Director of Finance and Administration

PURPOSE: This item will provide an overview of Visit Loudoun's current Strategic Plan, their recent initiatives and their upcoming large-scale events.

BACKGROUND: The Memorandum of Understanding between the County and Visit Loudoun requires that Visit Loudoun provide semi-annual updates to either the full Board of Supervisors or one of the Board's Standing Committees. At the April 12, 2016 Finance/Government Operations and Economic Development Committee meeting, Jackie Saunders, Vice-President of Marketing and Greg Harp, Director of Finance and Administration for Visit Loudoun will provide a brief presentation to the Committee and will address any questions the Committee may have. Beth Erickson, President and CEO of Visit Loudoun will be out of town on April 12, 2016.

The Loudoun Convention & Visitors Association (Visit Loudoun) is the official and accredited destination marketing organization for Loudoun County and its incorporated towns. As the primary programmatic arm for Loudoun's travel and tourism promotion, it leads the Loudoun tourism industry to work together to generate visitor spending by developing and implementing comprehensive destination management programs. It is a self-governing private not-for-profit corporation with a Board of Directors elected by dues paying members.

Visit Loudoun was established in 1995 as the Loudoun Tourism Council to support the preservation, utilization, and enhancement of Loudoun's unique historic, cultural, and natural tourism assets to ensure community well-being and sustainable economic returns including tax revenues, employment, business profitability, and return on investment. Today, Visit Loudoun has a signed Memorandum of Understanding with Loudoun County to perform core tourism services and to work with the industry to implement a county-wide Tourism Destination Strategy.

Visit Loudoun is primarily funded by Restricted Transient Occupancy Tax, a dedicated room tax collected by county accommodations that is required by state code to be reinvested in tourism promotion. It also receives funding from membership dues, participation fees for activities and by the towns of Middleburg and Leesburg. Visit Loudoun also receives cash and in-kind services from tourism businesses to host programs for the tourism industry and to host group travel decision makers. The public/private partnership for funding tourism promotion enables tourism to thrive in Loudoun County and its jurisdictions.

Visit Loudoun provides professional services to:

Visitors - As a marketing and sales organization, Visit Loudoun works to attract all types of visitors, increase the duration of their stay, maximize the economic impact from their spending, improve their overall experience, and impact their intent to return.

The Tourism Industry - As the industry leader, Visit Loudoun supports all tourism businesses from large hotels to small retail businesses and service providers with sales, marketing, and service opportunities. It keeps the industry abreast of industry trends, market research, and local and regional issues and opportunities.

The Community - As a community steward, Visit Loudoun works to generate tax revenues and enhance the quality of life for the entire community. It attracts visitors who spend their time and money here but do not require schools and other public services.

Policy Makers - As the industry advocate, Visit Loudoun offers policy makers tourism industry expertise and perspective, and communicates the industry's needs in terms of tourism development and sustainability.

Beth Erickson will be out of town on April 12th. Jackie Saunders, Vice-President of Marketing and Greg Harp, Director of Finance and Administration with Visit Loudoun will be providing the Committee with an overview of statistics and Visit Loudoun's current initiatives at the Committee meeting. A copy of their PowerPoint presentation is attached.

ATTACHMENT 1: Visit Loudoun PowerPoint Presentation



Finance/Government Operations and Economic Development Committee

April 12, 2016

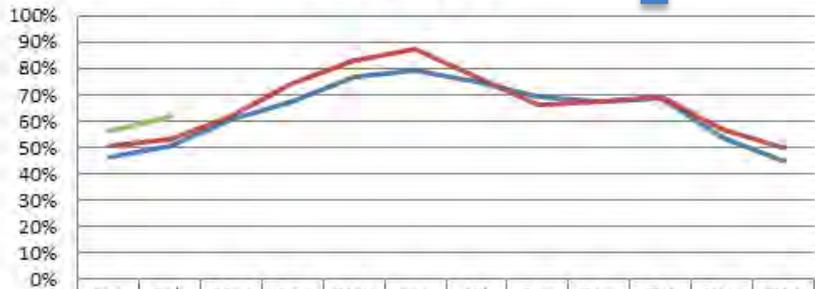
VisitLoudoun.org

Attachment 1

YTD Snapshot

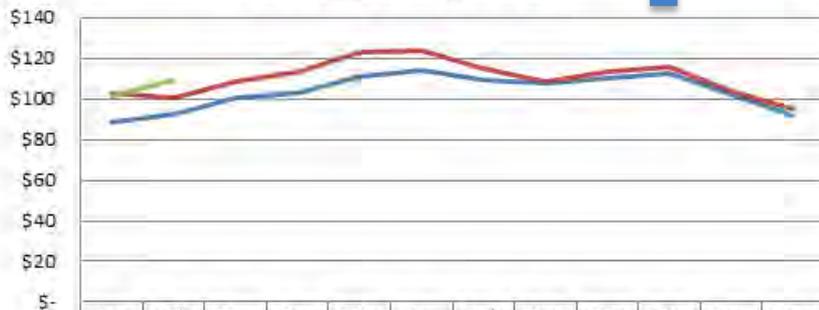
Occupancy

↑ 13.1%



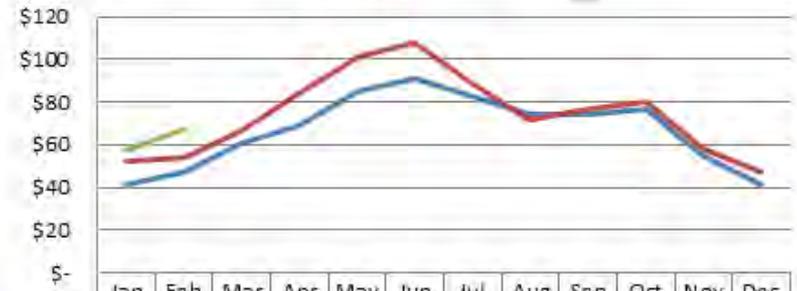
Average Daily Rate

↑ 3.7%



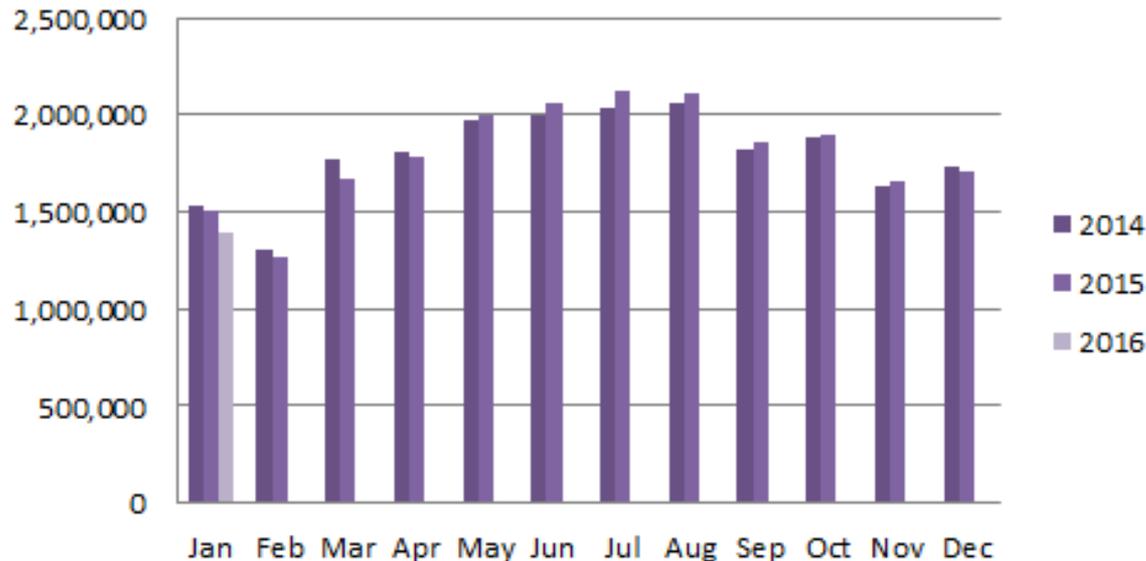
RevPar

↑ 17.2%



Dulles Airport Passenger Traffic

IAD Passenger Traffic



1,397,269 passengers passed through the gates of Dulles in January 2016, a decrease of 7% from January 2015. This decrease could be due to Winter Storm Jonas that caused flight cancellation and delays to and from Dulles Airport from January 21-23.

New Visitor Center



Economic Development Update

- Bechtel: 5/18/15
 - 1,251 room nights
 - 3 hotels
 - \$89,936 in revenue
 - \$4,500 in TOT
 - Engagement throughout the county
- Bechtel: 4/12/16
 - 11,882 room nights
 - 20 hotels
 - \$854,197 in revenue
 - \$42,710 in TOT
 - Engagement throughout the county

Strategic Plan Update

- Visit Loudoun engaged DMOProz to update 3-year strategic plan.
- Through direct interviews, focus groups and surveys, more than 300 partners involved.
- Plan adoption in June; implementation FY17-FY19

Key Take-a-ways

1. Advocate for Destination Enhancing Development
2. Enhance the Destination Experience
3. Enhance Organizational Excellence

Next step: After Visit Loudoun board adoption, present complete plan to the Board of Supervisors.

Visit LOUDOUN



Core Initiative Updates

VisitLoudoun.org

Visit LOUDOUN

Weddings in Loudoun Tour Results *March 13, 2016*

VisitLoudoun.org

Loudoun Spring 2016 Wedding Tour Campaign

Tour Participants:

- 37 Partner Venues
- 25 Partner Vendors
- 15 New Partners
- 103 Attendee Registrations
- 226 Guests Touring

Marketing – Social and Digital

 Visit Loudoun
Sponsored · 🌐

It's your day, make it perfect in DC's Wine Country!



2016 Weddings in Loudoun Tour [Learn More](#)

Prizes at each venue

 Visit Loudoun
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Roses are red, violets are blue. Let us plan, a wedding for you!



ings in Loudoun Tour [Learn More](#)

Prizes at each venue

Facebook Ad Results:

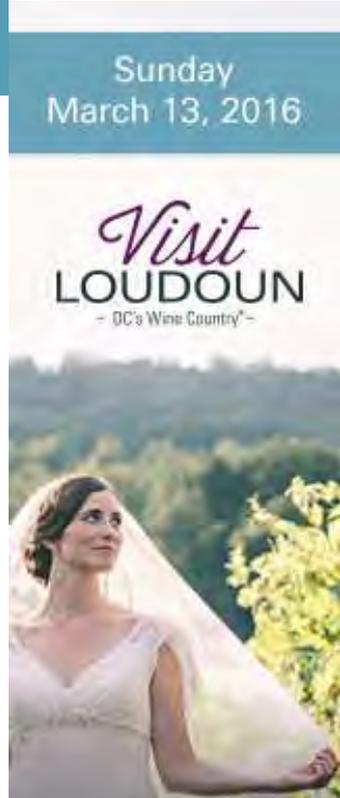
3,000+ CT's to the VL website

68,000+ reach

125,000+ impressions

Visit
LOUDOUN

Marketing – Social and Digital



Social Media



Fox Chase Farm, Middleburg, VA ✓

March 12 at 6:47pm · 🌐

We are set for our Visit Loudoun Wedding Tour tomorrow!! Visitors are welcome from 12 noon to 6pm. Vendors include: Artistic Concepts Group, Daisy Saulls Photography, Popcorn Monkey, Diamond Events, Rochelle Myers Catering, Harmon's Hayrides and Carriages, Wandas Cake Decorating! [#LoveLoudoun](#)



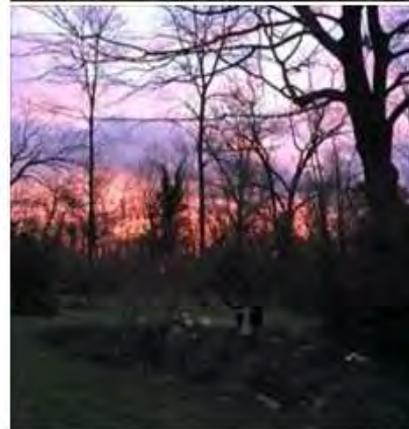
7 Likes



Fieldstone Farm Bed and Breakfast added 3 new photos.

March 12 at 3:17am · 🌐

Preparations are under way at our Inn for Sunday's Loudoun wedding and special venue tour [#loveloudoun](#)



16 Likes · 2 Comments

Attendee Survey Results

- Visited 4 venues on average (range between 2-7 venues)
- 45% already had a venue secured prior to the tour
 - 53% were planning on securing a venue as a result of the tour

FeBREWary Promotion

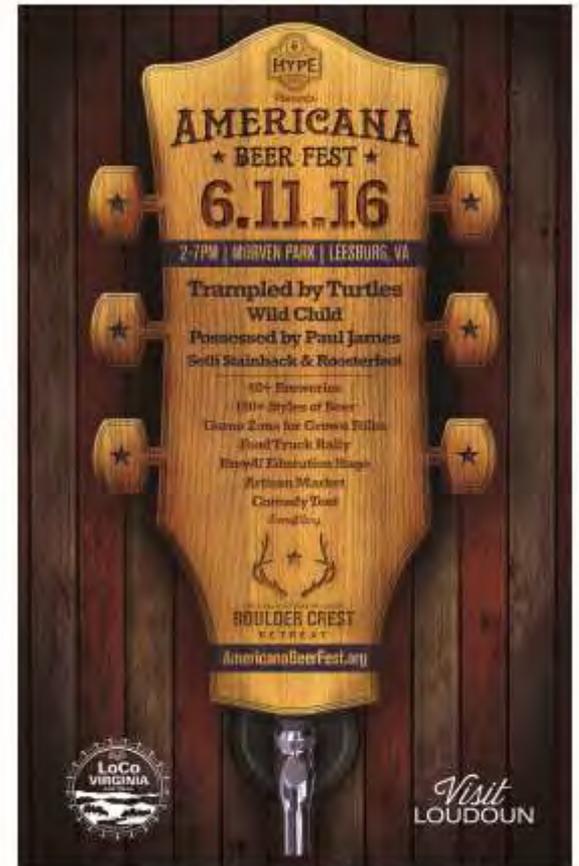
- Visit Loudoun was a presenting partner for DC 101 radio station's FeBREWary promotion
- *campaign reached over 450,000 adults between 18-49 at least 2 times each*
- *over 300,000 impressions on DC101.com and social media sites*
- *Ran over 635 (:15), (:30) and name mentions over the 5 week campaign*



Upcoming Events



Annual Meeting
May 3, 2016



July: “The Month of Softball”

- Softball Tournaments:
 - 11,200 room nights
 - 23 hotels
 - Est. \$1,220,800 in revenue
 - Est. \$61,040 in TOT
 - Engagement throughout the county



Strategic Partnerships



Your Journey Begins With Us.





Finance/Government Operations and Economic Development Committee

April 12, 2016

VisitLoudoun.org

Date of Meeting: April 12, 2016

#4

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **CONTRACT AWARD/Landfill Articulated Truck Purchase**

ELECTION DISTRICT: Catoctin

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: Ernest Brown, General Services
Michael Fairbanks, General Services
Andy Bollinger, General Services
Phil Butterfass, Finance and Procurement

PURPOSE: To purchase one (1) Articulated Dump Truck for the Loudoun County Solid Waste Management Facility (LCSWMF).

RECOMMENDATION: Staff recommends the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to purchase an articulated dump truck for the LCSWMF from Caterpillar Inc., in the estimated amount of \$689,887.

BACKGROUND: The LCSWMF requests authorization to purchase an articulated dump truck. The vehicle identified for purchase is a Caterpillar 745C Articulated Dump Truck, which is an off-road articulated truck that will be used at the facility to haul cover soil, vegetative waste, rubble and crushed stone. The articulated dump truck is a replacement of an existing machine. The LCSWMF will purchase the equipment through the use of a cooperative contract with the National Joint Powers Alliance (NJPA), of which Loudoun County is a member. The NJPA is a governmental agency operating under the enabling authority outlined in Minnesota Statute 123A.21. This statute was created in 1978 and revised in 1995 to allow participating government and education agencies to reduce the cost of purchased equipment and products by leveraging their combined national purchasing power. The NJPA establishes and provides nationally leveraged and competitively solicited purchasing contracts. Members can purchase through NJPA contracts without duplicating their own competitive bidding process and requirements. The result of this cooperative effort is a variety of nationwide, high-volume, cost-effective competitively bid contract solutions and services.

ISSUES: The existing landfill equipment is scheduled for replacement due to use, age and cost of increased maintenance and repair and further erosion of trade value. Caterpillar Inc. is offering trade-in credit in the amount of \$45,000 for a 2004 John Deere 350D SN articulated dump truck with 9,785 hours. The trade value is fair, given the machine is in very poor condition, and has high hours. A surplus sale of the machine would likely net much less. To manage the current waste tonnage volume at the LCSWMF, replacement of this piece of equipment is recommended. The Caterpillar 745C Articulated Dump Truck, the replacement vehicle, is of similar size to the 2004 John Deere 350D SN articulated dump truck with increased capacity.

FISCAL IMPACT: The total purchase price of the requested equipment is \$689,887. Landfill revenues have been placed in the fleet replacement fund for the replacement unit. This purchase is fully funded by landfill fee revenue; no debt service expense will be incurred and no local tax funding is required. This amount of landfill fee revenue used for this purpose is in excess of the amount of fee revenue necessary to offset existing debt service for FY 2016 for the LCSWMF.

ALTERNATIVES:

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to purchase an articulated dump truck for the Loudoun County Solid Waste Management Facility from Caterpillar Inc. in the estimated amount of \$689,887.
2. Do not recommend award of contract and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to purchase an articulated dump truck for the Loudoun County Solid Waste Management Facility from Caterpillar Inc. in the estimated amount of \$689,887.

OR

2. I move an alternate motion.

Date of Meeting: April 12, 2016

5

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **CONTRACT AWARD/Construction of Traffic Signals at Belmont Ridge Road and Croson Lane Intersection and Tall Cedars Parkway and Poland Road Intersection**

ELECTION DISTRICT: Dulles, Blue Ridge, Broad Run

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: Joe Kroboth, Transportation and Capital Infrastructure
Melissa Tello, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

PURPOSE: To award a contract for the Construction of Traffic Signals at Belmont Ridge Road and Croson Lane intersection and Tall Cedars Parkway and Poland Road intersection

RECOMMENDATION: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to award the contract for the Construction of Traffic Signals at Belmont Ridge Road and Croson Lane intersection and Tall Cedars Parkway and Poland Road intersection to Ardent Company, LLC in the amount of \$655,500. Staff further recommends the FGOEDC recommend that the Board amend the FY 2016 Capital Improvement Program (CIP) and budget by appropriating \$65,000 in cash proffers from ZMAP 2005-0003, Sequence Number 99066970 in the Public Facilities Fund and transfer that amount through the Transportation District Fund to the Capital Fund to fund the construction of a traffic signal at the intersection of Tall Cedars Parkway and Poland Road.

BACKGROUND: The design of the Traffic Signal at Belmont Ridge Road and Croson Lane intersection began in October 2014 with the design of the larger Belmont Ridge Road (Truro Parish to Croson Lane) roadway design project. The signal plan was approved by the Virginia Department of Transportation (VDOT) in August 2015 following the completion of 30% design for the roadway project. No easements or Right of Way (ROW) acquisition were required for the signal. The design incorporated both the existing and proposed intersection layouts so that only modifications to the signal heads will be required when the road widening is complete.

In February 2010, a Warrant Study was performed for the Tall Cedars Parkway and Poland Road intersection by Atapco and, in March 2010, an all-way stop configuration was installed by VDOT for this intersection. In October 2012, the Board of Supervisors approved funding for the engineering design and construction of a traffic signal. Signal design commenced in November 2012 with signal plan approval from VDOT in February 2014. The Construction Plans and Profiles (CPAP) for the project were approved by the Department of Building & Development (B&D) in April 2014. Final plats for required easements including coordination of a replacement for an open space easement were submitted to B&D in April 2014 and approved by the property owners in August – September 2015 following negotiations. The signal plan was re-approved in May 2015 and has been submitted for re-approval for construction.

In Fall 2015 and based on the approval of both traffic signal designs, staff began the development of the Invitation for Bid (IFB) to group the two signals together. The IFB was issued on February 4, 2016. On March 8, 2016, staff received bids for Construction of Traffic Signals at Belmont Ridge Road and Croson Lane intersection and Tall Cedars Parkway and Poland Road intersection. Two (2) lump sum bids were received as follows:

1. Ardent Company, LLC in the amount of \$655,500
2. B&B Signal Company, LCC in the amount of \$836,834

The scope of work includes the construction and installation of traffic signals, pavement markings, signage, and pedestrian facilities at two (2) intersections in Loudoun County: Signal #1 at Belmont Ridge Road (Route 659) and Croson Lane (Route 645); and Signal #2 at Tall Cedars Parkway (Route 2200) and Poland Road (Route 742). Both signals and associated improvements are per the approved plans and per Virginia Department of Transportation (VDOT) standards. Upon completion, the signals will be accepted by VDOT and incorporated into the VDOT maintained system.

Ardent Company, LLC is the low bidder for the contract with a total lump sum amount of \$655,500: \$180,974.43 for the Belmont Ridge Road and Croson Lane Traffic Signal; and \$474,525.57 for the Tall Cedars Parkway and Poland Road Traffic Signal.

ISSUES: The Belmont Ridge Road and Croson Lane Traffic Signal project has been merged with the Belmont Ridge Road (Truro Parish to Croson Lane) project in the Capital Fund. Therefore, all project related costs for the installation of the traffic signal at this intersection will be incurred in the Belmont Ridge Road (Truro Parish to Croson Lane) project. The signal construction has been accelerated in the overall project's delivery timeline.

A new section of Tall Cedars Parkway extending from Planting Field Drive to Route 50 was constructed and opened for public use in 2009. Between September 29, 2009 and January 27, 2010, a total of 11 angle accidents were reported at the intersection of Tall Cedars Parkway and

Poland Road. Given the traffic patterns in the area, crash data, and impending growth of traffic volumes in the Tall Cedars Parkway corridor, the signal is required.

The lowest bid for the Tall Cedars Parkway and Poland Road Traffic Signal was higher than original estimates for the project. When factoring in contingency and third party costs the total estimated amount is \$598,525. Staff researched available cash proffers for supplemental funding and identified ZMAP 2005-0003, Sequence Number 99066970 as a potential funding source. On March 23, 2016, a determination (ZCOR-2016-0037) was issued that the use of proffers funds from ZMAP 2005-0003, Sequence Number 99066970 to fund the construction of a traffic signal at the intersection of Tall Cedars Parkway and Poland Road was appropriate (Attachment 1).

While issued under one contract, the two signals will be managed within their respective projects from an administrative and cost standpoint. The signals will be constructed concurrently and the contract duration is planned for 180 days. The signals are planned to be operational by the end of 2016.

Traffic Signal Project Process and Schedule: Traffic signal projects may seem to be a small small scope projects which should be completed in a relatively short timeframe. However, the process to complete studies, establish a funding source, prepare a design for regulatory agency review/approval, acquire right of way and construct can be lengthy. Attachment 1 provides a summary of the process for completion of a traffic signal project.

FISCAL IMPACT: Sufficient funding exists in the Belmont Ridge Road (Truro Parish to Croson Lane) project in the Capital Fund to award the construction contract. The Tall Cedars Parkway and Poland Road Intersection project needs additional funding to award the construction contract due to bids coming in higher than originally estimated. The identified \$65,000 in cash proffers will eliminate the funding deficit.

The current total project budgets and available balances after factoring in current project expenditures and encumbrances are outlined in the tables below. As shown in the tables below, the current available balance for the Belmont Ridge Road (Truro Parish to Croson Lane) project is \$20,761,324 (Table 1) and the available balance for the Tall Cedars Parkway and Poland Road Intersection project is \$537,480 (Table 2). Table 3 shows what the budget and available balance of the Tall Cedars and Poland Road Intersection project would be if the proposed supplemental proffer funding is approved.

After the award of the construction contract for signal installation, and if the cash proffer from ZMAP 2005-0003, Sequence Number 9906970 is transferred to the Tall Cedars Parkway and Poland Road Intersection project, then approximately \$20,580,350 will remain in the Belmont Ridge Road (Truro Parish to Croson Lane) project and \$4,225 will remain in the Tall Cedars Parkway and Poland Road Intersection project.

Table 1. Belmont Ridge Road (Truro Parish to Croson Lane)

Funding Source	Appropriation	Expenditures / Encumbrance	Remaining Balance
Local Tax Funding	\$1,000,000	\$1,000,000	\$0
Cash Proffers	\$1,283,000	\$21,676	\$1,261,324
NVTA 70% Regional	\$19,500,000	\$0	\$19,500,000
Debt	\$1,080,000	\$1,080,000	\$0
Total	\$22,863,000	\$2,101,676	\$20,761,324

Table 2. Tall Cedars Parkway and Poland Road Intersection

Funding Source	Appropriation	Expenditures / Encumbrance	Remaining Balance
Cash Proffers	\$625,000	\$87,520	\$537,480
Total	\$625,000	\$87,520	\$537,480

Table 3. Tall Cedars Parkway and Poland Road Intersection with Proposed Additional Proffer Funding

Funding Source	Appropriation	Expenditures / Encumbrance	Remaining Balance
Cash Proffers	\$690,000	\$87,520	\$602,750
Total	\$690,000	\$87,520	\$602,750

Currently, ZMAP 2005-0003, Sequence Number 99066970 (cash proffer) contains a balance of \$98,606.20. If the FGOEDC recommends and the Board approves the recommended use of this cash proffer to supplement the funding for the Intersection, an available balance of \$33,606.20 will remain in ZMAP 2005-0003, Sequence Number 99066970.

Table 4. Staff Recommended Supplemental Funding for Tall Cedars Parkway and Poland Road Intersection

Transportation Cash Proffer	Available Balance	Amount Requested to be Utilized	Remaining Balance
East Gate Three Proffer ZMAP 2005-003; Sequence #99066970	\$98,606.20	\$65,000	\$33,606.20
Total	\$98,606.20	\$65,000	\$33,606.20

ALTERNATIVES:

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to award the contract for Construction of Traffic Signals at Belmont Ridge Road and Croson Lane intersection and Tall Cedars Parkway and Poland Road intersection to Ardent Company, LLC in the total estimated amount of \$655,500.
2. Do not recommend the award authority and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to award the contract for Construction of Traffic Signals at Belmont Ridge Road and Croson Lane intersection and Tall Cedars Parkway and Poland Road intersection to Ardent Company, LLC for a total estimated amount of \$655,500. I further move that the FGOEDC recommend the Board of Supervisors amend the FY 2016 Capital Improvement Program and budget and direct staff to execute a budget adjustment appropriating \$65,000 in cash proffers from ZMAP 2005-0003, Sequence Number 99066970 in the Public Facilities Fund and transfer that amount through the Transportation District Fund to the Capital Fund to fund construction of a traffic signal at the intersection of Tall Cedars Parkway and Poland Road.

OR

2. I move and alternate motion.

ATTACHMENTS:

1. FGOEDC Item 05 Traffic Signal Process Attachment 1

Traffic Signal Process

Normal and Customary Timeframe to Complete a Traffic Signal Project: Traffic signal projects are typically initiated by a District Supervisor proposing a Board Member Initiative (BMI) to direct staff to evaluate traffic operations at a particular location based on citizen complaints, high accident occurrence rates or other means. The BMI typically directs staff to seek out the funding source to complete various studies and engineering design, plats and deeds. In some instances, the Board Member or their aide assemble a meeting with County staff and VDOT to define the problem and discuss potential solutions.

The first step in the process is to complete a traffic signal warrant analysis. This analysis is defined by Federal Highway Administration (FHWA) and VDOT criteria. Upon receiving the Board's direction, Staff from the Department of Transportation and Capital Infrastructure (DTCI) develop a general scope of services and contacts one of the various on-call task order consultants to discuss the project. From the initial meeting the consultant develops a scope of services to complete the Board's direction. Often, this time period includes meetings with the District Supervisor and other entities such as the Sheriff's Office and VDOT to fully understand the perceived need and concern. Following agreement on the scope, the Consultant prepares a written price proposal consistent with the on-call contract. The timeframe to complete this portion of the work can be between two to four weeks, depending on the number of times staff needs to review and revise the proposal to accurately reflect the needed scope.

Concurrent with the proposal development, staff is researching the potential funding sources for the project. Often times, proffers are found that may qualify for use on the project, however, a determination from the Zoning Administrator is necessary before DTCI staff can propose the funding for the project. If a zoning determination is needed, a request is drafted and sent to the Zoning Administrator to render an opinion. There is a 30 day appeal period for proffer determinations that must elapse before the funds can be spent. On other occasions, it will be necessary to prepare a budget adjustment to move funding from one project to another. This requires coordination between the project manager, capital budget staff and staff from the Department of Management and Budget. In some special cases using proffers, it may be necessary to seek approval for the alternate use of cash proffer payments. If this is necessary, an advisory memorandum must be requested and obtained from Zoning Administration, and the matter must be considered at a Board of Supervisors public hearing; the process also requires written notification be issued to the party to pay the proffer contribution 30 days before the funds are spent. Depending on the source of funding proposed, and if a zoning determination is needed or not, resolving the funding source for the project could add an additional two to three months to this phase of the project.

Following agreement on the project scope and price; Staff prepares the staff report blurb, full staff report and attachments for presentation to the Finance, Government Operations and Economic Development Committee (FGOEDC). The staff report summarizes the background regarding the project initiation, summarizes the proposed funding sources, and seeks authorization from the Board for the recommended funding source. The time necessary to schedule a staff report item on the agenda, complete the draft, coordinate with County Administration to review comments and revise the draft to a final document. Following a favorable approval from the FGOEDC, staff revises the document to reflect the change in meeting type and resubmits the item for review by County

Administration for inclusion on a subsequent Board Business meeting. This portion of the process can take one to two months.

Upon final approval by the Board, staff processes a purchase order through the Procurement Office for the consultant to complete the traffic signal warrant analysis. Following receipt of the purchase order, a kick-off meeting is held with the consultant, DTCI and VDOT staff and other interested parties, including District Supervisors. Following this meeting, the consultant initiates the study process to prepare a Traffic Signal Warrant Analysis. This process includes the collection of traffic count data, researching the intersection accident history, and compilation of the data. The data is then reviewed and analyzed for the FHWA and VDOT required warrants. VDOT also requires each intersection to be evaluated for installation of a roundabout configuration before authorization to proceed with the traffic signal design is approved. A report is then prepared and sent to the DTCI project manager and VDOT for review and approval. This portion of the process typically takes three to five months, which includes the VDOT review, comment and approval process (and it is dependent on the quality of the report and complexity of the intersection under analysis).

Upon VDOT granting approval of the traffic signal warrant analysis, the consultant proceeds with the signal design. Designs must be completed in accordance with the VDOT procedures and format. The consultant conducts surveys, prepares the engineering plans, and coordinates with utilities to determine if any conflicts exist or will be created by the signal installation. Once the traffic signal plan is approved by VDOT, the plan is valid for a period of one-year. Projects which do not advance to construction within the one-year period must be resubmitted to VDOT prior to advertisement for construction bids to ensure the plan reflects the most up to-date signal standards. The resubmission of a traffic signal plan and subsequent VDOT approval may take one to two months to complete. Land and right-of-way boundaries are established to determine if additional easements or right-of-way is needed to install the traffic signal and its cabinet. A typical timeframe to prepare a traffic signal design and obtain VDOT's approval is four to six months (the turnaround time for VDOT to review signal plan is 45-60 days, which typically requires two plan submittals to achieve plan approval). If turn lanes must be constructed with the signal and if additional right-of-way is needed more time is necessary to prepare survey plats and deeds, and have those documents reviewed and approved by Building and Development and County Attorney Office. The right-of-way plats are not prepared until after the traffic signal plan is approved. This step also requires the County Attorney's Office to order title work. Often times, VDOT will require the construction of turn lanes as part of a traffic signal project. Should this be the case, a construction plan and profile (CPAP) will also need to be prepared. Unlike the traffic signal plans, the CPAP will require both B&D and VDOT's review and approval (the turnaround time for CPAP review is 45-60 days, which typically requires 2 plan submittals to achieve plan approval). These requirements create greater right-of-way needs and increase the project design and construction costs. The consultant prepares an opinion of the costs to construct the project.

While the consultant is developing the design, staff from DTCI continues the search for land acquisition and construction funding based on cost estimates prepared during the design phase. As indicated previously, this effort can include an extensive administrative process to use proffers, flex proffers or move funds from one account to another. If construction funding is not previously approved as part of the capital budget, staff drafts another staff report and attachments for FGOEDC to consider. Following a favorable approval from the FGOEDC, staff revises the

document to reflect the change in meeting type and resubmits the item for review by County Administration for inclusion on a subsequent Board Business meeting. This portion of the process can take one to two months. If extensive land acquisition is necessary, just a few to several months could be added to the timeframe depending on the level of cooperation with the property owners. Typically land acquisition will add six to nine months for a signal project.

At this point in the process, the project is ready for the invitation for bids (IFB) and construction documents to be compiled for advertisement. Once bids are received, they are reviewed for accuracy and discrepancies. Assuming none are found, the project is scheduled for award by the full Board if the project cost exceeds the Procurement Agent's award authority. Preparing the IFB, legal review, advertisement, review of the bids and establishment of the recommended lowest responsible and responsive bid can typically take four to six months.

Upon award of the contract by the Purchasing Agent or full Board, a purchase order is issued to the successful vendor. Following the award, contracts are executed, pre-construction submittals are requested including a project schedule and a pre-construction conference is scheduled within 30 days following execution of the contract. The actual construction then commences and is completed. A typical traffic signal construction project, depending on the number of turn lanes also associated with the signal can take between six and nine months to complete. The construction timeframe for completion is also impacted by the complexity of the traffic signal design. When large mast arm poles or other unique design features exist, VDOT may take additional time to review the contractor's submittals. In total, depending on the various issues associated with the signal warrant study, design, land acquisition, and construction the entire process can take 24 to 45 months to complete.

Date of Meeting: April 12, 2016

6

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **CONTRACT AWARD/Design Build Delivery of the
Route 772 Transit Connector Bridge**

ELECTION DISTRICT: Broad Run

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: Joe Kroboth, Transportation & Capital Infrastructure
Melissa Tello, Transportation & Capital Infrastructure
Christopher Bresley, Finance and Procurement

PURPOSE: To award a contract for the Design-Build Delivery of the Route 772 Transit Connector Bridge.

RECOMMENDATIONS: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to award a contract for the Design-Build Delivery of the Route 772 Transit Connector Bridge to Shirley Contracting Company, LLC in the total estimated amount of \$16,563,160.

BACKGROUND: Part 1 of the Design Build Request for Proposal (RFP) No. 228 for the Route 772 Transit Connector Bridge was issued on July 17, 2015 requesting that interested organizations (i.e., design-build teams) provide their qualifications for evaluation. These qualifications established that the Offeror met the RFP minimum qualifications and consisted of documentation of the Offeror's design-build experience; description of the Offeror's organization structure and credentials of the Offeror's project team. Four (4) organizations submitted qualification statements in response to Part 1 on August 26, 2015. These qualifications were evaluated based upon the criteria contained in Part 1 of the RFP by a Proposal Analysis Group (PAG) consisting of members from the Department of Transportation and Capital Infrastructure and a consultant from Kimley-Horn Associates Inc.

The Proposed 772 Transit Connector Bridge will carry vehicular traffic over the Dulles Greenway to connect the Moorefield Station development with the Loudoun Station development.

As a result of the PAG’s evaluation of the qualifications, the design-build organizations were ranked as follows:

Initial Ranking	
Shirley Contracting Company, LLC	1 st
Allan Myers VA, Inc.	2 nd
Fort Myers Construction Corporation	3 rd
Keiwit Infrastructure South	4 th

Based on the evaluations of the qualifications submitted, the PAG decided to shortlist and interview the two (2) top ranked organizations. The shortlisted organizations were provided Part 2 of the RFP on December 1, 2015, which consisted of the Technical Specifications for the Project. The Technical Specifications are the project scope of work and include a detailed description of the roadway and bridge improvements; anticipated design, environmental, right-of way and construction services; standards and reference documents; County furnished information; utility relocation information; project management requirements to include permits and approvals and the Virginia Department of Transportation’s acceptance process.

On March 15, 2016 the shortlisted organizations provided their cost and schedule proposal in response to Part 2 of the RFP. Based on the combined evaluation results of Parts 1 and 2 of the RFP, it was determined that the firm of Shirley Contracting Company, LLC, partnering with Dewberry, was the most qualified Design-Build team to enter into a contract for the Design Build Delivery of the Route 772 Transit Connector Bridge.

Final Ranking	
Shirley Contracting Company, LLC	1 st
Allan Myers VA, Inc.	2 nd

This Project consists of the design and construction of the Route 772 Transit Connector Bridge carrying vehicular traffic (cars, buses etc.) across the existing Dulles Greenway (State Route 267) between Exit 6 (Ashburn Village Boulevard, State Route 643) and Exit 7 (Loudoun County Parkway) for the Ashburn Metro Station.

The project will extend existing Metro Center Drive from its proposed intersection with Devin Shafron Drive south across the Dulles Greenway via a two-lane overpass to a proposed roundabout at the future intersection of Metro Center Drive and Moorefield Boulevard. Design and construction of the intersection of Devin Shafron Drive and Metro Center Drive is included in the project scope of work.

The project will also include the design and construction of Moorefield Boulevard from the roundabout to its intersection with future Croson Lane. The Project length along Metro Center Drive is approximately 0.46 miles. The Project length along Moorefield Boulevard is approximately 0.16 miles.

This project will link the proposed parking garages and station entrances being constructed to serve the planned Route 772 Silver Line Metro Station to be located directly north of the proposed overpass.

The Project includes the installation of a 447 foot, three-span bridge carrying two vehicle travel lanes and a 10 foot shared-use path over the Dulles Greenway and future Vinegar Hill Road to be located parallel to and directly to the south of the Dulles Greenway. The Project also includes the construction of a roundabout at the intersection of Metro Center Drive and future Moorefield Boulevard. The completion date for this Project is December 1, 2018.

ISSUES: The Route 772 Metro Transit Connector Bridge is a key project in the Route 772 Silver Line Metro Station development. The vehicular bridge will allow passage over the Dulles Greenway from the northern and southern portions of the station kiss-&-ride areas providing key connectivity including the construction of Moorefield Boulevard.

Beginning in early 2015, the County was tasked to procure and complete the design and construction for this project. County staff recognized the aggressive Silver Line schedule and elected to proceed with the development of a Design-Build process in order to meet the required delivery date of December 2018.

With the onset of the 772 Silver Line Metro Station, other development in the area on both sides of the Dulles Greenway is also planned for completion within the same timeframe in late 2018. The Design-Build RFP referenced several other projects (including other County projects) adjacent to the new Route 772 Transit Connector Bridge in order to help facilitate coordination efforts with the Design-Build team. Ongoing schedule management will be required by the Design-Build team to coordinate the design and construction of the County's project.

FISCAL IMPACT: Sufficient funding is appropriated in the Route 772 Transit Station Connector Bridge capital project account to award the Design Build contract to Shirley Contracting Company LLC, in the estimated amount of \$16,563,160. Appropriations for this project totaled \$24,953,375 in FY 2015, however since that time the Moorefield Boulevard – Croson Lane to Metro Center Drive project scope of work and budget have been incorporated into the Design-Build contract for the Route 772 Transit Station Connector Bridge. This resulted in an additional \$725,000 in local tax funding and \$850,000 in cash proffers for a new total project budget of \$26,528,375. The \$26,528,375 project is funded utilizing \$18,209,360 in lease revenue financing, \$2,896,000 in local gasoline tax funding, \$2,925,000 in fund balance, and \$2,498,015 cash proffers. The current remaining balance after expenditures and encumbrances is \$24,616,420.

It is anticipated that the remaining project balance will be required to fully execute the design and construction of the Route 772 Transit Station Connector Bridge. Independent third party testing and inspections services are required outside of the Design-Build contract as are County costs for utility relocation, additional Right-of-Way acquisition, if required and approved by the County and construction contingency.

ALTERNATIVES:

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to award a contract for the Design-Build Delivery of the Route 772 Transit Connector Bridge to Shirley Contracting Company, LLC in the total estimated amount of \$16,563,160.

OR

2. Do not recommend renewal of the contracts and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to award a contract for the Design-Build Delivery of the Route 772 Transit Connector Bridge to Shirley Contracting Company, LLC in the total estimated amount of \$16,563,160.

OR

2. I move an alternate motion.

ATTACHMENT:

1. *Capital Improvement Program: Route 772 Transit Connector Bridge, FY 2016 Adopted Budget; page 11-62.*



Route 772 Transit Station Connector Bridge

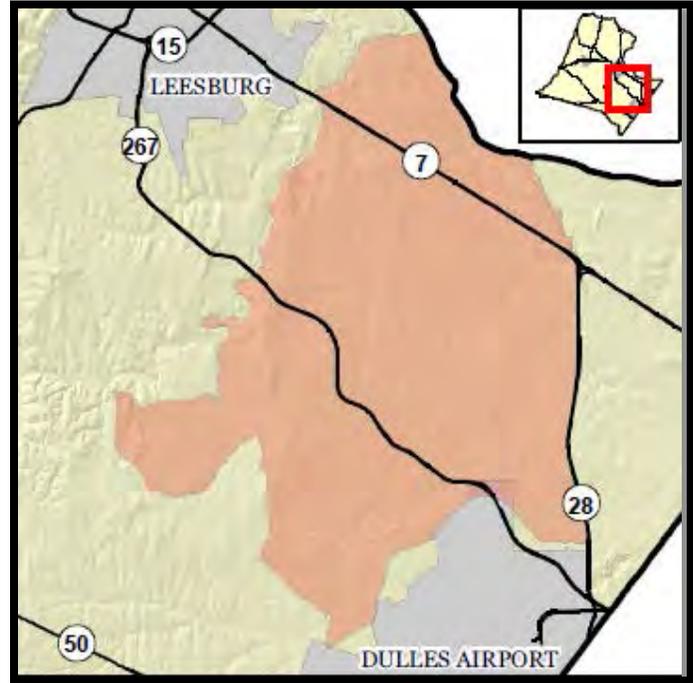
Project Description – C00210

The Route 772 Metrorail Station Connector Bridge is depicted in the 2010 Countywide Transportation Plan (CTP). This bridge is a key element of the CTP roadway extension linking Croson Lane on the western side of the Dulles Greenway to Shellhorn Road on the eastern side of the Greenway. Additionally, the bridge provides an integral connection linking both sides of the Route 772 Station, providing a direct, vehicular connection between the northern and southern parking garages at the Station. This eliminates the need for private vehicles, transit buses, and bicycles to revert to using local roads to access the parking garages on either side of the Greenway, and provides a transportation link that unifies the Moorefield Station and Loudoun Station Transit Oriented Developments (TOD).

This project is being designed and constructed to VDOT standards and will be included in the VDOT system for road maintenance.

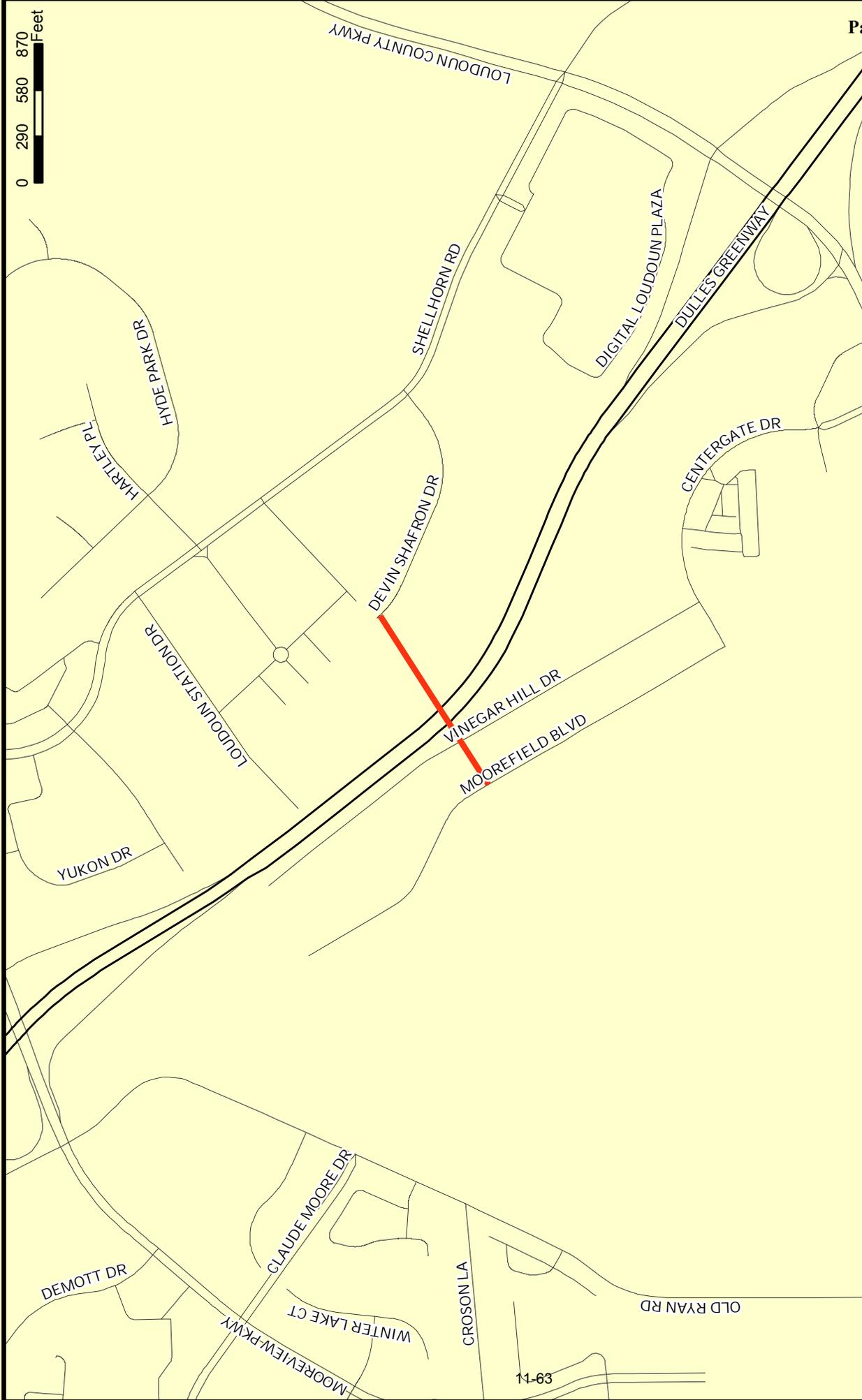
Funding Plan

This project is funded using lease revenue financing, local gasoline tax funding, fund balance, and cash proffers. An amendment to the FY 2015 CIP was approved by the Board of Supervisors to transfer \$18.20 million in lease revenue financing from the Route 606 Widening project to the bridge project to accelerate the development of the bridge. The Route 606 Widening project will receive a like amount of RSTP grant and cash proffer appropriations to replace the lease revenue financing transferred to the bridge project in FY 2015.



	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	FY's	Total
Land	-	-	-	-	-	-	-	-	-	-
Professional Services	19,105	-	-	-	-	-	-	-	-	19,105
Construction	-	5,848	-	-	-	-	-	5,848	-	5,848
Total Cost	19,105	5,848	-	-	-	-	-	5,848	-	24,953
Local Tax Funding - Roads	-	-	-	-	-	-	-	-	-	-
GO Bond	-	-	-	-	-	-	-	-	-	-
Lease Revenue Financing	18,209	-	-	-	-	-	-	-	-	18,209
State Capital Assistance	-	-	-	-	-	-	-	-	-	-
CMAQ	-	-	-	-	-	-	-	-	-	-
RSTP	-	-	-	-	-	-	-	-	-	-
Revenue Sharing	-	-	-	-	-	-	-	-	-	-
NVTA 70% (Regional)	-	-	-	-	-	-	-	-	-	-
NVTA 30% (Local)	-	-	-	-	-	-	-	-	-	-
Proffers (Cash)	-	1,648	-	-	-	-	-	1,648	-	1,648
Local Gasoline Tax	896	2,000	-	-	-	-	-	2,000	-	2,896
Transit Bus Fees	-	-	-	-	-	-	-	-	-	-
Fund Balance	-	2,200	-	-	-	-	-	2,200	-	2,200
Total Financing	19,105	5,848	-	-	-	-	-	5,848	-	24,953

Operating Impact (\$ in 1000s)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Debt Service	68	117	582	1,034	1,827	1,780	5,408
Total Impact	68	117	582	1,034	1,827	1,780	5,408



Map Number 2014-055
 Loudoun County Office of Mapping
 and Geographic Information

LOUDOUN COUNTY GOVERNMENT

ADOPTED FY 2015 – FY 2020 CAPITAL IMPROVEMENT PROGRAM PROJECTS

RT 772 TRANSIT STATION CONNECTOR BRIDGE

The road alignment depicted on this map is conceptual in nature and may be revised due to design and engineering considerations.



11-63

Date of Meeting: April 12, 2016

#7

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **CONTRACT RENEWAL/Office Supplies and Office Paper**

ELECTION DISTRICT: Countywide

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: John Sandy, County Administration
Philip Butterfass, Finance and Procurement

PURPOSE: To renew the contract for Office Supplies and Office Paper.

RECOMMENDATION: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to renew the Office Supplies and Office Paper Contract with Staples Contract and Commercial Incorporated in the estimated amount of \$800,000.

BACKGROUND: During June and July 2015, staff researched several options for contracting for office supplies. These options ranged from issuing the County's own solicitation to utilizing other existing state and/or local government contracts. The results of the analysis indicated a National Joint Powers Alliance (NJPA) contract was the most favorable to the County from a discount and rebate offered perspective. Based upon that analysis, the County awarded a contract for Office Supplies to Staples Contract and Commercial Incorporated using the NJPA contract during August 2015 award authority in the amount of \$850,000.

The NJPA is a governmental agency operating under the enabling authority outlined in Minnesota State Statute 123A.21. This statute was created in 1978 and revised in 1995 to allow participating government and education agencies to reduce the cost of purchased equipment and products by leveraging their combined national purchasing power. The NJPA establishes and provides nationally leveraged and competitively solicited purchasing contracts. Members may purchase through NJPA contracts without duplicating their own competitive bidding process and requirements. The result of this cooperative effort is a variety of nationwide, high-volume, cost-effective competitively bid contract solutions and services.

The NJPA contract was solicited and awarded for office supplies solely to Staples Contract and Commercial Incorporated for the period from August 1, 2015 through July 31, 2016 with an

optional one year renewal period, This item is requesting authorization to renew the contract with Staples (from August 1, 2016 to July 31, 2017) in the estimated amount of \$800,000. The County has expended approximately \$728,229 during the current twelve month period under this contract.

Items provided under this contract include a full range of office supplies, including but not limited to the following: office paper, printer toner, stationary, business machines, filing accessories, and writing instruments. This contract offers next-day delivery of office supplies to the requesting agency office location on an as-needed basis. Staples also offers a rebate back to the County once certain levels of usage are reached. The County is presently on pace to receive a 4% rebate on the purchase price of core items. The rebate for this past year was \$29,155.

ISSUES: If the NJPA contract is not utilized, then County staff would either purchase office supplies through open market purchases, or issue our own solicitation. Both of these options lose the advantage of volume discounts achieved through this national cooperative contract. It may be unlikely that supplies would be delivered next day, and the County may lose efficiency achieved through web-based ordering. The County would also not receive a rebate for supplies purchased.

This contract renewal requires action by the FGOEDC and Board as it exceeds the staff authority of \$500,000 in accordance with the Procurement Resolution.

FISCAL IMPACT: Sufficient funding for the first eleven (11) months of the contract is available in the individual county agency and departmental FY 2017 operating budgets; and funding for the last month of the contract will be subject to FY 2018 budget appropriations. Approval of this contract renewal does not commit the County to expend funds, it only establishes award authority.

ALTERNATIVES:

1. Recommend to the Board that the Purchasing Agent be authorized to renew the contract for office supplies and office paper contract with Staples Contract and Commercial Incorporated in the estimated amount of \$800,000.

OR

2. Do not recommend renewal of the contract and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to renew the contract for office supplies and office paper with Staples Contract and Commercial Incorporated, in the estimated amount of \$800,000.

OR

2. I move an alternate motion.

Date of Meeting: April 12, 2016

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**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **AWARD AUTHORITY INCREASE/Consultant Services
for Transportation and Urban Planning**

ELECTION DISTRICT: Countywide

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: Joe Kroboth, Transportation and Capital Infrastructure
Christopher Bresley, Finance and Procurement

PURPOSE: To increase the award authority of the Consultant Services for Transportation and Urban Planning contract.

RECOMMENDATION: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to increase the award authority for the Consulting Services for Transportation and Urban Planning contract by \$1,500,000 making the new contract award authority \$4,870,000.

BACKGROUND: On October 22, 2012 staff awarded a contract for Consultant Services for Transportation and Urban Planning using a cooperative procurement from Fairfax County in the estimated amount of \$500,000. This was done under staff authority, granted under the Loudoun County Procurement Resolution. On October 16, 2013 the Board approved an increase to the contract award authority of \$500,000 for a new total of \$1 million. On November 12, 2013, the FGOEDC increased the contract award authority by an additional \$745,000 and again on June 10, 2014 by an additional \$1,500,000 for a new total award authority of \$3,245,000. The contract was recently increased under staff authority by \$125,000 (25% of the original contract award amount) per the Board's Adopted Procurement Resolution for a new contract award authority amount of \$3,370,000. As of March 30, 2016, a total of \$3,357,890 has been obligated under this contract. The contract term ends on April 30, 2017 with up to two additional one year renewal periods.

The services provided under this contract include the following:

- assistance with the design review of the drawings for the Metrorail Silver Line Station;

- preparation of conceptual designs for roadway and pedestrian sidewalks/trails, prioritization of transportation projects;
- identification of sidewalk and trail projects;
- augmentation of staff who support capital projects and traffic engineering projects;
- oversight and ongoing tasks associated with special transportation planning initiatives directed by the Board (e.g., Dulles access road evaluation, Shellhorn Road alignment studies, and Prentice Drive alignment studies);
- assisting County staff with the preparation of applications for state and regional funding;
- development and cost estimation of transportation projects; transit planning, development of the transit development plan update; and
- consultation services to implement the Board’s Transportation Initiatives.

The additional funding award of \$1,500,000 will be utilized to continue the previously identified efforts including:

- reviews for the Metrorail project and highway projects plans;
- cost estimating to support the capital improvement program and capital budget;
- model the transportation network, transit planning initiatives necessary to implement system changes to support the Silver Line Phase 1 and 2 project; and
- development of preliminary concept plans to advance transportation projects.

Work under this contract can be distributed to nine independent consulting firms. To date, staff has utilized the services of Kimley-Horn & Associates, Inc., Parsons Brinckerhoff, Inc., Rummel Klepper & Kahl, LLP, and Transystems Corporation.

ISSUES: Use of this contract aids in streamlining project completion by making available the resources of a large consulting pool. Otherwise a comprehensive procurement process must be employed for each task which could delay project development and requests from the Board.

FISCAL IMPACT: The Capital Project Management Consulting Services account in the Capital Fund has a current balance totaling \$2,520,215. Sufficient funding is currently available in the Capital Project Management Consulting Services account in the Capital Fund, to increase the award authority for the Consulting Services for Transportation and Urban Planning, Design and Engineering Services by \$1,500,000, for a new contract award authority amount of \$4,870,000. Moving forward, the FY 2017 Adopted Fiscal Plan includes an additional \$1,000,000 in local tax funding to pay for consulting services such as this contract.

ALTERNATIVES:

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to increase the award authority for the Consultant Services for Transportation and Urban Planning contract by \$1,500,000 for a new contract amount of \$4,870,000.
2. Do not recommend this purchase and direct staff how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to increase the award authority for the Consultant Services for Transportation and Urban Planning contract by \$1,500,000 for a new contract amount of \$4,870,000.

OR

2. I move an alternate motion.

Date of Meeting: April 12, 2016

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**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **AWARD AUTHORITY INCREASE/Roadway and
Civil Design Services for the Russell Branch Parkway**

ELECTION DISTRICT: Broad Run

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: Joe Kroboth, Transportation and Capital Infrastructure
Melissa Tello, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

PURPOSE: To increase the award authority for the Roadway and Civil Design Services for the Russell Branch Parkway contract with Rinker Design Associates, PC (RDA) by \$123,045 for a new estimated amount of \$668,053.

RECOMMENDATION: **Staff** recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to increase the authority for the Roadway and Civil Design Services for the Russell Branch Parkway contract with Rinker Design Associates, PC by \$123,045 for a new estimated amount of \$668,053. **Staff** further recommends that the FGOEDC recommend to the Board of Supervisors that staff be authorized to execute a budget adjustment to transfer \$400,000 from the Capital Improvement Program (CIP) Contingency to the Russell Branch Parkway capital project account for the above stated purpose.

BACKGROUND: On April 4, 2008 Request for Proposal No. QQ-01413 was issued for Roadway and Civil Design Services for the Russell Branch Parkway. Twelve (12) proposals were received on May 22, 2008 and evaluated by a Proposal Analysis Group (PAG) composed of County and VDOT staff. Based on the evaluations of the proposals submitted, the PAG decided to interview two (2) firms and award the contract to Rinker Design Associates (RDA) in the estimated amount of \$339,110. Two change order were processed under staff authority for \$158,773 and \$1,475 respectively, increasing the contract amount to \$499,358. A subsequent design change for \$45,650 was issued for the design of a driveway and design of turn lanes for BF Saul and the Community Church. An award authority increase was approved by the Board for this change on February 20, 2013 for a revised contract amount of \$545,008. A change order

was processed on August 4, 2014 for field services and base mapping under staff authority for \$5,420.

ISSUES: The construction of the Russell Branch Parkway began in April 2015 and is currently at 65% complete. The general contractor, William A. Hazel, has been awarded additional contract time due to approved changes during construction and weather delays. A total of 93 days have been approved based on critical path impact for the project revising the completion date to July 6, 2016 as of this report. This includes additional time for resubmission of the box culvert design during the submittal phase at the beginning of construction which was required due to a change in VDOT standards from the time of original project design. Based on the extended construction contract time, extended construction administration services from RDA are required. Additionally, RDA services for street acceptance are required and those services were not included in their original scope of work. The increase in award authority is required to fully deliver the project through construction and the street acceptance process with the Virginia Department of Transportation (VDOT).

Two (2) Potential Change Orders (PCO's) are pending final approval in association with this award authority increase. The first PCO provides for additional construction administration services by RDA for an extended construction contract duration. Construction began in April 2015 and was planned for 365 calendar days. Based on approved construction change orders including time extensions to the general contractor for weather delays, the construction contract time has been extended by 93 days. RDA's construction administration services are required to extend accordingly and the cost for that change is \$48,260.

The second associated PCO, for \$69,365, is for additional professional services from RDA to support the street acceptance process upon completion of construction. This effort was not included in RDA's original scope of work and includes coordination to compile the documentation required for street acceptance by the Loudoun County Facility Standards Manual (FSM) and VDOT.

Construction is currently planned for completion in Summer 2016. Based on these two PCO's, supplemental funding will be required for additional anticipated construction phase changes. These changes include additional services for 3rd party testing and inspections for the extended construction contract time and funding for actual construction contract changes for the box culvert, additional undercut and drainage requirements based on field conditions. Staff is requesting \$400,000 from the CIP Contingency account to cover these costs and to provide the necessary contingency for the remainder of the construction contract duration.

FISCAL IMPACT: The budget for the Russell Branch Parkway project totals \$6,012,373.93. This funding consists of \$250,000 in local tax funding, \$2,364,381.93 in local gasoline tax funding, and \$3,397,992 in cash proffers. To date, \$5,806,068.95 has been spent or encumbered on easement acquisition, design and construction, leaving a remaining balance of \$206,304.98. While this balance is sufficient to award the additional design services requested, this would leave a remaining balance of only \$83,259.98.

Sufficient funding exists in the CIP Contingency for the requested \$400,000 in supplemental funding. The transfer of \$400,000 will leave a remaining balance of \$3,287,745 in the CIP Contingency account.

ALTERNATIVES:

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to award the award authority increase for the Roadway and Civil Design Services for the Russell Branch Parkway contract award to Rinker Design Associates, PC By \$123,045 for a new estimate amount of \$668,053.
2. Recommend the Board of Supervisors authorize staff to execute a budget adjustment in the amount of \$400,000 from the CIP Contingency to the Russell Branch Parkway capital project account.
3. Do not recommend the award authority and direct staff on how to proceed.
4. Do not recommend the supplemental funding and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to award the award authority increase for the Roadway and Civil Design Services for the Russell Branch Parkway contract award to Rinker Design Associates, PC By \$123,045 for a new estimate amount of \$668,053.

AND

I further move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that staff be authorized to execute a budget adjustment to transfer \$400,000 from the CIP Contingency to the Russell Branch Parkway capital project account.

OR

2. I move and alternate motion.

Date of Meeting: April 12, 2016

10

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **FY 2016 Capital Improvement Program Amendment / Shaw Road**

ELECTION DISTRICT: Sterling

CRITICAL ACTION DATE: At the Pleasure of the Board

STAFF CONTACTS: Peter Malgieri, Transportation and Capital Infrastructure
Daniel Csizmar, Transportation and Capital Infrastructure
Joe Kroboth, Transportation and Capital Infrastructure

PURPOSE: To amend the FY 2016 Capital Improvement Program (CIP) and budget by approving a budget adjustment to appropriate and transfer \$734,276.80 in cash proffers in the Public Facilities Fund to the Transportation District Fund and then to the Capital Fund to fund the design of Shaw Road drainage improvements and road widening.

RECOMMENDATIONS: **Staff** recommends the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend that the Board of Supervisors (Board) amend the FY 2016 CIP and budget to appropriate and transfer \$734,276.80 in cash proffers in the Public Facilities Fund to the Transportation District Fund and then to the Capital Fund to fund the Shaw Road drainage improvements and road widening.

BACKGROUND: At its July 15, 2015 Business Meeting, the Board approved (9-0-0) a Board Member Initiative directing the Department of Transportation and Capital Infrastructure (DTCI) to evaluate safety/drainage issues along Shaw Road between South Sterling Boulevard and First Potomac Way (formerly known as Cedar Green Road). DTCI investigated factors leading to the frequent roadway flooding, performed preliminary evaluation of potential solutions, estimated solution costs, and identified possible funding sources.

On December 2, 2015 the Board was presented the findings of DTCI's evaluation and presented potential costs to solve the flooding problem. The Board approved (9-0-0) a motion to direct staff to pursue the design and construction of upgrades to the existing drainage system and widen Shaw Road between the Sterling Technology property and the Dulles Electric Supply property, from two-lanes to four-lanes using up to \$1,100,000 in cash proffers, subject to issuance of a Zoning Determination, and further directed staff to present a plan for the balance of the funding needed

for the project, estimated at approximately \$1,522,000 as part of the FY 2017- FY 2022 CIP. For planning purposes, and to coincide with the production schedule of the budget document, staff has included the full estimated cost of \$2,622,000 for the project as part of the Proposed FY 2017 – FY 2022 CIP.

Staff has identified proffers totaling \$1,016,540.29 which can potentially be programmed for the design and construction of the proposed Shaw Road improvements. Staff has requested, and received, cash proffer determinations for the following proffers which can be used to initiate the design of the Shaw Road widening project in FY 2016:

Table 1. Cash Proffers Available to Fund Improvements to Shaw Road

Application Name	Application Number	Sequence Number	Total Funding
Allied Plaza	SPEX-1997-0025	99062389	\$34,650.05
Steeplechase Industrial Park 2	SPEX-1986-0053	97101606	\$90,220.16
Steeplechase Industrial Park 2	SPEX-1986-0053	96105340	\$215,753.59
Schwald and Lerner Sterling Business Park Center	ZMAP-1986-0046	97013231	\$393,653.00
Total			\$734,276.80

Staff has submitted a determination request to the Zoning Administrator for use of ZCPA-1993-0005; Sequence 95070051 for \$282,263.49 which will be required to go through the Proffer Flexing process. This item is on the agenda for the April 13, 2016 Public Hearing and, if approved, will be programmed for the construction of the Shaw Road improvements in FY 2016. Additional project details are contained in the April 13, 2016 Public Hearing staff report, which address the project process moving forward and initial discussion of right-of-way acquisition issues.

ISSUES: An amendment to the FY 2016 CIP is required in order to transfer additional funds from the Public Facilities Fund to the Capital Fund for the Shaw Road project. If the Board chooses to not appropriate the use of proffer funding for the project then the design for this project cannot begin until funding is appropriated, currently planned for FY 2018 in the FY 2017 – FY 2022 Proposed CIP.

FISCAL IMPACT: Zoning Administration staff issued cash proffer determinations (ZCOR-2015-0216; ZCOR-2015-0199) indicating the cash proffers requested are appropriate for the proposed use. If approved by the Board, staff will prepare a budget adjustment to appropriate \$734,276.80 in cash proffers in the Public Facilities Fund, as shown in Table 1, and transfer that amount through the Transportation District Fund to the Capital Fund for the Shaw Road project. The Proposed FY 2017

– FY 2022 CIP includes funding of \$2,622,000 for the Shaw Road project in FY 2018, consisting of \$1,400,000 in local tax funding, \$900,000 in cash proffers, and \$322,000 in NVTA 30% local funding. Any amount of cash proffers the Board appropriates in FY 2016 to initiate design will be reduced from the \$900,000 currently programmed for the project in FY 2018 of the FY 2017 – FY 2022 CIP. The balance necessary for construction will remain in FY 2018 of the FY 2017 – FY 2022 CIP.

ALTERNATIVES: The Board may choose to recommend the transfer of some, none or all of the requested \$734,276.80 funding for the road capital project. If the Board does not fully fund the request, staff would have to identify other sources of proposed funding for the project, or wait until project funding is appropriated in FY 2018 of the Proposed CIP to begin design work.

DRAFT MOTIONS:

1. I move the Finance, Government Operations and Economic Development Committee recommend that the Board of Supervisors amend the FY 2016 Capital Improvement Program and budget by directing staff to execute a budget adjustment to appropriate \$734,276.80 in cash proffers in the Public Facilities Fund, as shown in Table 1,

AND

I further move to transfer that amount through the Transportation District Fund to the Capital Fund to fund the design of drainage improvements and the widening of Shaw Road between the Sterling Technology property and the Dulles Electric Supply property.

OR

2. I move and alternate motion.

ATTACHMENTS:

1. ZCOR-2015-0216; Cash Proffer Determination – Use of Special Exception Contributions for Improvements to Shaw Road.
2. ZCOR 2015-0199; Cash Proffer Determination – Request from DTCI to Use Sterling Park Business Center Cash Proffer for the Design and Construction of Improvements to Shaw Road.
3. Proposed Widening of Shaw Road.

CORRESPONDENCE SUMMARY

Date: January 27, 2016
Correspondence Number: ZCOR 2015-0216
Subject: **Use of Special Exception Contributions for Improvements to Shaw Road**
Applicable Reference Numbers: SPEX 1997-0025*, SPEX 1986-0053*
Election District: Sterling

Correspondence Summary: Widening of Shaw Road can be funded with applicant contributions made pursuant to SPEX 1997-0025 and SPEX 1986-0053.

Current Property Owners:

SPEX 1997-0025:

032-45-8892
 Hossain Esmaeili LLC
 5812 Fairview Woods Drive
 Fairfax Station, VA 22039

031-15-3806
 Grisha Enterprises
 22714 Glenn Drive Suite 130
 Sterling, VA 20164

SPEX 1986-0053:

043-10-7197, 043-30-8107, 043-20-5453
 SIR Properties Trust
 255 Washington Street, Suite 300
 Newton, MA 02458

043-30-4666
 H/F Sky Rocket LLC
 1707 Duke Street
 Alexandria, VA 22314

031-35-7311, 043-30-8755, 031-45-1206,
 043-40-5903
 Orbital Sciences Corporation
 Attn: Tax Dept
 45101 Warp Drive
 Sterling, VA 20166

031-35-6086
 21700 Atlantic Boulevard Investors
 c/o Thompson Reuters Property Tax
 Services
 PO Box 1368
 Carlsbad, CA 92018

Author: Brian Wegener

*Indicates where to file

Is this a determination? Check one: Yes No

**County of Loudoun
Department of Planning and Zoning
MEMORANDUM**

Date: January 27, 2016

To: Susan Glass, Program Manager – Transportation and Capital Infrastructure

From: Brian Wegener, Planner – Zoning Administration Division

Subject: **ZCOR 2015-0216, Use of Cash Contributions Received Pursuant to Special Exception Applications for Improvements to Shaw Road**

This correspondence is sent in response to your memorandum of December 3, 2015 requesting a determination as to use of funds received pursuant to special exception applications to fund design and construction of improvements to Shaw Road. Specifically, you have asked whether the improvements, which consist of widening Shaw Road between the “Sterling Technology property” (PIN: 033-45-3879) and the “Dulles Electric Supply property” (PIN: 033-35-7335) from two lanes to four lanes, can be funded with applicant contributions made pursuant to special exceptions SPEX 1997-0025 and SPEX 1986-0053.

The short answer to your question is yes, the funds may be used, as summarized in the table below. A more detailed analysis follows. Please be advised that the Department of Planning and Zoning cannot guarantee the listed funds have not been disbursed or obligated to other projects.

APPLICATION #	APPLICATION NAME	SEQ #	AWARD #	BALANCE	APPROPRIATE?
SPEX 1997-0025	Allied Plaza	99062389	Y00659	\$34,650.05	Yes
SPEX 1986-0053	Steeplechase Industrial Park 2	97101606	Y00637	\$90,220.16	Yes
SPEX 1986-0053	Steeplechase Industrial Park 2	96105340	Y00582	\$215,753.59	Yes

Request: The Department of Transportation and Capital Infrastructure (DTCI) requests the use of \$34,650.05 (LMIS Sequence #99062389) received by the County as a regional road contribution pursuant to special exception SPEX 1997-0025, Allied Plaza, approval condition #9, for design and construction of the widening of Shaw Road.

Determination: On February 26, 1998, the Board of Zoning Appeals approved special exception SPEX 1997-0025, Allied Plaza, subject to 15 approval conditions. Condition #9 states:

9. *A regional road contribution of \$.75 per square foot shall be provided at zoning permit issuance for the construction of Phases 2 and 3 for improvements in the vicinity of Ruritan Circle.*

Susan Glass
 January 27, 2016
 Page 2 of 5

The applicant contributed \$30,000 pursuant to condition #9. The funds earned \$4,650.05 in interest, for a balance of \$34,650.05. LMIS indicates that there have been no distributions.

It is appropriate to use the requested cash condition fund for the proposed project, as it was intended for regional road improvements in the vicinity of Ruritan Circle as specified in the condition. The phrase “in the vicinity” has been defined in previous determinations to mean within the same Planning Subarea as the development where the funds were contributed. SPEX 1997-0025, Allied Plaza, and the Shaw Road improvements are both located in the Sterling Planning Subarea. Therefore, the current remaining balance, plus additional contributions and interest earned in this account, may be used for the proposed project.

Request: DTCI requests the use of \$305,973.75 (LMIS Sequence #97101606 and #96105340) received by the County as a contribution for transportation facilities pursuant to special exception SPEX 1986-0053, Steeplechase Industrial Park 2, approval conditions #4.a.1 and #4.a.2, for design and construction of the widening of Shaw Road.

Determination: On March 16, 1987, the Board of Supervisors approved special exception SPEX 1986-0053, Steeplechase Industrial Park 2, subject to conditions of approval. Condition #4 provided for a cash contribution for transportation facilities and states:

4. *The following conditions are applicable for the development of Lots 1-10 (south of Cabin Branch):*
 - a. *The County accepts the applicant’s commitment to provide a one-time contribution of \$1/square foot of gross building structure area for transportation facilities as outlined in their amendment to the special exception dates 2/26/87.*
 1. *One half is to be paid upon approval of the Special Exception Request. These funds are to be calculated on the basis of 50 cents per square foot of the gross allowable building area for a .4 FAR for Lots 1-10.*
 2. *One half is to be paid in conjunction with the issuance of individual building permits for Section 1. These funds will be calculated on the basis of 50 cents per square feet of the gross building structure to be constructed.*

In regard to condition #4.a.1, \$1,784,219.22 was collected and the funds earned \$293,754.52 in interest. Disbursements total \$1,862,220.15, for a current remaining balance of \$215,753.59. In regard to condition #4.a.2, \$196,456 was collected and the funds earned \$30,924.51 in interest. Disbursements total \$137,160.35, for a current remaining balance of \$90,220.16. The sum of both accounts is \$305,973.75. The current remaining balances, plus additional contributions and interest earned in these accounts, may be used for the proposed project.

It is appropriate to use the requested cash contribution funds for the proposed project, as the funds were intended for transportation facilities to serve Steeplechase Industrial Park 2 and the

Susan Glass
January 27, 2016
Page 3 of 5

surrounding community and the proposed improvement is located within proximity to the property subject to the approved special exception. Further, SPEX 1986-0053, Steeplechase Industrial Park 2, and the Shaw Road improvements are both located in the Sterling Planning Subarea.

PLEASE NOTE: This opinion is valid only as of this date, and this opinion does not and shall not relieve the owner or any occupant of the property in question from the obligation to comply with all applicable Zoning Ordinance and other County Ordinance requirements. This opinion is based upon the special exception conditions as they exist as of the date of this letter, and such special exception conditions may be amended by a subsequent Special Exception.

This determination applies solely to the referenced property and is not binding upon the County, the Zoning Administrator or any other official with respect to any other property. No person may rely upon this determination with respect to any property other than the referenced property.

Please be advised that any person aggrieved, or any officer, department or agency of Loudoun County affected by an order, requirement, decision or determination made by an administrative officer in the administration or enforcement of the provisions of the special exception conditions attached to a special exception application, may appeal said decision within thirty (30) days to the Board of Zoning Appeals in strict accordance with Section 15.2-2311 of the *Code of Virginia*. This decision is final and unappealable if not appealed within 30 days. An application package for an appeal to the Board of Zoning Appeals may be obtained by visiting the Loudoun County Government Center, 1 Harrison St. S.E., Second Floor, Customer Service, Leesburg, VA. Two copies of the completed application must be submitted to the Department of Building and Development Customer Service counter with the fee payment of \$350.00 within 30 days from the date of this letter.

If you have any questions in regard to this correspondence, you may contact Amy Kresge, Proffer Program Manager, at 703-737-8890 or amy.kresge@loudoun.gov.

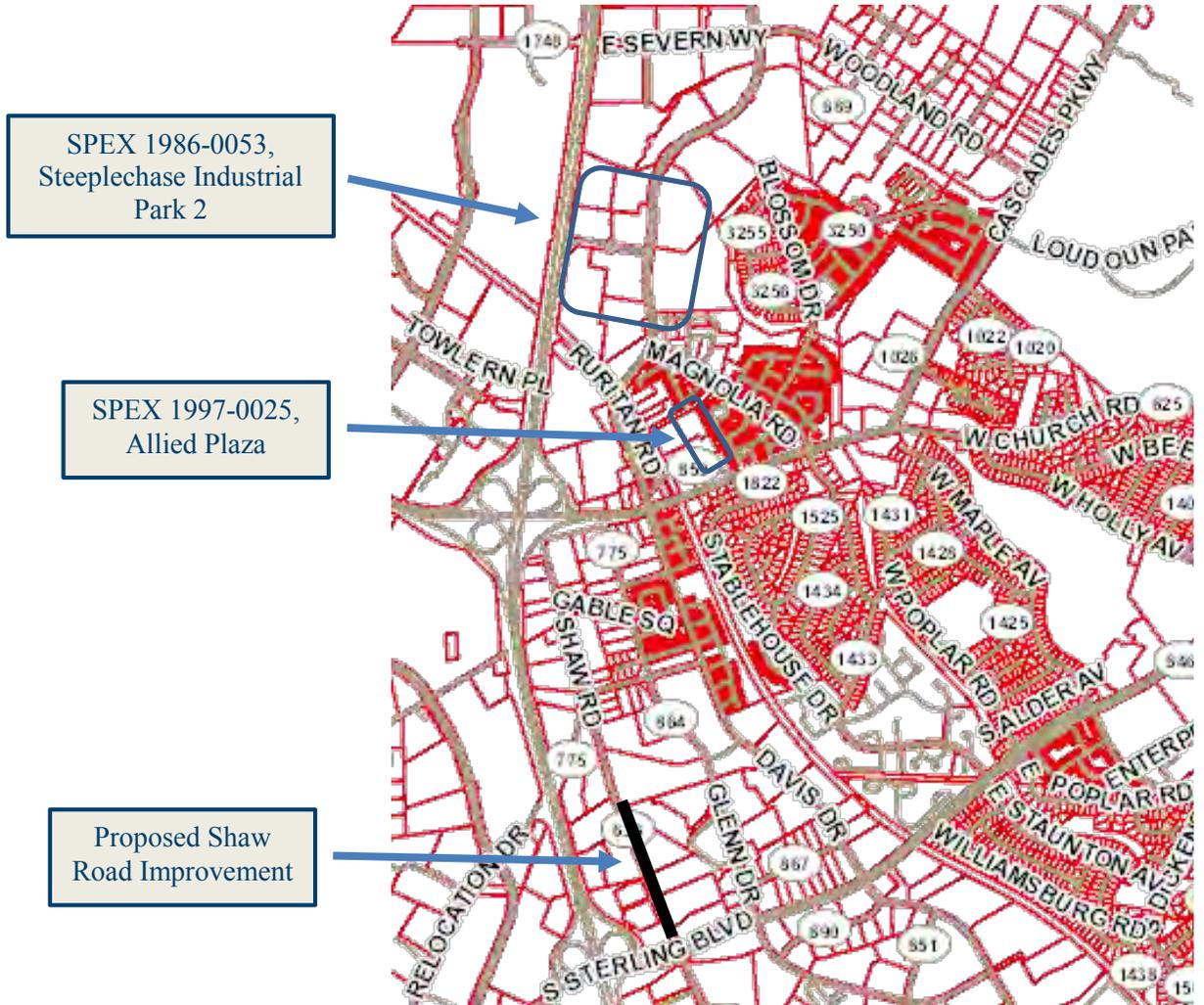
Attachment: Vicinity Map

Copy via email: Phyllis Randall, Chair At-Large
Koran Saines, Sterling District Supervisor
Kenneth Young, Assistant County Administrator
Ricky Barker, Director of Planning and Zoning
Joe Kroboth, Director, DTCI
Terrie Laycock, Special Projects Manager, DTCI
Daniel Csizmar, Capital Budget Manager, DTCI
Greg Barnes, Civil Engineer, DTCI
Mark Stultz, Zoning Administrator
Amy Kresge, Proffer Program Manager

Copy via US Mail: Hossain Esmali LLC, H/F Sky Rocket LLC,
Grisha Enterprises, Orbital Sciences Corporation,
SIR Properties Trust, 21700 Atlantic Boulevard Investors

VICINITY MAP

CONDITION FUNDS REQUESTED FROM SPECIAL EXCEPTIONS FOR WIDENING OF SHAW ROAD



CORRESPONDENCE SUMMARY

DATE: March 4, 2016

CORRESPONDENCE NUMBER: ZCOR 2015-0199

SUBJECT: Request from DTCI to Use Sterling Park Business Center Cash Proffer for the Design and Construction of Improvements to Shaw Road

1993 Ordinance Reference Numbers: N/A

1972 Ordinance Reference Numbers: N/A

Other Applicable Reference Numbers: ZMAP 1986-0046*
(LSDO/FSM/ZMAP/SPEX)

Applicable Tax Map/PIN Numbers:

Election District: Sterling

Correspondence Summary: It is appropriate to use the funds in LMIS Sequence #97013231/Oracle Award #Y01107 for design and construction of improvements to Shaw Road between the Sterling Technology property (PIN: 033-45-3879) and the Dulles Electric Supply property (PIN: 033-35-7335).

PROPERTY OWNER:
FP STERLING PARK 8 & 9 LLC
FIRST POTOMAC REALTY TRUST
7600 WISCONSIN AVE SUITE 1100
BETHESDA, MD 20814-3661

Author: Bradley R. Polk

*Indicates where to file

Is this a determination? Check one: Yes No

County of Loudoun

Department of Planning and Zoning

MEMORANDUM

DATE: March 4, 2016

TO: Susan Glass, Program Manager, Department of Transportation and Capital Infrastructure

FROM: Bradley R. Polk, Proffer Auditor 

SUBJECT: **ZCOR 2015-0199; Request for Proffer Determination to Use Sterling Park Business Center Cash Proffer for Design and Construction of Improvements to Shaw Road**

This correspondence is sent in response to your November 10, 2015, memorandum to Mark Stultz, Zoning Administrator, and Amy Kresge, Proffer Program Manager, which requested a proffer determination concerning the use of specific cash proffers received from the developer of Sterling Park Business Center to fund the design and construction of improvements to Shaw Road between the Sterling Technology property (PIN: 033-45-3879) and the Dulles Electric Supply property (PIN: 033-35-7335) to address frequent flooding problems. The Department of Transportation and Capital Infrastructure (DTCI) requests to fund the design and construction of the improvements from the Sterling Park Business Center cash in lieu of construction contribution received for the proffered improvements to Glenn Drive extended, Davis Drive extended, and/or Route 775 extended (Belfort Park Drive).

The use of the funds requested is appropriate. Please be advised that I cannot guarantee that the requested funds have not been disbursed or obligated to other projects.

On July 18, 1988, the Board of Supervisors approved the zoning map amendment for Sterling Park Business Center, ZMAP-1986-0046, subject to the proffers dated June 30, 1988. As stated in the text below, Proffer 1(a)(i), provided for construction of public road improvements to Route 775 extended (Belfort Park Drive), Glenn Drive extended or Davis Drive extended in substantial conformance with Exhibit A. Proffer 1(d) provides for a cash contribution if any of the improvements shown on Exhibit A, including those stated in Proffer 1(a)(i), are completed by others.

- (i) Upon site plan approval for Lot 13 as shown on the Concept Development Plan, the Owner shall construct a portion of the public road improvements to Route 775

ZCOR 2015-0199

extended, Glenn Drive extended or Davis Drive extended, or any combination thereof, in substantial conformance with Exhibit "A" as directed by the County and subject to VDOT approval. Such improvements shall be constructed either on-site or off-site subject to the provisions of subparagraph 1(a) (iii) below. The cost of such improvements to the Owner shall not exceed \$367,900. This amount shall increase or decrease by a percentage equal to the percentage increase or decrease in the Engineering News Record Twenty Cities Construction Cost Index. The base period for such index shall be the year and month when this application is approved, with the cost adjusted as of the date of construction but no later than three years after the approval date of this rezoning application. In the event such index should not be published for as long as this proffer is in force, a comparable publication, acceptable to both the County and the Owner, will be used.

- (d.) Construction by Others. In the event that any of the public road improvements shown on Exhibit "A" have already been constructed and paid for by others, at the time of site plan approval for Lot 13, the owner shall provide the County with a cash equivalent contribution in an amount equal to the cost of such improvements constructed and paid for by others; provided, however, that the amount of such contribution shall not exceed \$367,900, adjusted in accordance with subparagraph 1(a) (i) above to the date of such contribution but no later than three years after the approval date of this rezoning application, and the amount that may be contributed to the escrow fund under subparagraph 1(a) (ii) above shall be reduced by any amount contributed pursuant to this subparagraph 1(d).

Susan Glass
March 4, 2016
Page 3 of 4

The proffered improvements required by Proffer 1(a)(i) were completed, in part, by the Belfort Park Area Road Improvements Project, funded by the County and administered by the Virginia Department of Transportation (VDOT). On October 23, 2014, First Potomac contributed to the County \$393,653 in fulfillment of Proffer 1(d). The current balance of the account is \$393,653 (LMIS Sequence #97013231, Oracle Award # Y01107).

Proffer 1(d) does not limit use of the cash equivalent contribution. Therefore, the County may use the funds at its discretion. The proposed improvements to Shaw Road are in close proximity to the proffered improvements to Glen Drive and Belfort Park Drive constructed by VDOT. It is also noted that both the proposed improvements to Shaw Road and the proffered improvements are in the Sterling Planning Subarea. Therefore, it is appropriate to use the requested cash proffer funds for the design and construction of improvements to Shaw Road between the Sterling Technology property (PIN: 033-45-3879) and the Dulles Electric Supply property (PIN: 033-35-7335) to eliminate frequent flooding problems of the roadway.

PLEASE NOTE: This opinion is valid only as of this date, and this opinion does not and shall not relieve the owner or any occupant of the property in question from the obligation to comply with all applicable Zoning Ordinance and other County Ordinance requirements. This opinion is based upon the proffers as they exist as of the date of this letter and such proffers may be amended by a subsequent Zoning Concept Plan Amendment.

This determination applies solely to the referenced property and is not binding upon the County, the Zoning Administrator or any other official with respect to any other property. No person may rely upon this determination with respect to any property other than the referenced property.

Please be advised that any person aggrieved, or any officer, department or agency of Loudoun County affected by an order, requirement, decision or determination made by an administrative officer in the administration or enforcement of the provisions of the proffer conditions attached to a rezoning or amendment to the zoning map, may appeal said decision within thirty (30) days to the Board of Supervisors in strict accordance with Section 15.2-2301 of the *Code of Virginia*. This decision is final and unappealable if not appealed within 30 days. An application package for an appeal to the Board of Supervisors may be obtained by visiting the Loudoun County Government Center, 1 Harrison St. S.E., Second Floor, Customer Service, Leesburg, VA. Two copies of the completed application must be submitted to the Department of Building and Development Customer Service counter with the fee payment of \$350.00 within 30 days from the date of this letter.

If you have any questions concerning this correspondence, you may call me at 703-737-8657 or contact me via email: bradley.polk@loudoun.gov.

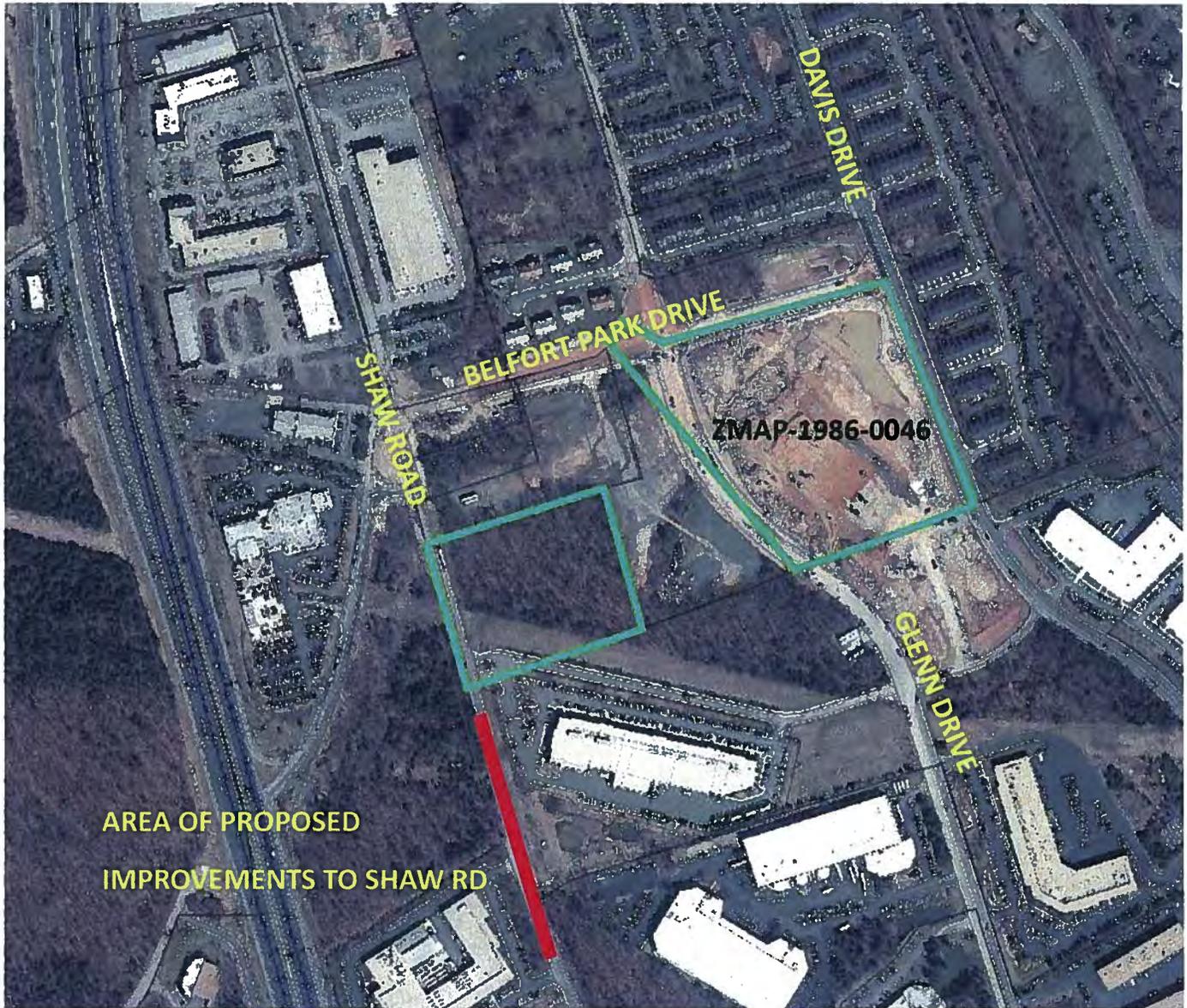
Attachment: Vicinity Map

Susan Glass
March 4, 2016
Page 4 of 4

cc via email: Phyllis J. Randall, Chair, Board of Supervisors
Koran T. Saines, Sterling District Supervisor
Joe Kroboth, Director, DTCI
Terrie Laycock, Special Projects Manager, DTCI
Dan Csizmar, Capital Budget Manager, DTCI
Peter Malgieri, Transportation Capital Budget Specialist, DTCI
Greg Barnes, Project Engineer, DTCI
Ricky W. Barker, AICP, Director, Planning and Zoning
Mark Stultz, Zoning Administrator
Amy Kresge, Proffer Program Manager

cc via U.S. Mail: FP STERLING PARK 8 & 9 LLC, Property Owner

VICINITY MAP
STERLING PARK BUSINESS CENTER, ZMAP 1986-0046;
PROPOSED DESIGN AND CONSTRUCTION OF
IMPROVEMENTS TO SHAW RD TO ELIMINATE FREQUENT FLOODING





SHAW ROAD

EXISTING POND OUTFALL

PROPOSED ROADWAY WIDENING

REPLACE PIPE

PROPOSED RIGHT-OF-WAY

PROPOSED DRAINAGE/
UTILITY EASEMENT

PROPOSED CURB & GUTTER

Shaw Rd

SHAW ROAD

© 2015 Google

ATTACHMENT 3

**EXHIBIT NO.2: PROPOSED
WIDENING OF SHAW ROAD
(SCENARIO 2)**

Scale: NOT TO SCALE
Date: 10/27/2015



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Sully Rd

Date of Meeting: April 12, 2016

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**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **CONTRACT AWARD/Architectural & Engineering Services for the Hal and Berni Hanson Regional Park**

ELECTION DISTRICT: Blue Ridge

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: Joe Kroboth, Transportation & Capital Infrastructure
Mark Hoffman, Transportation & Capital Infrastructure
Christopher Bresley, Finance and Procurement

PURPOSE: To award a contract for the design of the Hal and Berni Hanson Regional Park.

RECOMMENDATION: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend to the Board of Supervisors (Board) that the Purchasing Agent be authorized to award a contract for Architectural and Engineering Services for the Hal and Berni Hanson Regional Park to Lose & Associates, Inc., in the total estimated amount of \$4,919,608. Staff also recommends that the FY 2016 Capital Improvement Program (CIP) and budget be amended to appropriate \$2,025,000 from the Braddock Crossing rezoning application in the Public Facilities Fund and transfer that amount to the Capital Fund for the design contract award.

BACKGROUND: Request for Proposal No. 225 was issued on May 22, 2015 for Architectural and Engineering Services for the Hal and Berni Hanson Regional Park. Eight (8) proposals were received on June 25, 2015 and evaluated by a Proposal Analysis Group (PAG) consisting of members from the Department of Transportation and Capital Infrastructure and Department of Parks, Recreation, and Community Services. After reviewing the eight (8) proposals, the PAG met in August 2015 to rank the proposals.

As a result of the PAG’s evaluation of the proposals, the firms were ranked as follows:

Initial Ranking	
Kimley-Horn and Associates, Inc.	1 st
Lose & Associates, Inc.	2 nd
A Morton Thomas and Associates, Inc.	3 rd
Davis, Carter, Scott LTD	4 th
Hughes Group Architects	5 th
Langan Engineering & Environmental Services	6 th

CHA Consulting, Inc.	7 th
AECOM Technical Services, Inc.	8 th

Based on the evaluations of the proposals submitted, the PAG decided to shortlist and interview only the top three (3) ranked firms. The Notice of Shortlist was issued on August 27, 2015. The shortlisted firms were interviewed on September 25, 2015. At the conclusion of the evaluation process, it was determined that the firm of Lose & Associates, Inc. was the most qualified firm and negotiations began to enter into a contract for Architectural and Engineering Services for the Hal and Berni Hanson Regional Park. The Notice of Final Ranking was issued on November 20, 2015. The final ranking of the three (3) shortlisted firms was:

Final Ranking	
Lose & Associates, Inc.	1 st
Kimley-Horn and Associates, Inc.	2 nd
A Morton Thomas and Associates, Inc.	3 rd

A joint scoping meeting was held with Lose & Associates on December 18, 2015 to clarify the project scope of work and confirm Lose & Associates' design and construction administration responsibilities under the contract. Due to the large number of design elements associated with the proposed park, the need to preserve the historic Hanson House, and numerous Special Exception conditions, multiple discussions regarding scope clarification with Lose & Associates took place in January and February 2016 to work out all the details associated with the project and for Lose & Associates to develop a design fee. Negotiations were successfully completed on February 18, 2016.

As detailed above, the procurement process starts with the development and issuance of the RFP, and once responses are received by the County, they are reviewed by the PAG, a shortlist of qualified firms is compiled and interviews are scheduled. Once a final ranking is issued, scope clarification and price negotiations proceed until a contract award is brought forward to the FGOEDC. Delays were encountered at two key intervals in the procurement process. Initially between receipt of the proposal and the initial PAG meeting, other projects of significant impact also needed the attention and action of procurement and capital project management staff including:

- the Route 772 Transit Connector Bridge;
- the construction support services contract for the Route 7 and Route 659 project;
- the value engineering process for the Ashburn Sheriff Substation; and
- the bid review and contract award for the Dulles South Multi-Purpose Center.

The efforts to complete the proposal review process are handled in tandem by both project staff and Procurement staff and each staff component were addressing the deadline demands of the other projects. Also, for the time interval between the short list being developed and interviews being scheduled, there were delays associated with the PAG member review of the evaluation results and actual dates that qualified firms (including out of state firms) were available to participate in an interview process.

The Consultant’s scope of services will include developing detailed, fully coordinated architectural and engineering designs; construction drawings and specifications and providing construction administrative services. The Hal and Berni Hanson Regional Park facility will be located in Arcola, Virginia on the parcel that contains approximately 257 acres and is planned to consist of 17 athletic fields with lighting, over 75 acres of passive recreational space, a nature center building, a lodge building, a park office building, maintenance facilities, picnic shelters, renovation of a historical building (Hanson House), restrooms with concessions, handicapped accessible playground, and associated parking.

ISSUES: The Hal and Berni Hanson Regional Park includes passive uses in the park site, while providing the citizens of Loudoun County with active recreational and educational opportunities, supporting cultural goals of the community and preserving historical significance of the site.

This contract renewal requires action by the FGOEDC and Board as it exceeds the staff authority of \$500,000 in accordance with the Procurement Resolution.

FISCAL IMPACT: The current budget for the Hal and Berni Hanson Regional Park totals \$3,940,317. The remaining unspent, unencumbered balance in the project totals \$2,894,909. In order to award the design contract for the regional park, staff needs to amend the FY 2016 CIP and budget to appropriate at least \$2,024,699 in cash proffers to provide sufficient funding for the design of the project. Construction funding is planned in FY 2017 using cash proffers and general obligation bond financing in the CIP.

The Zoning Administrator issued a cash proffer determination, ZCOR-2010-0263, on December 21, 2010, authorizing the use of the following cash proffer account for the development of Hal and Berni Hanson Park:

ZMAP	DEVELOPMENT	SEQ #	AMOUNT
ZMAP-2003-0012	BRADDOCK CROSSING	99066770	2,946,511.11

Staff is recommending that \$2,025,000 of this remaining balance from the Braddock Crossing rezoning application be appropriated in the Public Facilities Fund and transferred to the Capital Fund to provide the additional funding required to award the design contract for the park

ALTERNATIVES:

1. Recommend to the Board of Supervisors that the Purchasing Agent be authorized to award a contract for Architectural and Engineering Services for the Hal and Berni Hanson Regional Park to Lose & Associates, Inc., in the total estimated amount of \$4,919,608. Staff also recommends that the FY 2016 CIP and budget be amended by appropriating \$2,025,000 from the Braddock Crossing rezoning application in the Public Facilities Fund and transfer that amount to the Capital Fund to provide sufficient appropriations to award the design contract.

OR

2. Do not recommend renewal of the contract and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the Purchasing Agent be authorized to award a contract for Architectural and Engineering Services for the Hal and Berni Hanson Regional Park to Lose & Associates, Inc., in the total estimated amount of \$4,919,608.

AND

I further move that the Finance/Government Operations and Economic Development Committee recommend to the Board of Supervisors that the FY 2016 CIP and budget be amended by appropriating \$2,025,000 from the Braddock Crossing rezoning application in the Public Facilities Fund and transfer that amount to the Capital Fund to provide sufficient appropriations to award this design contract.

OR

2. I move an alternate motion.

ATTACHMENT:

1. *Capital Improvement Program: Hal and Berni Hanson Regional Park*. FY 2016 Adopted Budget, Volume 2; page 10-37.



Hal and Berni Hanson Regional Park

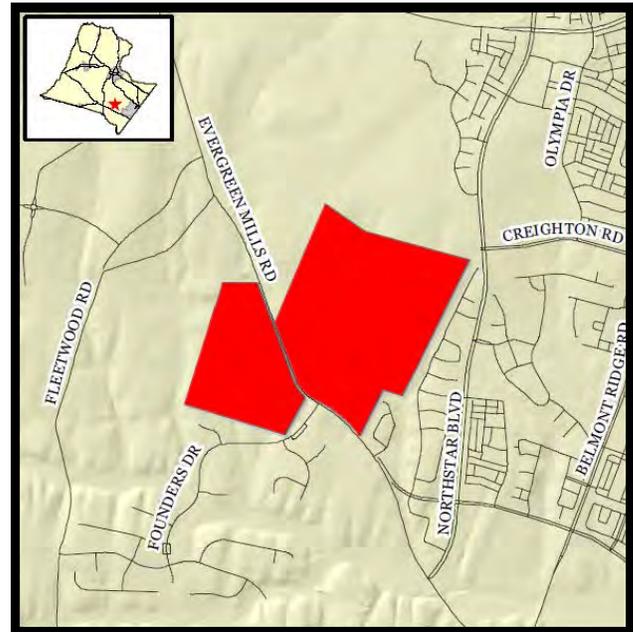
Project Description – C00089

This project funds the development of the Hal and Berni Hanson Regional Park located on Evergreen Mills Road in the Dulles Planning Subarea. The funding includes the construction of active and passive recreational amenities, to include up to seventeen athletic fields, recreational trails, park offices, a nature center, picnic pavilions, maintenance shops, and associated infrastructure such as parking and public restrooms.

The Loudoun County Board of Supervisors approved the acquisition of a 257.35 acre parcel from the Hanson Family Partnership for a Regional Park in the Fall of 2008. The acquisition was the culmination of negotiations with the Hanson family, Dominion Power and the National Park Service as a part of a United States Department of Interior program. The federal program permitted the County to sell a 5.03 acre park parcel to Dominion Power in exchange for a new park parcel of greater or equal value. The County used the funds from this sale of land to Dominion Power to purchase the Hanson Family parcel.

\$3,850,000 in cash proffers were allocated to the project in the FY 2010 and FY 2012 CIP to develop a master plan for the park, obtain Special Exception and Commission Permit approvals, and design the Regional Park.

The Loudoun County Board of Supervisors approved the Master Plan for the park on October 3, 2012. The Special Exception for the Park was approved on July 2, 2014. Construction of the park is scheduled to begin in FY 2017.



Funding Plan

The construction phase of the project is funded using cash proffers and general obligation bonds. The general obligation bonds will be scheduled for placement on the November 2016 referendum.

	Prior							6 Year	Future	Project
Capital (\$ in 1000s)	Alloc.	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total	FY's	Total
Professional Services	3,940	-	-	-	-	-	-	-	-	3,940
Construction	-	-	-	48,000	-	-	-	48,000	-	48,000
Furniture, Fixtures & Equip	-	-	-	4,100	-	-	-	4,100	-	4,100
Land Acquisition	5,000	-	-	-	-	-	-	-	-	5,000
Total Cost	8,940	-	-	52,100	-	-	-	52,100	-	61,040
Local Tax Funding	90	-	-	-	-	-	-	-	-	90
GO Bonds	-	-	-	35,505	-	-	-	35,505	-	35,505
Proffers (Cash)	3,850	-	-	16,595	-	-	-	16,595	-	20,445
Fund Balance	-	-	-	-	-	-	-	-	-	-
Proceeds from the Sale of Land	5,000	-	-	-	-	-	-	-	-	5,000
Total Financing	8,940	-	-	52,100	-	-	-	52,100	-	61,040

Operating Impact (\$ in 1000s)	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
FTE	-	-	-	-	13.00	-	13.00
Personnel	-	-	-	-	700	721	1,422
O&M	-	-	-	-	550	556	1,106
Debt Service	-	-	-	1,200	2,170	2,915	6,285
Total Impact	-	-	-	1,200	3,421	4,192	8,813

Date of Meeting: April 12, 2016

12

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
INFORMATION ITEM**

SUBJECT: Quarterly Report/Upcoming Contracts in 4th Quarter-FY 2016

ELECTION DISTRICT: Countywide

STAFF CONTACTS: Cheryl L. Middleton, Finance and Procurement
John Sandy, County Administration

PURPOSE: To inform the Finance/Government Operations and Economic Development Committee (FGOEDC) of projects that exceed \$1 million and/or contracts that affect service delivery and would require future action by the FGOEDC and the Board of Supervisors (Board).

BACKGROUND: Since 2009, staff has provided a report of upcoming projects to the FGOEDC on a quarterly basis at the Committee's request. This report provides information on projects that exceed \$1 million and/or contracts that affect service delivery and would require future action by the FGOEDC and the Board. This item is intended to provide advance notice of these major items to the Committee members and an opportunity to ask questions of staff and request specific information that they would like to see in the future action items.

Attachment 1 provides information on contracts that will require action by the FGOEDC during the fourth quarter of FY 2016. Attachment 2 provides information on contracts that are expected to require action by the FGOEDC during the first quarter of FY 2017. These items will subsequently be forwarded to the full Board for final action.

ATTACHMENTS:

1. Upcoming Contracts/Projects in FY 2016 Q4
2. Upcoming Contracts/Projects in FY 2017 Q1

Upcoming Contracts/Projects in FY 2016 Q4

1. Contract Award/ Architectural & Engineering Services for the New Loudoun County Animal Services Facility

Reference: Adopted FY 2016 Budget, Volume 2: FY 2016-FY2020 CIP (April 2015), page 10-50

Description: This contract's overall scope consists of the architectural and engineering services for the design of an approximately 25,000 square foot Animal Services Facility to replace the existing facility located in Waterford, Virginia. The Shelter is planned to be located on an approximate five (5) acre portion parcel owned by the Loudoun County Board of Supervisors on the corner of the future Kincaid Boulevard and the future Crosstrails Boulevard in Leesburg Virginia. The new Facility will provide many of the same services as the current animal shelter in Waterford. These services include: pet adoptions, housing of strays, abandoned or relinquished companion animals, dog license sales, volunteer opportunities, dispatch services for Animal Control Officers, education programs, counseling services, and a veterinary clinic for the medical treatment of shelter animals. The approximate five (5) acre site will include all the site functions required by this Facility, plus areas for storage, outdoor training and animal exercise areas.

Estimated Cost: \$1,800,000

Funding Source: General Obligation Bonds

Estimated Committee Action Date: June 2016

Staff Contacts: Joe Kroboth, Transportation and Capital Infrastructure
Mark Hoffman, Transportation and Capital Infrastructure
Christopher Bresley, Finance and Procurement

2. Contract Renewal/Job Order Contract for Maintenance and Repair of Mechanical Infrastructure

Reference: NA

Description: The Department of General Services intends to renew the contracts for the Job Order Contract (JOC) for Maintenance and Repair of Mechanical Infrastructure for the first of two, one year renewal options. A JOC is a competitively bid, firm fixed priced, indefinite quantity contract. The scope of work of these contracts includes countywide maintenance, repair and replacement of mechanical infrastructure on an as-needed basis at various Loudoun County facilities.

Estimated Cost: \$4,000,000

Funding Sources: Funding is available in the FY 2016 and 2017 operating budgets of the Department of General Services, the Department of Parks, Recreation and Community Services, and the Department of Transportation and Capital Infrastructure and the Capital Asset Preservation Program and the Capital Improvement Program.

Estimated Committee Action Date: June 2016

Staff Contacts: Ernest Brown/ General Services
Tom Trask/ General Services
Christopher Bresley, Finance and Procurement

3. Contract Award/Construction of the Scott Jenkins Memorial Park Phase 2

Reference: Adopted FY 2016 Budget, Volume 2: FY 2016-FY2020 CIP (April 2015), page 10-41

Description: This contract award is intended for the construction of the remaining planned facilities at Scott Jenkins Memorial Park. Phase 2 of the project includes the construction of three (3) small baseball fields, one rectangular field, associated parking, and a concession building. The 35.1 acre site is located at 39464 East Colonial Highway in Hamilton, VA.

Estimated Cost: \$1,700,000

Funding Source: Local Tax Funding

Estimated Committee Action Date: June 2016

Staff Contacts: Melissa Tello, Transportation and Capital Infrastructure
Christopher Bresley, Finance and Procurement

3. Contract Award/Day Support and Employment Services

Reference: FY 2016 Adopted Budget (April 2015) and
FY 2017 Adopted Budget (April 2016)

Description: The contract award is intended for providing Employment and Developmental Day Services under a regional cooperative agreement for individuals with developmental disabilities under the direction of the Department of Mental Health, Substance Abuse and Developmental Services (MHSADS). By participating in this cooperative procurement, the County has access to a pool of providers for these services as well as a regional rate structure. Employment services are community based paid employment opportunities for people whose skill level does not make them candidates for competitive employment. Fairfax County issued a cooperative solicitation in August 2015 with a one year base effective May 1, 2016; and included four (4) one-year renewal options.

Estimated Cost: \$1,650,000

Funding Source: FY 2016 Operating Budget/FY 2017 Operating Budget for MHSADS

Estimated Committee Action Date: May 2016

Staff Contacts: Margaret Graham, Mental Health, Substance Abuse and
Developmental Services
Sara Westfall, Mental Health, Substance Abuse and
Developmental Services
Diane C. Smith, Finance and Procurement

4. Contract Renewal/Operation of the Homeless Services Center and Related Services

Reference: FY 2017 Adopted Fiscal Plan (April 2016)

Description: The Department of Family Services (DFS) intends to renew the services of a qualified organization to operate the County’s Homeless Services Center located on Meadowview Court in Leesburg. This facility and its ancillary programs and services includes the Emergency Homeless Shelter, the Drop-In Center, Cold Weather Shelter, the Permanent Supportive Housing on-site program, and eight (8) geographically dispersed off-site apartments. The County provides oversight of each of the programs. The Department of Family Services acts as the contract administrator and provides financial supervision of the program. This Contract renewal covers the period October 1, 2016 through September 30, 2017 and is the first of five (5) renewal options.

Estimated Cost: \$1,045,388

Funding Source: FY 2017 Operating Budget for DFS

Estimated Committee Action Date: June 2016

Staff Contacts: Ellen Grunewald, Family Services
 Hope Stonerook, Family Services
 Diane C. Smith, Finance and Procurement

5. Contract Renewal/Companion Services

Reference: FY 2017 Adopted Fiscal Plan (April 2016)

Description: The Department of Family Services (DFS) intends to renew the services of a qualified organization to provide companion services to the County’s elderly and disabled clients. Companion services are currently provided within the homes of eligible individuals. Eligible individuals are those persons who are 18 years and older and who are physically, or mentally incapacitated; or those individuals who are more than 60 years old and who need assistance with daily living activities. Needs assessments are conducted by the Department of Family Services. The services provided include: light housework, shopping, meal preparation, bathing, dressing, toileting, eating/feeding, supervision, and/or limited socialization activities. The Companion Program provides a service to intervene in Adult Protective Services situations to protect individuals and stabilize critical and, at times, life-threatening situations. This Contract renewal covers the period October 1, 2016 through September 30, 2017 and is the final renewal of four (4) renewal options.

Estimated Cost: \$1,106,069

Funding Source: FY 2017 Operating Budget for DFS

Estimated Committee Action Date: June 2016

Staff Contacts: Ellen Grunewald, Family Services
 Hope Stonerook, Family Services
 Diane C. Smith, Finance & Procurement

6. Contract Award/Lovettsville Park Road Improvements

Reference: Adopted FY 2016 Budget, Volume 2: FY 2016-FY2020 CIP (April 2015), page 8-79

Description: The Department of Transportation and Capital Infrastructure (DTCI) intends to award a contract to construct road improvements at the intersection of East Broad Way, Lovettsville Road and Milltown Road; and construct an entrance to the future Lovettsville Community Park as specified in prepared plans by Louviere, Stratton & Yokel, LLCs and Atkins North America, Inc., as reviewed and approved by the County and the Virginia Department of Transportation (VDOT).

Estimated Cost: \$1,300,000

Funding Source: Local Gasoline Tax funds, Lease Revenue Financing

Estimated Committee Action Date: June 2016

Staff Contacts: Melissa Tello, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

7. Contract Award/Construction of Tall Cedars Parkway Between Gum Spring and Pinebrook Road

Reference: Adopted FY 2014 Fiscal Plan, Volume 2: FY 2013-FY2018 CIP (April 2013), page 11-22

Description: DTCI intends to award a contract to construct a new segment of Tall Cedars Parkway between Pinebrook Road and Gum Springs Road completing the full connection of Tall Cedars Parkway from the East Gate development through the Stone Ridge development in the Dulles Planning Subarea. The project also provides for the construction of a half-section of Tall Cedars Parkway between Pinebrook Road and Riding Center Drive.

Estimated Cost: \$7,400,000

Funding Source: Cash Proffers

Estimated Committee Action Date: June 2016

Staff Contacts: Melissa Tello, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

8. Contract Award/Construction of Stone Ridge II Park and Ride

Reference: Adopted FY 2016 Budget, Volume 2: FY 2016-FY2020 CIP (April 2015), page 11-87

Description: DTCI intends to award a contract to construct the Stone Ridge Park and Ride Facility of approximately 300 parking spaces on a County-owned five (5) acre proffered site in the Stone Ridge development. The Park and Ride is located between Stone Carver Drive to the east and Tall Cedars Pkwy to the south in South Riding, Virginia.

Estimated Cost: \$4,500,000

Funding Source: Cash Proffers, Transit Bus Fees

Estimated Committee Action Date: June 2016

Staff Contacts: Melissa Tello, Transportation and Capital Infrastructure
Mike Angel, Finance and Procurement

Upcoming Contracts/Projects in FY 2017 Q1

Title: Contract Award/Telephone Platform Solution

Department: Information Technology

Estimated Value: \$1,500,000

Anticipated Meeting Date: July 2016

Title: Contract Renewal/Backbone Network Equipment and Services

Department: Information Technology

Estimated Value: \$1,400,000

Anticipated Meeting Date: July 2016

Title: Contract Award/Kirkpatrick Fire and Rescue Station

Department: Transportation & Capital Infrastructure

Estimated Value: \$8,000,000

Anticipated Meeting Date: July 2016

Title: Contract Award/Youth Shelter Phase 2

Department: Transportation & Capital Infrastructure

Estimated Value: \$1,000,000

Anticipated Meeting Date: July 2016

Title: Contract Award/Construction of the Pennington Lot Parking Garage

Department: Transportation & Capital Infrastructure

Estimated Value: \$15,000,000

Anticipated Meeting Date: August 2016

Title: Contract Award/Architectural & Engineering Services for the Aldie Fire Station

Department: Transportation & Capital Infrastructure

Estimated Value: \$2,000,000

Anticipated Meeting Date: September 2016

Title: Contract Award/Job Order Contract (JOC) for the Maintenance and Repair of Stormwater Infrastructure, Paving and other site Work

Department: General Services

Estimated Value: \$4,000,000

Anticipated Meeting Date: September 2016

Title: Contract Award/Construction of Improvements to the Edgar Tillet Park

Department: Transportation & Capital Infrastructure

Estimated Value: \$1,700,000

Anticipated Meeting Date: September 2016

Title: Contract Renewal/Job Order Contract (JOC) for General Construction Work

Department: General Services

Estimated Value: \$4,000,000

Anticipated Meeting Date: September 2016

Title: Contract Renewal/Construction Support Services

Department: Transportation & Capital Infrastructure

Estimated Value: \$2,000,000

Anticipated Meeting Date: September 2016

Title: Contract Award/Construction of Mooreview Parkway

Department: Transportation and Capital Infrastructure

Estimated Value: \$5,000,000

Anticipated Meeting Date: September 2016

Title: Contract Award/Construction of Claiborne Parkway

Department: Transportation and Capital Infrastructure

Estimated Value: \$5,300,000

Anticipated Meeting Date: September 2016

Date of Meeting: April 12, 2016

#13

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
INFORMATION ITEM**

SUBJECT: **Quarterly Report/Capital Improvement Projects – 3rd Quarter, FY 2016**

ELECTION DISTRICT: Countywide

STAFF CONTACTS: Joe Kroboth, Transportation and Capital Infrastructure
Mark Hoffman, Transportation and Capital Infrastructure
Melissa Tello, Transportation and Capital Infrastructure

PURPOSE: To provide the Finance/Government Operations and Economic Development Committee (FGOEDC) a quarterly update on key capital improvements projects in various stages of pre-design, design, land acquisition and construction.

BACKGROUND: The FGOEDC has requested a quarterly update on key capital improvement projects which reports on the progress of various stages, including pre-design, design, land acquisition and construction activities. This information item represents a quarterly report for the third quarter of FY 2016 and covers the months of January, February and March 2016. Information on capital projects currently under development is provided in Attachment 1: Project Status Report. The key points of this report are summarized below.

PROJECTS COMPLETED: There were three projects completed during the 3rd Quarter of FY 2016.

- *Brambleton District Park – East (March 2016)* – This project provides for a District Park which, overall, will consist of nine athletic fields on approximately 26 acres east and 33 acres west of Belmont Ridge Road (Route 659) in the Brambleton community. The fields for the eastern portion of the park reopened for use in early September 2015. In March 2016, the restroom facilities opened for use.
- *Franklin Park Rectangular Field Lighting – Phase II (February 2016)* – This project funds the design and construction to light the rectangular sports fields at Franklin Park. In this quarter, the project achieved final completion including the lighting of the tennis courts and inline skate areas.
- *Mirror Ridge Group Residence (March 2016)* – This project funds the build-out of the basement of the Mirror Ridge Group Residence to provide additional residential living and

program space. The construction phase of the project achieved final completion in Summer 2015. In this quarter, Mental Health, Substance Abuse & Developmental Services (MHSADS) completed the procurement of the furnishings and the project is now complete.

PROJECT MILESTONES MET: The following projects achieved significant milestones during the 3rd Quarter of FY 2016:

- *Allder School Road Improvements (March 2016)* – This project designs and paves Allder School Road (Route 711) from Woodgrove Road (Route 719) to Hillsboro Road (Route 690). The scope includes a bridge over the South Fork of the Catoctin Creek. In this quarter, a kick off meeting was held and Notice to Proceed was issued on March 9, 2016 to clear trees and vegetation within the project corridor to facilitate utility relocations. Clearing is projected to be complete in May 2016. After the clearing is complete, Dominion Virginia Power and Verizon will begin relocating their utility lines.
- *Ashburn Sheriff Station (March 2016)* – This project designs and constructs an 18,000 square feet Sheriff's Station on a County-owned site in the One Loudoun community to serve the greater Ashburn area. Bids for the project were received on May 21, 2015 and all bids were above the construction budget. Following completion of a value engineering exercise and approval of supplemental funding for the project, Callas Contractors was awarded the contract. In this quarter, a kick off meeting was held, the contractor prepared preconstruction submittals for approval and Notice to Proceed was issued on March 21, 2016. In the next quarter, a Ground Breaking Ceremony is planned for April 25, 2016, the contractor will mobilize onsite and begin Erosion & Sediment (E&S) measures, underground utilities and building foundation work. The construction duration is 490 days and completion is planned for Summer 2017.
- *Ashburn Road Sidewalks (January 2016)* – This project provides funding to design and construct a sidewalk along the eastern side of Ashburn Road between Partlow Road and the W&OD Trail. In this quarter, Building & Development (B&D) approved the design plans on January 20, 2016. Land acquisition is now ongoing to secure Right of Way to construct the project. It is anticipated land acquisition activities will be finalized by Fall 2016.
- *Belmont Ridge Road Improvements Truro Parish Drive to Croson Lane (March 2016)* - This project provides for the design and construction of two additional lanes to Belmont Ridge Road from Truro Parish Drive to Croson Lane. The project includes the installation of a traffic signal at the Belmont Ridge Road/Croson Lane intersection. Since the signal design is complete and approved by VDOT, the signal will be constructed ahead of the road improvements. In this quarter, signal construction bids were received on March 8, 2016. In the next quarter, the design will continue toward 100%, utility relocation coordination will continue, land acquisition discussions will continue with affected property owners, and the Belmont Ridge Road/Croson Lane signal construction contract will be awarded. The signal construction duration is planned for six months.

Claude Moore Park Restrooms & Lights (February 2016) – This project involves the installation of a pre-manufactured public restroom and concessions building at Claude Moore Park. In this quarter, the Site Plan Amendment for the restroom and concession building was approved by Building & Development (B&D) on February 4, 2016. Easement documents are being prepared for LCPS review for a sanitary sewer easement onto Park View HS. In the next quarter, an Invitation for Bid (IFB) will be finalized to bid the procurement and construction of the restroom and concession building along with buildings at two other PRCS parks. Upon award, DTCI will work with the successful contractor to develop a construction schedule to complete the project.

- *Courts Phase III (February & March 2016)* – This project includes the design and construction of a new 92,000 square foot General District Courthouse, a new structured parking garage and renovation of the existing Courthouse for the expansion of Court services. In this quarter, on February 23, 2016, the Pennington Lot Rezoning application, Town Plan Amendment, and Proffer Amendment to the Church Street 1999 Rezoning were approved by the Leesburg Town Council. On March 21, 2016, the Town of Leesburg Board of Architectural Review approved the Certificates of Appropriateness for the new courthouse building design. Detailed design of the Pennington Lot parking garage is being finalized for issuance of an Invitation for Bid (IFB) in Summer 2016 and detailed design of the courthouse is moving forward.
- *Edgewater Street and Poland Road Intersection (January 2016)* – This project provides for the construction of a permanent roundabout at the intersection of Edgewater Street and Poland Road. This is a VDOT administered project. The project is currently in the design phase. The Preliminary Field Inspection was held on January 13, 2016. Based on comments, some adjustments to the layout are being made to reduce Right of Way impacts. The next milestone will be to hold a public hearing on the design elements of the project in Summer 2016 or to post a willingness to hold a public hearing. VDOT reports project is on schedule for construction advertisement in May 2017.
- *Lucketts Fire & Rescue Station Replacement (March 2016)* – This project designs, constructs, and acquires land for a new 18,000 square foot Fire & Rescue station in the Lucketts area to replace the Lucketts Volunteer Fire & Rescue station that has inadequate facilities to accommodate personnel and fire apparatus. In this quarter, settlement was held on March 31, 2016 to acquire the land for the replacement fire & rescue station. In the next quarter, a Purchase Order will be issued to a task order design consultant to begin design of the replacement station.
- *Mooreview Parkway (January 2016)* – This project constructs the segment of Mooreview Parkway between Croson Lane and Old Ryan Road. This segment is an important link for access to Moorefield Station Elementary School, Moorefield Community Park and the future Metro-Rail Station. On January 21, 2016, the Board of Supervisors approved an agreement with Atapco Properties for Atapco to construct the Old Ryan Road portion of the project. The agreement was executed and a kick off meeting with Atapco was held. William A. Hazel, Inc. will construct the work for Atapco within a planned 12 month

construction duration. Additionally, discussions with Columbia Gas continued for relocation of two gas transmission lines. On March 17, 2016, the Board approved the Columbia Gas agreement and the supplemental funding required. In the next quarter, the agreement with Columbia Gas will be executed beginning the six (6) month duration of utility relocation work. The Invitation for Bid (IFB) will be updated and planned for issuance following the start of Columbia Gas' relocation. Assuming no delays with Columbia Gas' relocation work, a late Winter 2017 construction start is planned for the road construction. A 12 month construction duration is planned thus delaying construction completion to Winter 2018, weather pending.

- *Pleasant Valley Drive and Braddock Road Intersection (March 2016)* – This project designs and constructs a roundabout at the intersection of Pleasant Valley Drive and Braddock Road in Fairfax County. This project is a VDOT Administered project awarded to the design-build team of WBCM/Fort Myer Construction. The project is proceeding through Right of Way (ROW) and construction simultaneously. In this quarter, ROW acquisition was completed. NOVEC has completed relocation of their infrastructure. Verizon has completed relocating their cables to the temporary poles. Removal of old poles began early March 2016. In the next quarter, final surface paving is planned and per VDOT staff, the project is on schedule for completion in late May 2016.
- *Route 7/Ashburn Village Boulevard Interchange (March 2016)* – This project provides cash proffers to the developer of One Loudoun to off-set the costs of utility relocation, storm water management, wetlands mitigation, permitting costs and traffic management plans at the intersection of Route 7 and Ashburn Village Boulevard. In this quarter, all Right of Way acquisition was completed for the project. Also this quarter, silt fence has been installed and Howard Hughes Medical Institute has been removing an old barn structure. Construction will actively commence in the next quarter. Construction completion is planned for Summer 2018.
- *Route 772 Connector Bridge (March 2016)* – This project funds the design of the Route 772 Connector Bridge which connects Croson Lane on the western side of the Greenway to Shellhorn Road on the eastern side of the Greenway. The bridge is an integral connection to provide access to the planned parking garages for the Dulles Metrorail Station. In this quarter, final addenda were issued for the design-build Request for Proposals (RFP) to the two short-listed teams and final proposals were received on March 15, 2016. The final proposals were evaluated by the Proposal Analysis Group (PAG). In the next quarter, the contract award will be presented for Board of Supervisor's approval, the contract will be executed and a kick off meeting will be planned. Construction completion is planned for Winter 2018.
- *Round Hill to Franklin Park Trail (January 2016)* – This project constructs sidewalks along East Loudoun Street in the Town of Round Hill and a mixed use trail from the Lake Point subdivision into Franklin Park to provide pedestrian and bicycle connectivity between the town and the park. In this quarter, design plans were approved by Building & Development (B&D) on January 29, 2016. In the next quarter, land acquisition will

continue to obtain easements and Right of Way needed to develop the sidewalks and trail with planned completion of the Land Acquisition Phase in Fall 2016.

- *Sterling Area Sidewalks (March 2016)* – This project designs and constructs sidewalk improvements along Greenthorn Avenue, Sugarland Road, and Woodson Drive in the Sterling area to enhance pedestrian connectivity between residential areas and activity centers to include shopping areas and public spaces. In this quarter, design plans for the Greenthorn Avenue sidewalk were approved by Building & Development (B&D) on March 14, 2016 and the design plans for the Sugarland Road and Woodson Drive sidewalks were approved by B&D on March 18, 2016. Land acquisition continues to obtain easements and right of way needed to construct the sidewalks.
- *Tall Cedars Parkway and Poland Road Intersection (March 2016)* – This project includes the installation of a new traffic signal and a westbound turn-lane on Tall Cedars Parkway to southbound Poland Road. The Traffic Signal Plan was approved by VDOT on February 10, 2014, and re-approved on May 14, 2015 as signal plan approval is valid for one year. The Construction Plan and Profiles (CPAP) was approved on April 18, 2014. In this quarter, the Invitation for Bid (IFB) was issued and construction bids were received on March 8, 2016. In the next quarter, the contract award for construction will be presented to the Board of Supervisors for approval, the contract will be executed and a kick off meeting is planned. The planned construction duration is 6 months. This project was previously planned for completion in Summer 2016 and is now anticipated for Fall 2016 based on the revised construction timeline.
- *Trailside Park Restrooms (February 2016)* – This project funds the installation of a pre-manufactured public restroom building at Trailside Park. In this quarter, the Site Plan Amendment for the restroom was approved by Building & Development (B&D) on February 4, 2016. In the next quarter, an Invitation for Bid (IFB) will be finalized to bid the procurement and construction of the restroom along with buildings at two other PRCS parks. Upon award, DTCI will work with the successful contractor to develop a construction schedule to complete the project.
- *Waxpool Road at Pacific and Broderick (February & March 2016)* – This project provides for intersection improvements at the Waxpool Road intersections with Pacific Boulevard and with Broderick Drive. In this quarter, VDOT provided Right of Way authorization on February 10, 2016 and approved the design plans on March 16, 2016. Land acquisition is ongoing and arrangements are being made with utility providers to begin utility relocation work.
- *Willisville Community Wastewater System (March 2016)* – This project funds the extension of wastewater treatment service to three properties in the Willisville community with failing septic systems. The three properties will be connected to the Willisville Community Wastewater Treatment Facility operated by Loudoun Water (LW). The Department of General Services continues to coordinate with LW to complete the extension of wastewater infrastructure to the three identified properties. LW, as per the Service Agreement,

manages the project. In this quarter, construction and abandonment permits were obtained from the Health Department and the Notice of Award was issued to the contractor. On February 11, 2016 the Finance/Government Operations and Economic Development Committee (FGOEDC) recommended that the Board of Supervisors (Board) approve a supplemental appropriation to complete the Willisville Wastewater Project. On February 18, 2016 the Board approved additional funding in the amount of \$100,000. Staff held a construction kick-off meeting with LW on March 14, 2016. In the next quarter, LW expects to secure VDOT entrance permits, review and approve product submittals, and begin construction.

PROJECTS DELAYED: Projects delays are induced into a project schedule due to a variety of issues, many of which are unforeseeable or beyond control of the County staff or County Government. The following projects are delayed, pending final determinations of the particular issue causing the delay:

- *Athletic Field Improvements* – This project funds turf and irrigation upgrades to 25 athletic fields at elementary and middle school sites throughout the County to improve playing field conditions. In this quarter, renovation work started on the Countryside Elementary School field. In the next quarter, renovation work will be completed at Countryside Elementary School and work will begin on the Arcola Elementary School fields. Fields at the last two remaining schools, Arcola and Liberty Elementary Schools will be renovated in Summer 2016 and Fall 2016, respectively. Since a well cannot be installed at Blue Ridge Middle School, a request will be made to move funds to another school. These are the last of the 25 field renovations funded as part of this project. Since there will be no irrigation at Liberty Elementary School, the renovation work cannot occur until Fall 2016 in order to preserve the field. Therefore, expected project completion has shifted from Summer 2016 to Fall 2016.
- *E.E. Lake Store* – This projects converts the EE Lake General Store into a Bluemont Area Welcome Center. The Bluemont Citizens Association in partnership with the Loudoun County PRCS will open the center to the public providing hikers and bikers a rest stop. The project adds public restroom facilities to the building. An Invitation for Bid (IFB) was issued and no bids were received on December 10, 2015. This project is funded using federal Moving Ahead for Progress in the 21st Century (MAP-21) funding. The construction industry may view this project as being too small and not yielding sufficient profit margin based on the federal requirements. In this quarter, the IFB was updated and re-issued for bid on March 8, 2016. In the next quarter, bids will be received and reviewed by VDOT as required by the project's MAP-21 funding and a contract will be awarded. A nine (9) month construction duration is planned. This project was previously reported with construction completion in Fall 2016, however based on the receipt of no bids with the initial IFB and the re-issuance of the IFB in March 2016 and VDOT review of the bids upon receipt, construction is planned for completion in Spring 2017.
- *Fire & Rescue Training Prop Lots* – This project designs and constructs training props to simulate a range of fire and rescue emergency situations to train staff. In this quarter, there

was no additional work on the project as final notification from Washington Metropolitan Area Transit Authority (WMATA) is pending. The County awaits notification from WMATA of rail car availability as the project is now within the delivery timeframe identified by WMATA. The original delivery window was targeted for Fall/Winter 2015.

- *Lovettsville District Park* – This project provides for the design and construction of a District Park to serve the Lovettsville area on a 91-acre County-owned site. The park will contain seven athletic fields, restrooms, concessions, maintenance facilities and an equestrian area. Resolution of operational details with the Town of Lovettsville are still outstanding regarding the park water and sewer system which requires a Water and Sewer Agreement with the Town. Outstanding Building & Development (B&D) Site Plan comments are also in the process of being resolved. The time needed to resolve these issues will delay the completion of the park design from Winter 2016 to Spring 2016. As previously reported, the estimated construction cost exceeds the current budget. To deal with project budget shortfall, park construction will be broken into two phases. Phase 1 of the park development will involve construction of the access road through the park, installation of utilities, and construction of three (3) athletic fields using current funding. Phase 2 of the park development will involve construction of the remaining improvements in a future year when funds become available.
- *Mooreview Parkway* – This project constructs the segment of Mooreview Parkway between Croson Lane and Old Ryan Road. This segment is an important link for access to Moorefield Station Elementary School, Moorefield Community Park and the future Metro-Rail Station. On January 21, 2016, the Board of Supervisors approved an agreement with Atapco Properties for Atapco to construct the Old Ryan Road portion of the project. The agreement was executed and a kick off meeting with Atapco was held. William A. Hazel, Inc. will construct the work for Atapco within a planned 12 month construction duration. Additionally, discussions with Columbia Gas continued for relocation of two gas transmission lines. On March 17, 2016, the Board approved the Columbia Gas agreement and the supplemental funding required. In the next quarter, the agreement with Columbia Gas will be executed beginning the six (6) month duration of utility relocation work. The Invitation for Bid (IFB) will be updated and planned for issuance following the start of Columbia Gas' relocation. Assuming no delays with Columbia Gas' relocation work, a late Winter 2017 construction start is planned for the road construction. A 12 month construction duration is planned thus delaying construction completion to Winter 2018, weather pending.
- *Public Safety Firing Range* – This project designs and constructs an approximately 65,000 square foot County owned indoor firing range intended to replace the use of a leased outdoor range located off Route 50 in eastern Loudoun County. At its December 9, 2015 Public Hearing, the Board of Supervisors approved the Special Exception (SPEX) for the facility. As part of the SPEX approval conditions, a left turn lane from southbound Evergreen Mill Road onto eastbound Shreve Mill Road must be constructed. The time needed to design and acquire land for the left turn lane has delayed the completion of the design phase from Spring 2016 to Fall 2016.

- *Round Hill to Franklin Park Trail* – This project constructs sidewalks along East Loudoun Street in the Town of Round Hill and a shared use trail from the Lake Point subdivision into Franklin Park to provide pedestrian and bicycle connectivity between the town and the park. Additional time is required to obtain the 29 easements and Right of Way dedications needed. The completion of land acquisition has moved from Spring 2016 to Fall 2016.
- *Route 606 Widening* – This project provides funding for preliminary engineering, design and construction of two additional lanes to widen Route 606 to four lanes from Evergreen Mills Road to the Dulles Greenway. This project is a joint partnership between Loudoun County, MWAA and VDOT to jointly fund the improvements. This is a VDOT Administered design-build contract awarded to the Dewberry/Shirley Contracting team. Construction commenced in September 2015 with clearing. Work on the foundations for the bridge over Horsepen Lake spillway continues. Clearing has occurred throughout the project area. Blasting is underway in the area of Route 606 between Evergreen Mill Road and the Greenway from February 23, 2016 to late March 2016 to remove rock in the area needed for the installation of drainage features. The overall project completion date for the project has been delayed as a result of numerous setbacks from regulatory agencies, Right of Way, and utilities. VDOT and the design/build team are working together to finalize the revised project schedule, which has the following tentative milestone completions: one lane of Route 606/Loudoun County Parkway intersection is scheduled to open in September 2017; two lanes to open by December 2017; two lanes of Route 606 between the Greenway and Commerce Center Court will open in December 2017; and the remainder of the road improvements completed August 2018. In the next quarter, open space easement vacation will be processed for Loudoun Valley Estates III and construction will continue on portions of the road that are currently under construction.
- *Russell Branch Parkway – Ashburn Road to Ashburn Village Boulevard* – This project constructs the missing segment of Russell Branch Parkway between Ashburn Road and Ashburn Village Boulevard. William A Hazel, Inc. was awarded the contract for construction in January 2015 and work is ongoing. In this quarter, underdrain work continued, however, the project was impacted by weather and required design changes resulting in extended contract time. The contractor was awarded 26 weather days in this quarter. In the next quarter, fine grading (including fill at the medians) will occur, paving will continue and traffic signal activities will begin. Construction completion has been delayed from Spring 2016 to Summer 2016 based on weather impacts and additional contract time due to approved changes.
- *Tall Cedars Parkway – Pinebrook Road to Gum Spring Road* - This project designs and constructs the missing four-lane segment of Tall Cedars Parkway between Pinebrook Road and Gum Spring Road. Construction phase completion has been delayed from Fall 2017 to Winter 2018 while the County Attorney's Office finalizes acquisition of one remaining section of Right of Way. Acquisition of the remaining Right of Way is anticipated by April 2016. In the next quarter, an Invitation for Bid (IFB) will be issued for construction of the road in April 2016 with bids being received in May 2016.

- *Tall Cedars Parkway and Poland Road Intersection (March 2016)* – This project includes the installation of a new traffic signal and a westbound turn-lane on Tall Cedars Parkway to southbound Poland Road. Traffic Signal Plan was approved by VDOT on February 10, 2014, and re-approved on May 14, 2015. The Construction Plan and Profiles (CPAP) was approved on April 18, 2014. In this quarter, the Invitation for Bid (IFB) was issued and construction bids were received on March 8, 2016. In the next quarter, the contract award for construction will be presented to the Board of Supervisors for approval, the contract will be executed and a kick off meeting is planned. The planned construction duration is 6 months. This project was previously planned for completion in Summer 2016 and is now anticipated for Fall 2016 based on the planned construction timeline.
- *Western Loudoun Sheriff Station* – This project designs and constructs an 8,700 square foot Sheriff Station on a county-owned site adjacent to the Town of Round Hill to serve western Loudoun County. A contract was awarded to Lantz Construction Company of Winchester Inc. in Winter 2015 and work is ongoing. In this quarter, finishes installation continued including millwork, fence installation and commissioning activities began. The contractor was awarded 7 weather days in this quarter. In the next quarter, systems start up and commissioning will be underway, landscaping installation, final sitework and paving will occur and training and punchlist will begin. Construction completion has been delayed from Spring 2016 to Summer 2016 based on weather impacts and additional contract time due to equipment failure of a key HVAC component caused by the impact of the January 2016 blizzard.

PROJECTS REQUIRING SUPPLEMENTAL FUNDING: Four projects require supplemental funding.

- *Brambleton District Park West* – This project designs and constructs a District Park which will consist of nine athletic fields on approximately 26 acres east and 33 acres west of Belmont Ridge Road (Route 659) in the Brambleton community. The western portion of the park is located in the Dulles District. The eastern portion of the park, located in the Blue Ridge District, was completed this quarter. The funding for the two portions of the park are in one project, however, the funding sources are split by the districts. In October 2015, the construction contract award was approved for the western portion of the park. The single bid received was above the project budget for the western portion of the park. Supplemental funding is required to cover additional construction contingency necessary due to the larger construction contract value and unforeseen field conditions encountered in construction including unsuitable soils and rock as well as additional coordination required with the park's existing irrigation system. Staff is reviewing available proffer funds to fulfill this supplemental funding request and will prepare an item for the Board to review in Spring 2016.
- *Moorefield Station Community Park* – This project develops a community park co-located on the same site as the Moorefield Station Elementary School. The community park will contain two rectangular fields, one diamond field, athletic field lighting, an internal trail

and sidewalk system, public restrooms, concessions, and associated parking. An initial survey of the site revealed a soil stockpile of approximately 63,000 yards left by the developer who conveyed the property to the County. The developer is no longer in business. The County Attorney's Office has reviewed the property conveyance documents and title information and has concluded the County will be responsible for relocating the stockpiled soil to develop the park. Since it is still early in the design phase, additional funding of approximately \$1,000,000 to relocate the soil stockpile will be included in the FY18 budget process.

- *Russell Branch Parkway – Ashburn Road to Ashburn Village Boulevard* –This project funds the design and construction for the missing segment of Russell Branch Parkway between Ashburn Road and Ashburn Village Boulevard. William A Hazel, Inc. was awarded the contract for construction in January 2015 and work is ongoing. The budget for the Russell Branch Parkway project totals \$6,012,373.93. To date, \$5,806,068.95 has been spent or encumbered on easement acquisition, design and construction, leaving a remaining balance of \$206,304.98. An item regarding an award authority increase for Rinker Design Associates, the design engineer of record, will be presented to the Finance/Government Operations and Economic Development Committee (FGOEDC) at its April 12, 2016 meeting which includes a supplemental funding request. The supplemental funding is required for additional services for 3rd party testing and inspections for the extended construction contract time and to provide the necessary contingency for the remainder of the construction contract duration.
- *Stone Ridge Park & Ride Lot* - This project funds the design and construction of a 300 space park and ride lot in the Stone Ridge community. Due to the presence of shallow rock and site topographic constraints, extensive earthwork is required to construct the lot. The estimated construction cost exceeds the project budget by approximately \$2,000,000. In the next quarter, an Invitation for Bid (IFB) will be advertised for the construction of the facility. Staff is reviewing available proffer funds to fulfill this supplemental funding need and will prepare an item for the Board to review in Spring 2016.

ISSUES: Five issues of concern warrant mention in this item, they are:

Project Related Correspondence: Periodically, during the previous quarter, staff provides capital project related information to the full Board to report on project status or give notice upon reaching a specific project milestone. Memoranda and email notices provided to the Board during the previous quarter are included as Attachment 2.

Debt Issuance Schedules and Information: As an enhancement to the Capital Improvements Project reports, staff has incorporated a debt section which provides an update on sales of debt (bonds) for financing active County capital projects in the CIP. This depiction will be available on a biannual basis and timed with the release of the Spring and Fall quarterly reports, which usually coincide with the Spring and Fall bond sales. The tables in Attachment 3 display the type

of debt financing and the sale amounts for the County capital projects included in the 3rd Quarter, FY 2016 Capital Improvement Projects Report.

It is important to note that this report does not illustrate the sales for the school division since this report is primarily focused on county government CIP projects; and it is not an appropriation (budget) schedule.

The tables group county government projects by functional area/category as they are shown in the Quarterly Capital Improvements Report. For each capital project, the debt sale information is provided including the type of financing (general obligation or lease revenue).

For general obligation bond financed projects, the referendum year is shown. The table also shows the amount of debt authorized, the amount of debt that has been issued, and the remaining amount of authorized but unissued debt on the project.

The tables will also show the fiscal year(s) in which the remaining authorized amount of debt was planned to be issued from the FY 2016 adopted debt schedule (April 2015); and how much was actually issued during FY 2016 (July 1, 2015-June 30, 2016), and the new projected debt issuance schedule beginning in FY 2017 upon adoption of the CIP in April 2016, as well as the variances. This table does not show appropriations.

Please note that debt issuance for projects is contingent upon project status, and resulting cash flow needs of these CIP projects. As such, the issuance of debt may vary from the schedule of financings included in the FY 2016 Adopted Budget (April 2015). Prior to any issuance of debt, the Department of Finance and Procurement meets with the Department of Transportation and Capital Infrastructure to review the status of projects and verify the amounts and timing of when the debt should be issued. The same discussion is held with the School Division prior to sales of bonds for their CIP projects.

Traffic Signal Project Process and Schedule: Traffic signal projects may seem to be a small and simple projects which should be completed in a relatively short timeframe. However, the process to complete studies, establish a funding source, prepare a design for regulatory agency review/approval, acquire Right of Way and construction can be lengthy. Attachment 4 provides a summary of the process for completion of a traffic signal project.

Land Acquisition Process: The County Attorney's Office and DTIC are working on revising the land acquisition process. The goal is to get appraisals and enter into option contracts with owners early in the design process. In addition, staff will begin the process for eminent domain in sufficient time to accommodate the start date for the procurement process. Even after a certificate of take is filed, staff will continue to work with property owners to reach an amicable settlement. The filing of the certificate assure ownership of property, but does not settle the compensation to be paid to the property owner. Staff anticipates that most eminent domain cases will be settled.

Summary of Capital Improvement Projects Completed: With each quarter's report, beginning in January 2016 with the Board of Supervisor's term, a list of completed projects will be provided. The list will include General Government and School Capital Improvement Projects and provide the total funding amount by category.

The following General Government and School Capital Improvement Projects have been completed since January 2016, at a total Capital Project Funding amount of \$4,277,314.

General Government (\$4,277,314)

1. Brambleton District Park – East
2. Franklin Park Rectangular Field Lighting Phase II
3. Mirror Ridge Group Residence

Schools

No School Capital Improvement Projects have been completed since January 2016.

ATTACHMENTS:

1. Capital Projects Quarterly Report
2. Correspondence to full Board on Capital Projects related information.
3. Debt Issuance Schedule Information
4. Normal and Customary Timeframe to Complete a Traffic Signal Project.

FY 2016 Jan-Feb-Mar

CAPITAL PROJECT
STATUS REPORT
ATTACHMENT 1

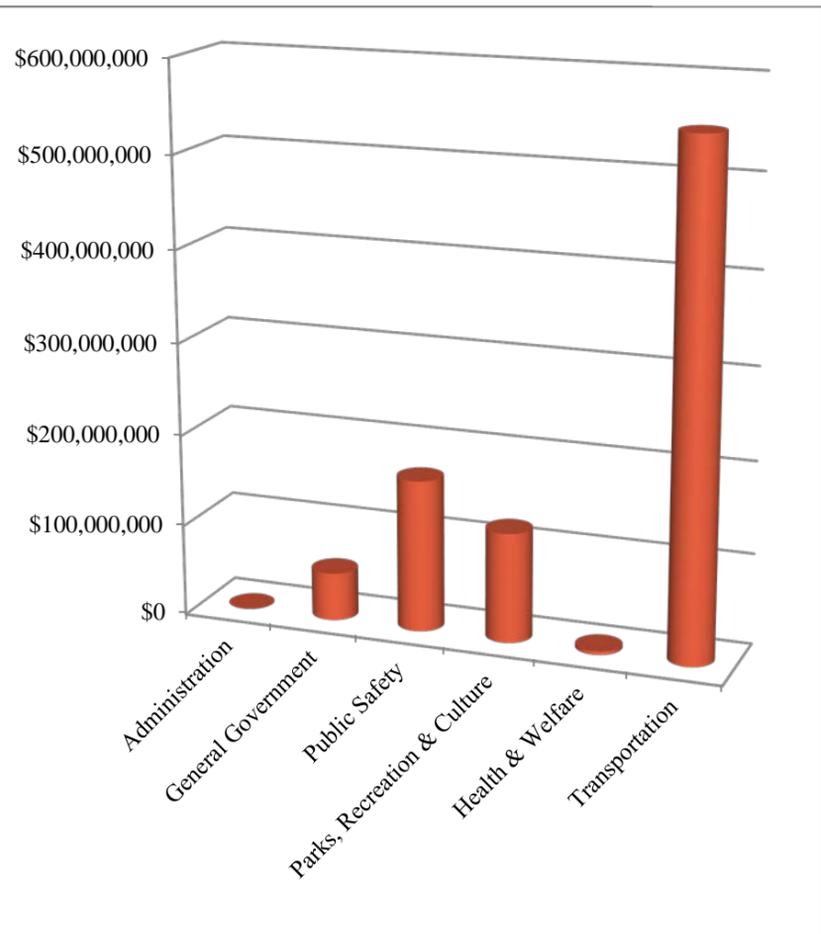


PROJECT INFORMATION

Project Report	CAPITAL IMPROVEMENT PROGRAM - CAPITAL PROJECT REPORT
Department Mission	The Department of Transportation & Capital Infrastructure implements the Board of Supervisors' vision and direction while protecting the County's interests and financial resources through planning, administration, management and coordination of transportation services and capital infrastructure projects. The Department manages all facets of the Capital Improvement Program in providing safe, functional, cost effective, energy efficient and environmentally sustainable facilities that serve the citizens and employees of Loudoun County. The Department ensures the County develops public facilities that meet or exceed all federal, state, and local codes and Board of Supervisors' policies.
Report Period	3rd Quarter FY 2016
Active Capital Project Budget Total	\$892,688,585
Department Director	Joe Kroboth, DTCI 703.771.5107 Joe.Kroboth@loudoun.gov
Capital Planning, Budget and Policy Division	Daniel Csizmar, DTCI 703.771.5997 Daniel.Csizmar@loudoun.gov
Capital Budget Analyst	Julie Crim, DTCI 703.737.8657 Julie.Crim@loudoun.gov
Capital Budget Analyst	Peter Malgieri, DTCI 703.737.8240 Peter.Malgieri@loudoun.gov
Capital Budget Accountant	Harvey Cornwell, DTCI 703.737.8901 Harvey.Cornwell@loudoun.gov

PROJECT BUDGET & SCHEDULE

Current Active Capital Budgets by Functional CIP Area	
Administration	\$0
General Government	\$52,867,950
Public Safety	\$166,509,265
Parks, Recreation & Culture	\$120,639,920
Health & Welfare	\$3,853,900
Transportation	\$548,817,550
Total Active CIP Budgets:	\$892,688,585
Total Active CIP Projects:	228



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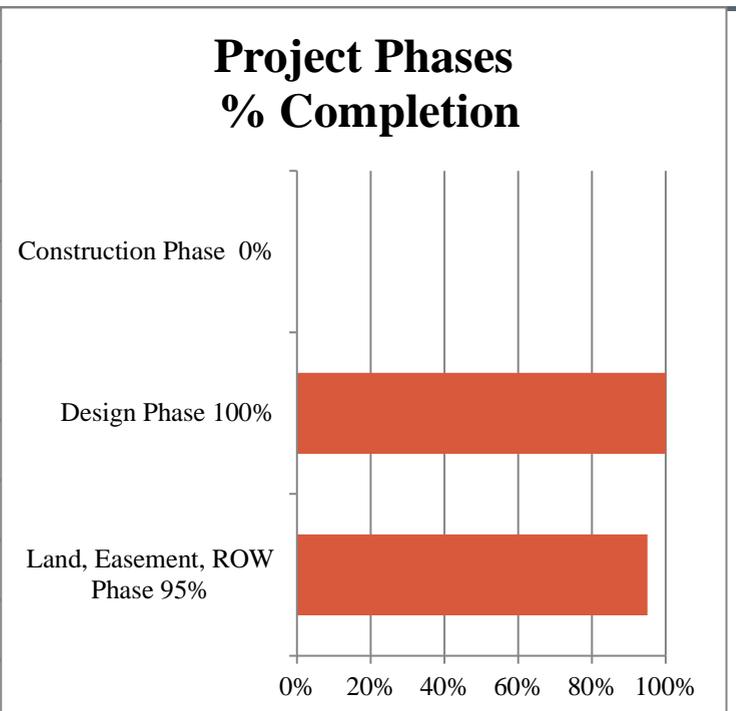


PROJECT INFORMATION

Project Name	ALLDER SCHOOL ROAD IMPROVEMENTS
Project Description	The project designs and paves Allder School Road (Route 711) from Woodgrove Road (Route 719) to Hillsboro Road (Route 690). The scope includes a bridge over the South Fork of the Catoclin Creek.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Kent Marris, DTCI 571.258.3182 Kent.Marris@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,135,400
Construction	\$6,809,150
FFE	\$0
Land	\$451,000
Proffered Land	\$0
Total Project Cost:	\$8,395,550
Project Phase Progress:	
Land, Easement, ROW Phase	95%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
ROW/Land Acquisition Phase Completion:	Spring/Summer 2016
Project Revenue(s)	
Lease Revenue Financing	\$6,617,000
Local Tax Funding	\$1,778,550
Total Revenue	\$8,395,550



Project Status Update:

As of this report, 19 of the 20 needed easements are finalized and recorded with the remaining easement requiring mortgage and trustee signatures. It is anticipated the remaining easement will be recorded within the next quarter. In this quarter, deeds were updated to secure mortgage company sign-off of the remaining easements and one of the remaining two easements was recorded on March 24, 2016. Dominion Power and Verizon updated their relocation cost estimates and their purchase orders were updated to reflect the current costs. Tree clearing to facilitate utility relocation started on March 9, 2016 with completion anticipated on May 4, 2016. In the next quarter, tree clearing will continue in preparation for utility relocation work. Utility relocation work is anticipated to begin Summer 2016. The Invitation for Bid (IFB) for road construction will be issued in Fall 2016 so road construction can begin after the utilities are relocated.

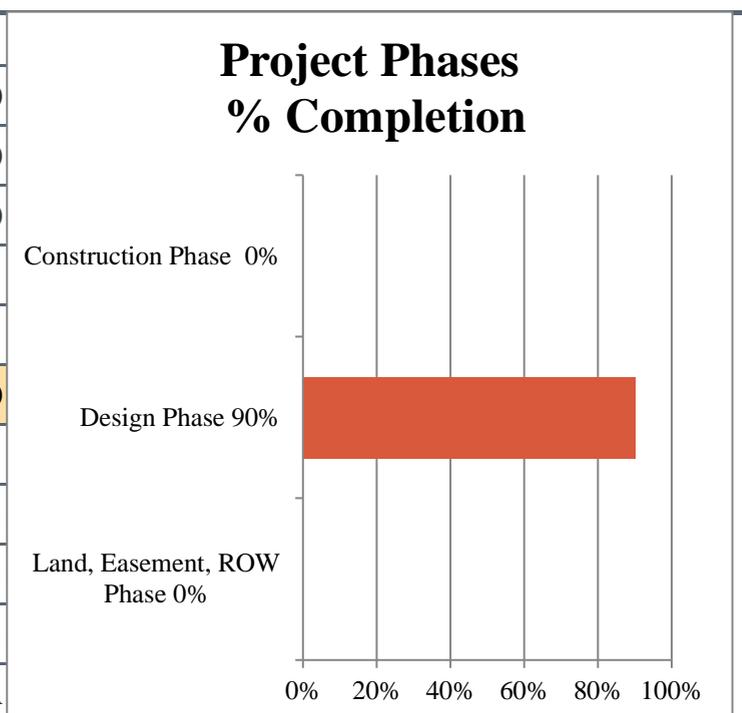


PROJECT INFORMATION

Project Name	BELMONT RIDGE ROAD IMPROVEMENTS - GLOUCESTER TO HAY
Project Description	This project provides for VDOT to administer a design-build project for the widening of Belmont Ridge Road from Gloucester Parkway to Hay Road from two lanes to a four lane divided road section. The project includes a bridge over the W&OD trail.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Ashburn
Supervisor	Buona

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$2,100,000
Design/Build	\$45,915,800
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$48,015,800
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	90%
Construction Phase	0%
FFE Phase	N/A
Design/Build Completion:	Fall 2018
Project Revenue(s)	
General Obligation Bonds	\$2,100,000
Local Tax Funding	\$13,000,000
Revenue Sharing	\$1,831,400
Cash Proffers	\$279,000
NVTA 2014 70% Regional Funds	\$20,000,000
NVTA 2014 30% Local Funds	\$10,805,400
Total Revenue	\$48,015,800



Project Status Update:

This is a VDOT Administered design-build project awarded to the Dewberry/Shirley Contracting team. The project is in the design phase and 90% roadway plans are being reviewed. Right of Way (ROW) plans were filed with VDOT in December, 2015. The plan has been reviewed by VDOT and comments were sent to Dewberry. Responses were submitted and are under review by VDOT with approval expected in April 2016. After approval of ROW plan, the design/build team will be given notice to proceed with making offers. The project team continues to work with property owners along the corridor to coordinate ROW and roadway improvements. Final project completion remains December 2018.

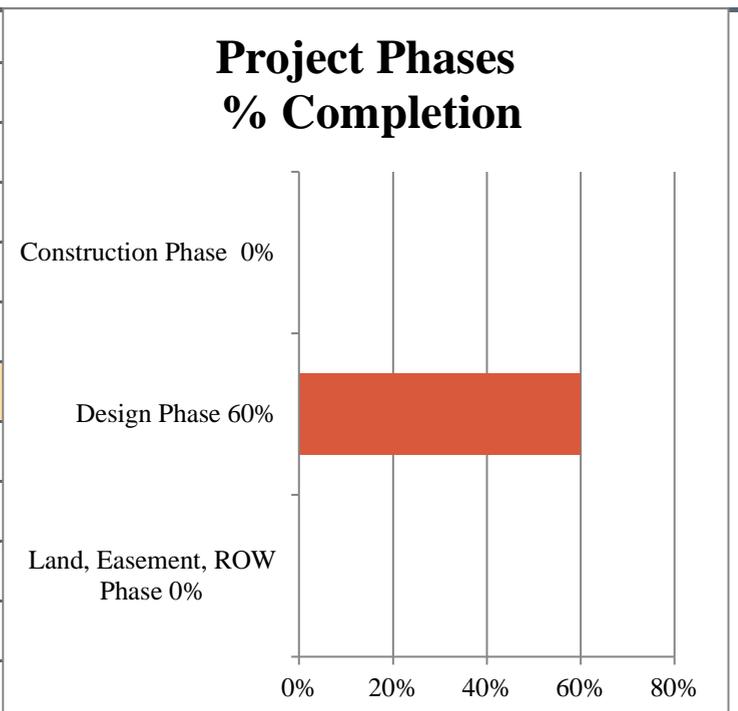


PROJECT INFORMATION

Project Name	BELMONT RIDGE ROAD IMPROVEMENTS TRURO PARISH TO CROSON
Project Description	This project provides for the design and construction of two additional lanes to Belmont Ridge Road from Truro Parish Drive to Croson Lane.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Broad Run, Blue Ridge, Dulles
Supervisor	Meyer, Buffington, Letourneau

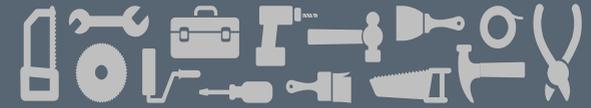
PROJECT BUDGET & SCHEDULE

Budget	
Design	\$2,229,900
Construction	\$18,933,100
FFE	\$0
Land	\$1,700,000
Proffered Land	\$0
Total Project Cost:	\$22,863,000
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	60%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Fall 2016
Project Revenue(s)	
GO Bonds	\$1,080,000
Local Tax Funding	\$1,000,000
Cash Proffers	\$1,283,000
NVTA 70% (Regional)	\$19,500,000
Total Revenue	\$22,863,000



Project Status Update:

In addition to road improvements, this project includes the installation of a traffic signal at the Belmont Ridge Road/Croson Lane intersection. Since the signal design is complete and approved by VDOT, the signal will be constructed ahead of the road improvements. In this quarter, DTCI staff and the design consultant, Dewberry, continue to coordinate utility relocation design with Dominion Power and Verizon. Dewberry is also addressing comments received from VDOT and Building & Development on the 60% design plans. DTCI staff and Dewberry continue to communicate with affected HOAs on design issues and to discuss land acquisition needs. Signal construction bids were received on March 8, 2016. In the next quarter, the design will continue toward 100%, utility relocation coordination will continue, land acquisition discussions will continue with affected property owners, and the Belmont Ridge Road/Croson Lane signal construction contract will be awarded. The signal construction duration is planned for six months.

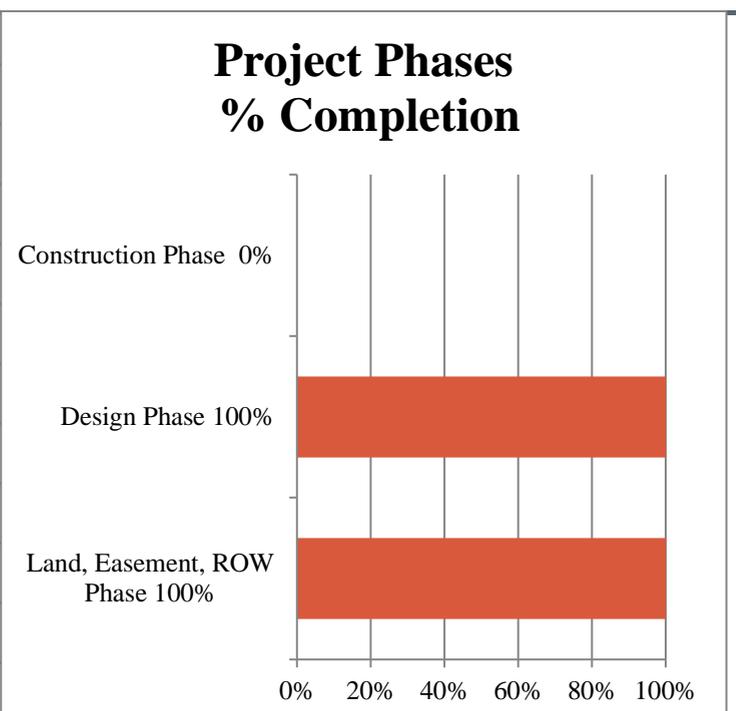


PROJECT INFORMATION

Project Name	CLAIBORNE PARKWAY
Project Description	This project constructs Claiborne Parkway as a four lane median divided road between Ryan Road and Croson Lane.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Gary Pozzouli, DTCI 571.258.3380 Gary.Pozzouli@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$660,800
Construction	\$6,967,850
FFE	\$0
Land	\$156,750
Proffered Land	\$0
Total Project Cost:	\$7,785,400
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Completion:	Winter 2017
Project Revenue(s)	
State Revenue Sharing	\$3,400,000
Gas Tax	\$3,400,000
Cash Proffers	\$985,450
Total Revenue	\$7,785,450



Project Status Update:

In this quarter, the draft Invitation for Bid (IFB) for construction was finalized by DTCI, Procurement and the County Attorney's Office and the Preliminary Engineering Study agreement with Columbia Gas was finalized. Next quarter, the Columbia Gas study will be delivered for County review. Pending the results of the Columbia Gas study, the construction documents for the project will be finalized for construction bid advertisement. A 16 month construction duration is planned.

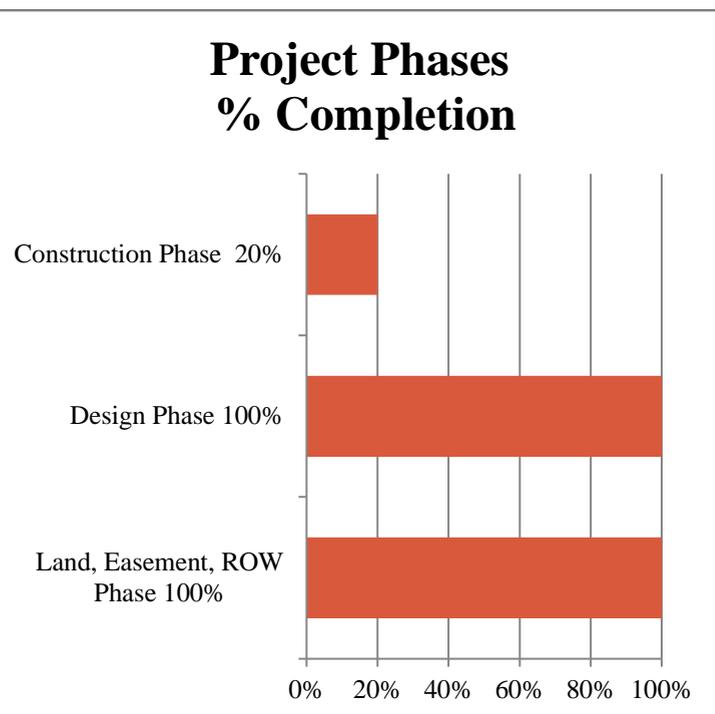


PROJECT INFORMATION

Project Name	CROSON LANE - OLD RYAN ROAD TO ROUTE 772 METRO STATION
Project Description	This project provides for the construction of Croson Lane from Old Ryan Road to the future Route 772 Metro Station. The road will be designed and constructed to VDOT standards and will become part of the VDOT system for maintenance.
Project Type	Roads & Bridges
Project Phase Funding	Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	McKinley Jones, DTCI 571.258.3611 McKinley.Jones@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$433,600
Construction	\$5,219,900
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$5,653,500
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 20%	20%
FFE Phase	N/A
Construction Phase Completion:	Spring 2017
Project Revenue(s)	
Local Tax Funding	\$200,000
Local Tax Funding-Roads	\$600,000
Cash Proffers	\$4,853,500
Total Revenue	\$5,653,500



Project Status Update:

William A. Hazel, Inc. began construction in December 2015. In this quarter, the contractor mobilized onsite, began Erosion & Sediment (E&S) measures, clearing, grading and blasting for earthwork were underway. The contractor was awarded 17 weather days in this quarter. In the next quarter, earthwork will continue and underground utility work will begin. Construction completion is anticipated for Spring 2017.

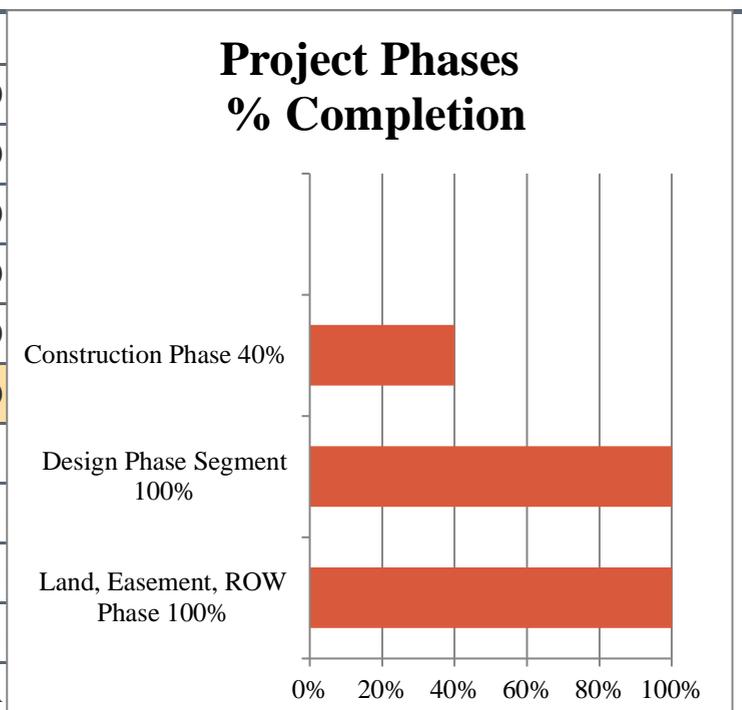


PROJECT INFORMATION

Project Name	CROSSTRAIL BOULEVARD - SEGMENT A2
Project Description	The project entails the design and construction of Crosstrail Boulevard Segment A2. Segment A2 is from Claudia Drive to Sycolin Road. Crosstrail Boulevard is proposed as a four lane divided highway.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Kent Marrs, DTCI 571.258.3182 Kent.Marrs@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget*	
Design	\$3,037,950
Construction	\$15,371,550
FFE	\$0
Land	\$1,349,000
Proffered Land	\$0
Total Project Cost:	\$19,758,500
Project Phase Progress:	
Land, Easement, ROW Phase	100%
Design Phase Segment	100%
Construction Phase	40%
FFE Phase	N/A
Construction Completion:	Summer 2018
Project Revenue(s)*	
Lease Revenue Financing	\$18,164,000
NVTA 70% Local Funds	\$1,594,500
Revenue Total	\$19,758,500



Project Status Update:

Fort Myer Construction Corporation began construction in June 2015. In this quarter, blasting for excavation and storm water pipe work activities continued. Installation of storm structures follows earthwork in areas as they are available, progressing generally from the Segment A1 area toward Sycolin Road. Concurrently, final close out of the work on the Segment A1 nears completion by Branch Highways, Inc. In the next quarter, blasting and mass excavation will continue throughout this first year of construction. Construction completion is anticipated for Summer 2018.

*Design budget for Segment A2 was funded in Segment A1.

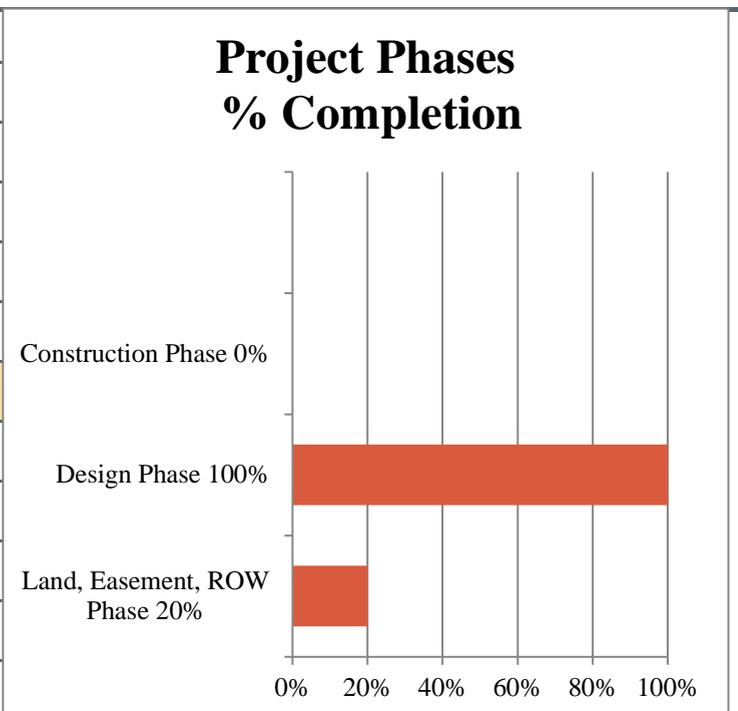


PROJECT INFORMATION

Project Name	CROSSTRAIL BOULEVARD - SEGMENT B
Project Description	The project entails the design and construction of Crosstrail Boulevard Segment B. Segment B is from Kincaid Boulevard to Russell Branch Parkway. Crosstrail Boulevard is proposed as a four lane divided highway. Appropriations for Right of Way (ROW) acquisition are planned in FY 2017 with construction appropriations in FY 2019.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget*	
Design	\$0
Construction	\$0
FFE	\$0
Land	\$0
Profferd Land	\$0
Total Project Cost:	\$0
Project Phase Progress:	
Land, Easement, ROW Phase 20%	20%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Land Acquisition Phase Completion:	Summer/Fall 2016
Project Revenue(s)*	
Lease Revenue Financing	\$0
Local Tax Funding	\$0
Revenue Total	\$0



Project Status Update:

A Memorandum of Agreement (MOA) between the Tuscarora Crossing applicant, Hunter Lee Center and the Loudoun County Zoning Administrator outlines Hunter Lee Center's proffer obligation to acquire Right of Way (ROW) for this section of Crosstrail Boulevard. The MOA states Hunter Lee Center will attempt to acquire ROW for six months following the approval of the road plans or until September 1, 2016, whichever comes first. In this quarter, DTCI staff and the design consultant, Dewberry, continued to work with the Town of Leesburg to get the 100% road plans approved. VDOT and Building & Development (B&D) have approved the 100% road plans. In the next quarter approval of the 100% plans by the Town is anticipated and Hunter Lee Center will pursue off site access.

*Design budget for Segment B was funded in Segment A1.

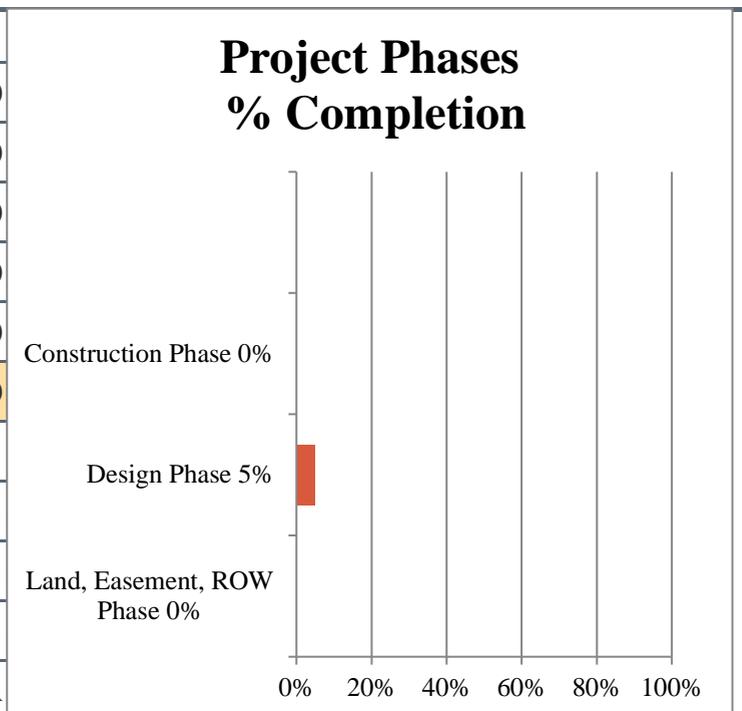


PROJECT INFORMATION

Project Name	FARMWELL ROAD WIDENING - SMITH SWITCH TO ASHBURN ROAD
Project Description	This project provides for the design, Right of Way (ROW) acquisition and widening of Farmwell Road from Smith Switch to Ashburn Road. The project will widen the existing road to a six-lane urban major collector.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Bruce Thornberry, DTCI 703-737-8821 Bruce.Thornberry@loudoun.gov
Election District	Ashburn, Broad Run
Supervisor	Buona, Meyer

PROJECT BUDGET & SCHEDULE

Budget*	
Design	\$2,468,850
Construction	\$5,145,150
FFE	\$0
Land	\$250,000
Proffered Land	\$0
Total Project Cost:	\$7,864,000
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design Phase 5%	5%
Construction Phase 0%	0%
FFE Phase	N/A
Design Phase Completion:	Winter 2018
Project Revenue(s)*	
Revenue Sharing	\$3,500,000
NVTA 30% (Local)	\$3,500,000
Cash Proffers	\$864,000
Revenue Total	\$7,864,000



Project Status Update:

In this quarter, the design consultant, Wallace Montgomery, developed a design schedule, initiated the road corridor survey, and initiated environmental assessments. At its March 17, 2016 business meeting, the Board of Supervisors directed DTCI staff to evaluate the intersection of Estate Place and Farmwell Road for safety concerns and come back to the Board with suggested recommendations. The intersection evaluation will be integrated into the project. In the next quarter, Wallace Montgomery will finalize the survey work, will begin underground utility locating, start road design efforts, and begin the intersection analysis of Estate Place and Farmwell Road.

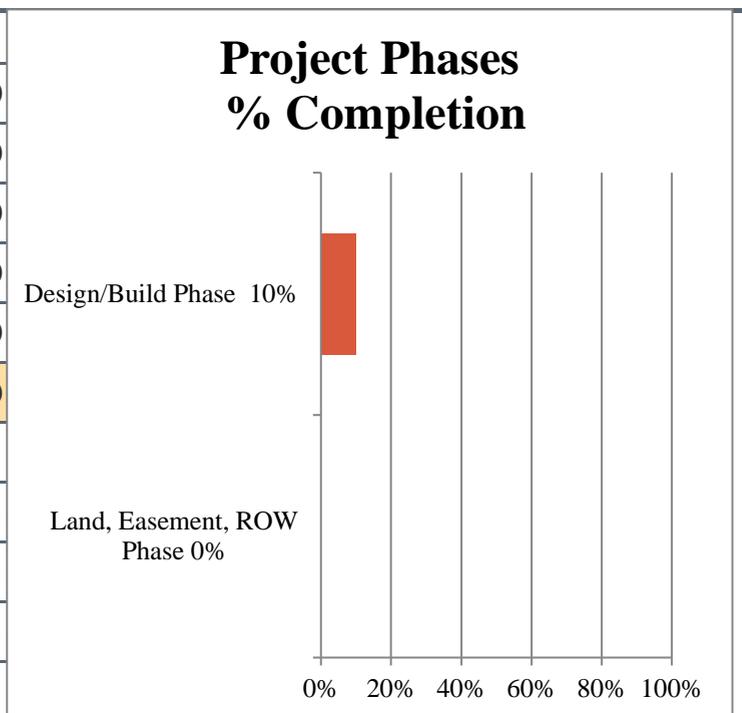


PROJECT INFORMATION

Project Name	GEORGE WASHINGTON BOULEVARD OVERPASS
Project Description	This project provides for the design, Right of Way (ROW) acquisition and construction of George Washington Boulevard over Harry Byrd Highway (Route 7) with connection to Russell Branch Parkway south of Route 7. VDOT will administer the design and construction of this project.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Algonkian, Broad Run
Supervisor	Volpe, Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$1,367,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$1,367,000
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design/Build Phase 10%	10%
Construction Phase 0%	0%
Design Phase Completion:	Fall 2018
Project Revenue(s)	
RSTP Grant	\$1,367,000
Total Revenue	\$1,367,000



Project Status Update:

This is a Virginia Department of Transportation (VDOT) administered design-build project. The project is in the design phase and the design is 30% complete. The next milestone is for VDOT to hold the Preliminary Field Inspection which is planned for mid-April 2016 at an upcoming VDOT project day meeting. Preliminary Field Inspection plans were distributed the week of March 10, 2016. The value engineering study is scheduled for April 12 and 13, 2016. The construction advertisement date remains April 2019 based on funding.

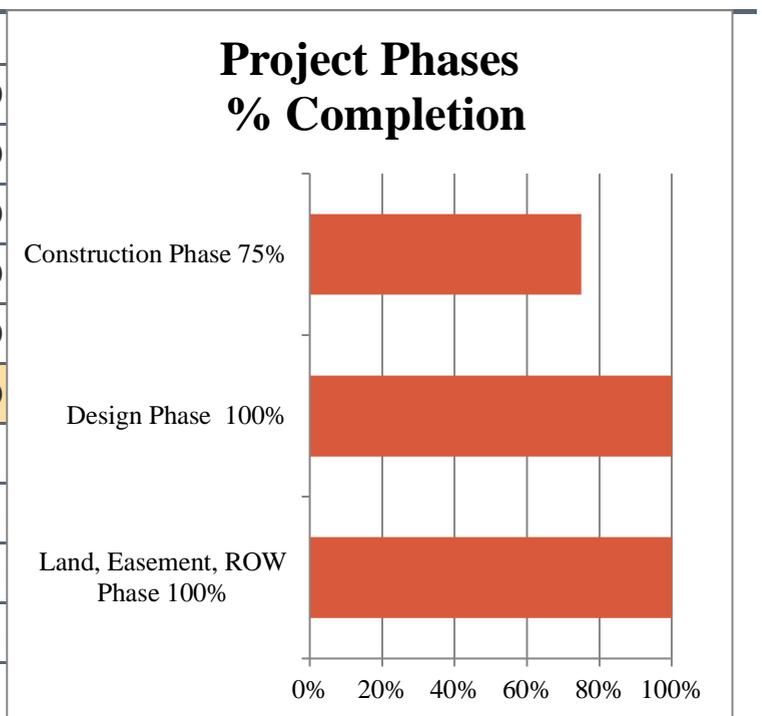


PROJECT INFORMATION

Project Name	GLOUCESTER PARKWAY
Project Description	This project designs and constructs a four-lane missing link of Gloucester Parkway between Loudoun County Parkway and Pacific Boulevard. This project is being administered by VDOT as a design-build project.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$40,000,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$40,000,000
Project Phase Progress:	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	75%
Construction Phase Completion: Summer 2016	
Project Revenue(s)	
Local Tax Funding	\$40,000,000
Total Revenue \$40,000,000	



Project Status Update:
 This is a VDOT Administered project awarded to the design-build team of Dewberry/Shirley Contracting. Construction work is underway and is 75% complete. The bridge deck pours are 80% complete. The project completion is on scheduled for August 2016.

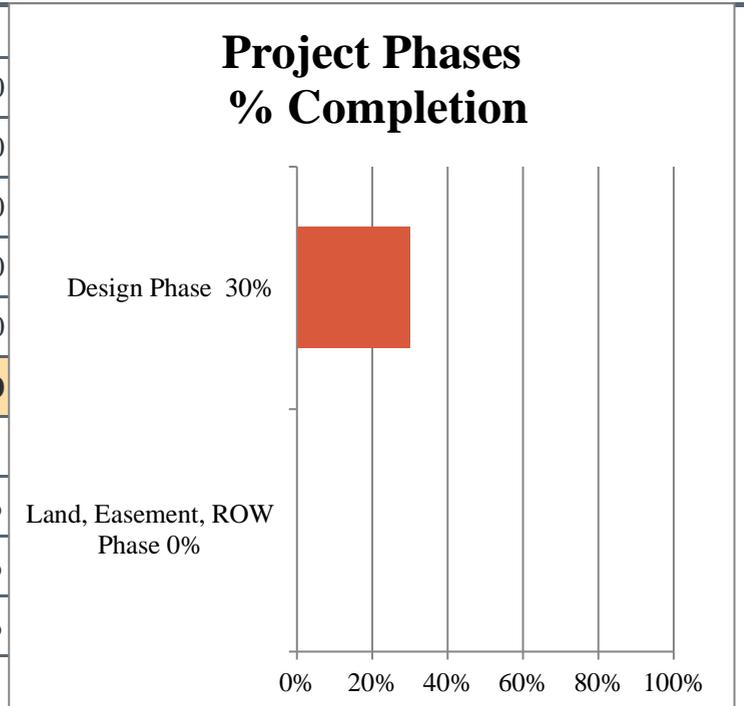


PROJECT INFORMATION

Project Name	METRO PARKING STRUCTURES
Project Description	This project designs three Metro parking structures to serve the two Metro Silver Line stations in Loudoun County.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase
Program Department Contact	Joe Kroboth, DTCI 703.771.5107 Joe.Kroboth@loudoun.gov
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$2,981,800
Construction	\$130,018,200
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$133,000,000
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	30%
Construction Phase	0%
Design Phase Completion:	Summer 2016
Project Revenue(s)	
Local Tax Funding	\$3,000,000
Lease Revenue Bonds	\$130,000,000
Total Revenue	\$133,000,000



Project Status Update:

At its December 9, 2015 public hearing, the Board of Supervisors approved a Comprehensive Agreement with Comstock to construct and operate the Ashburn North garage. In this quarter, County staff has met with Nexus to finalize a Comprehensive Agreement to construct and operate the Ashburn South and Loudoun Gateway garages. Site Plan drawings by DTCI's design consultant, Grimm & Parker, will be completed and submitted once the garage design drawings are provided by Nexus. Completion of the design phase is anticipated for Summer 2016.

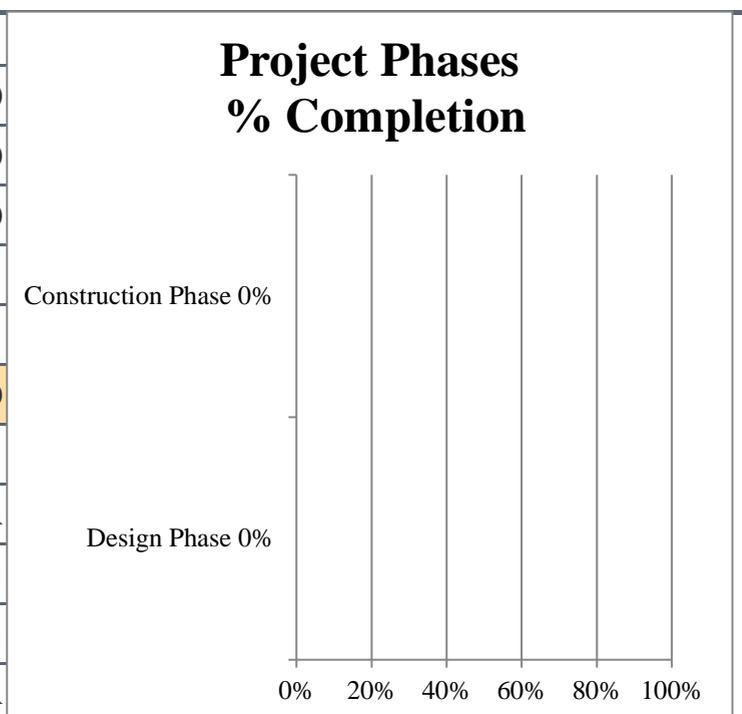


PROJECT INFORMATION

Project Name	MOOREFIELD BOULEVARD - CROSON LANE TO METRO CENTER DRIVE
Project Description	This project provides for the planning, design, Right of Way (ROW) acquisition and construction of Moorefield Boulevard from Croson Lane to Metro Center Drive.
Project Type	Roads & Bridges
Project Phase Funding	Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Gary Pozzouli, DTCI 571.258.3380 Gary.Pozzouli@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$0
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$0
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
Phase Completion:	
Project Revenue(s)	
Local Tax Funding	\$0
Cash Proffers	\$0
Total Revenue	\$0



Project Status Update:

This project's scope of work and budget have been incorporated into the design-build contract being solicited by the County for the Route 772 Connector Bridge. The project's detailed status and budget are reported with the Route 772 Connector Bridge project.

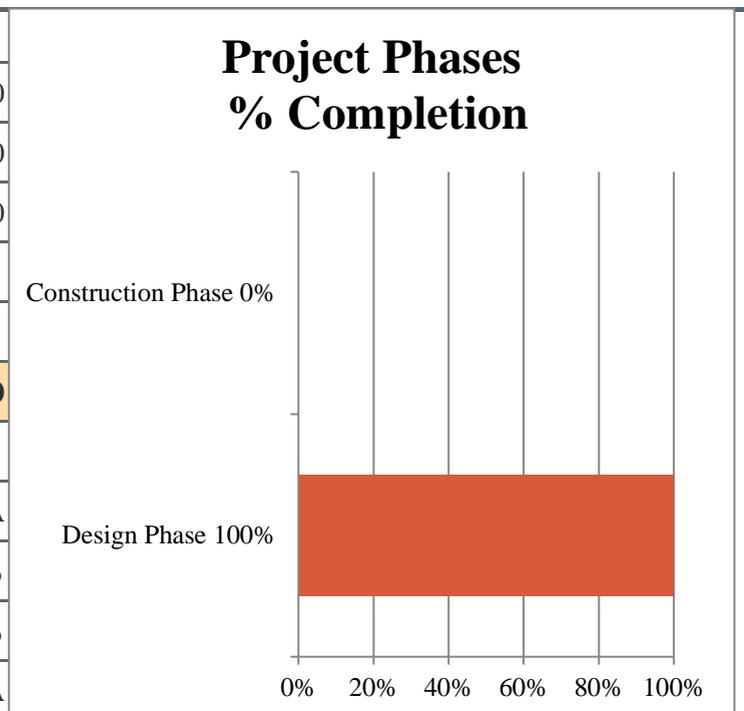


PROJECT INFORMATION

Project Name	MOOREVIEW PARKWAY
Project Description	This project constructs the segment of Mooreview Parkway between Croson Lane and Old Ryan Road. This segment is an important link for access to Moorefield Station Elementary School, Moorefield Community Park and the future Metro-Rail Station.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	McKinley Jones, DTCI 571-258-3611 McKinley.Jones@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$694,250
Construction	\$7,405,750
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$8,100,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Winter 2018
Project Revenue(s)	
Local Tax Funding	\$6,300,000
Gas Tax	\$1,800,000
Total Revenue	\$8,100,000



Project Status Update:

In this quarter, on January 21, 2016, the Board of Supervisors approved an agreement with Atapco Properties for Atapco to construct the Old Ryan Road portion of the project. The agreement was executed and a kick off meeting with Atapco was held. William A. Hazel, Inc. will construct the work for Atapco within a planned 12 month construction duration. Additionally, discussions with Columbia Gas continued for relocation of two gas transmission lines. On March 17, 2016, the Board approved the Columbia Gas agreement and the supplemental funding required. In the next quarter, the agreement with Columbia Gas will be executed beginning the six (6) month duration of utility relocation work. The Invitation for Bid (IFB) will be updated and planned for issuance following the start of Columbia Gas' relocation. Assuming no delays with Columbia Gas' relocation work, a late Winter 2017 construction start is planned for the road construction. A 12 month construction duration is planned thus delaying construction completion to Winter 2018, weather pending.

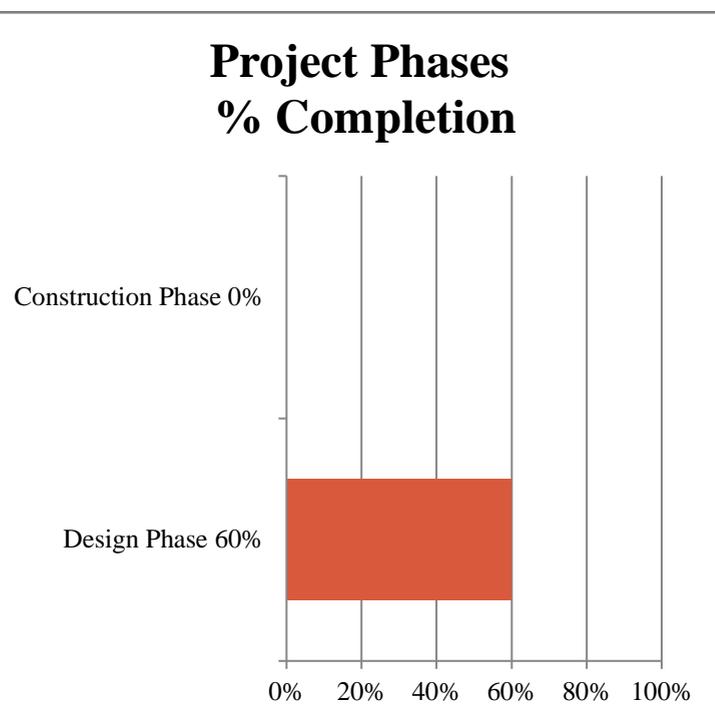


PROJECT INFORMATION

Project Name	NORTHSTAR BOULEVARD - ROUTE 50 TO TALL CEDARS PARKWAY
Project Description	This project provides for the planning, design, Right of Way (ROW) acquisition and construction of a minor arterial roadway from John Mosby Highway (Route 50) to Tall Cedars Parkway.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$4,250,000
Construction	\$182,000
FFE	\$0
Land	\$1,000,000
Proffered Land	\$0
Total Project Cost:	\$5,432,000
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	60%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Winter 2017
Project Revenue(s)	
Revenue Sharing	\$2,350,000
NVTA 30% (Local)	\$2,350,000
Cash Proffers	\$732,000
Total Revenue	\$5,432,000



Project Status Update:

In this quarter, the design consultant, J2 Engineers completed the 60% road plans and submitted them to Building & Development (B&D) and VDOT on March 22, 2016. A floodplain study was also submitted to B&D on March 22, 2016. In the next quarter, bridge plans will be submitted to VDOT and comments from the 60% road plans will be addressed. An item will also be prepared for the Board of Supervisors to endorse the proposed road design.

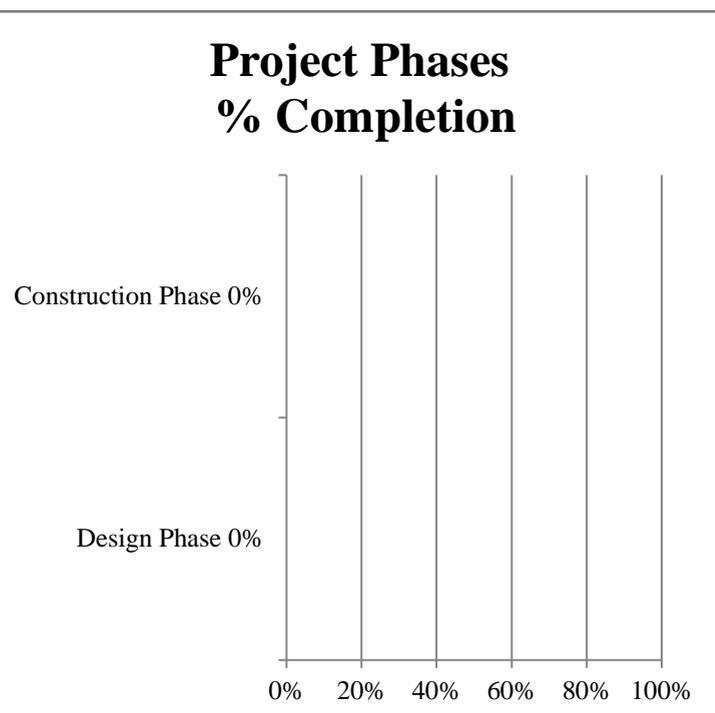


PROJECT INFORMATION

Project Name	NORTHSTAR BOULEVARD - SHREVEPORT DRIVE TO ROUTE 50
Project Description	This project provides for the planning, design, Right of Way (ROW) acquisition and construction of a minor arterial roadway from Shreveport Drive to Route 50.
Project Type	Roads & Bridges
Project Phase Funding	Deign Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$5,000,000
Construction	\$4,459,000
FFE	\$0
Land	\$2,000,000
Proffered Land	\$0
Total Project Cost:	\$11,459,000
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
Design Phase Completion:	TBD
Project Revenue(s)	
Local Tax Funding	\$3,300,000
Revenue Sharing	\$3,200,000
NVTA 70% (Regional)	\$204,000
NVTA 30% (Local)	\$4,755,000
Total Revenue	\$11,459,000



Project Status Update:

In this quarter, County staff continued negotiations with the developer of Brambleton to determine the horizontal road alignment. When agreement is reached on the horizontal alignment between Brambleton and the adjacent property owners, a Request for Proposal (RFP) will be issued to solicit proposals from engineering consultants to design the road segment. After a design consultant is selected and awarded a contract, the design consultant and DTCI staff will work with adjacent owners to identify land acquisition and environmental constraints. The design phase completion cannot be determined until negotiations are completed on the road alignment.

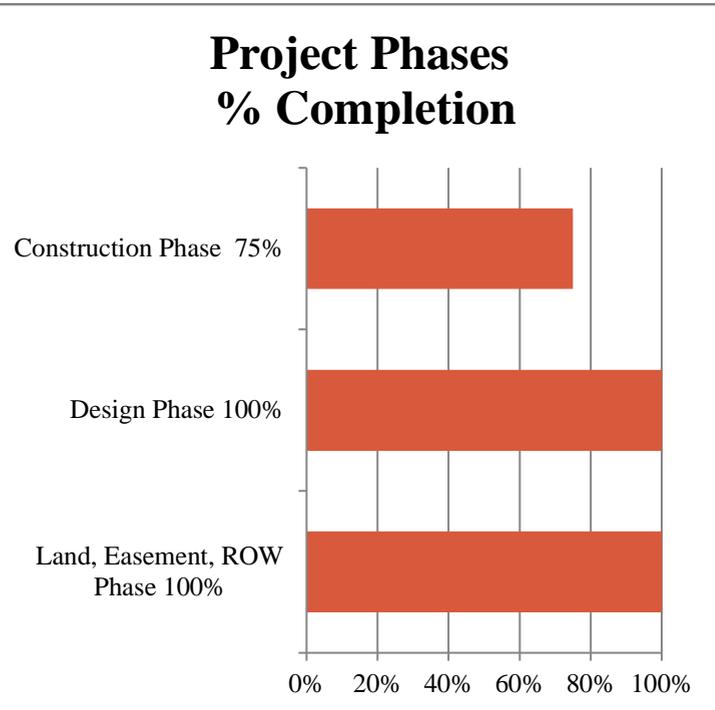


PROJECT INFORMATION

Project Name	PLEASANT VALLEY DRIVE & BRADDOCK ROAD INTERSECTION
Project Description	This project designs and constructs a roundabout at the intersection of Pleasant Valley Drive and Braddock Road in Fairfax County. This project is being administered by VDOT as a design-build project.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase
Program Department Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Fairfax County Project Adjacent to Dulles District
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,000,000
Construction	\$200,000
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$1,200,000
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 75%	75%
FFE Phase	N/A
Construction Phase Completion:	Spring 2016
Project Revenue(s)	
Gas Tax	\$1,000,000
State Revenue Sharing	\$200,000
Revenue Total	\$1,200,000



Project Status Update:
 This project is a VDOT Administered project awarded to the design-build team of WBCM/Fort Myer Construction. The project is proceeding through Right of Way (ROW) and construction simultaneously. In this quarter, ROW acquisition was completed. NOVEC has completed relocation of their infrastructure. Verizon has completed relocating their cables to the temporary poles. Removal of old poles began early March 2016. In the next quarter, final surface paving is planned and per VDOT staff, the project is on schedule for completion in late May 2016.

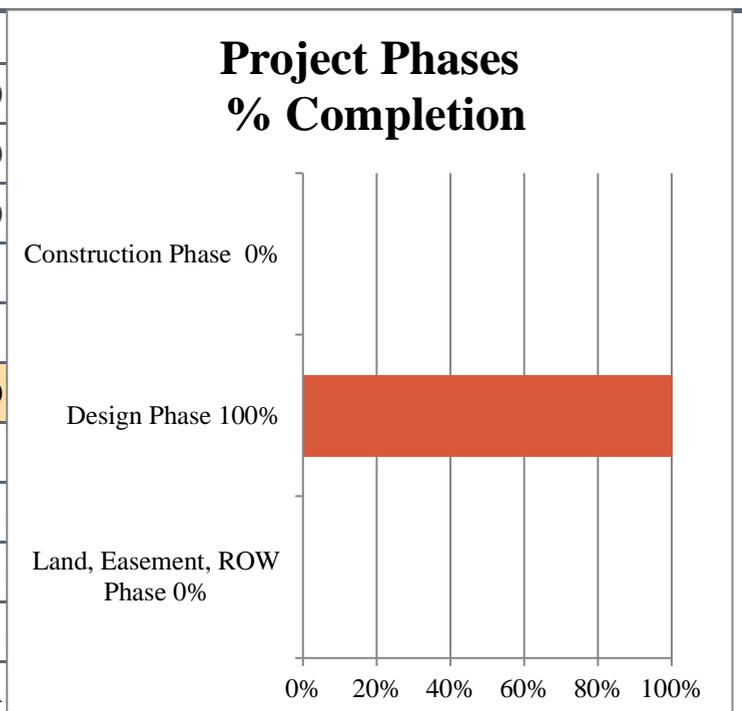


PROJECT INFORMATION

Project Name	RIVERSIDE PARKWAY - LEXINGTON DRIVE TO JANELIA FARM
Project Description	This provides funding for the construction of a four-lane divided roadway from Lexington Drive to Janelia Farm.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Bruce Thornberry, DTCI 703-737-8821 Bruce.Thornberry@loudoun.gov
Election District	Algonkian, Ashburn
Supervisor	Volpe, Buona

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$350,000
Construction	\$3,400,000
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$3,750,000
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
Construction Phase Completion:	Summer 2018
Project Revenue(s)	
Local Tax Funding	\$3,750,000
Revenue Total	\$3,750,000



Project Status Update:

At its December 2, 2015 business meeting, the Board of Supervisors approved a reimbursement agreement with One Loudoun Holdings, LLC to have their contractor, Shirley Construction construct the Riverside Parkway improvements as part of the Route 7/Ashburn Village Boulevard interchange project. The agreement has been signed by all parties. In this quarter, DTCI staff has been working with Howard Hughes Medical Institute (HHMI) to obtain right of way and a Traffic Maintenance Plan was submitted to VDOT on February 16, 2016 for the planned traffic signal. In the next quarter, right of way clearance is anticipated and construction is expected to commence concurrent with the Route 7/Ashburn Village Boulevard interchange, with an anticipated completion date of Summer 2018.

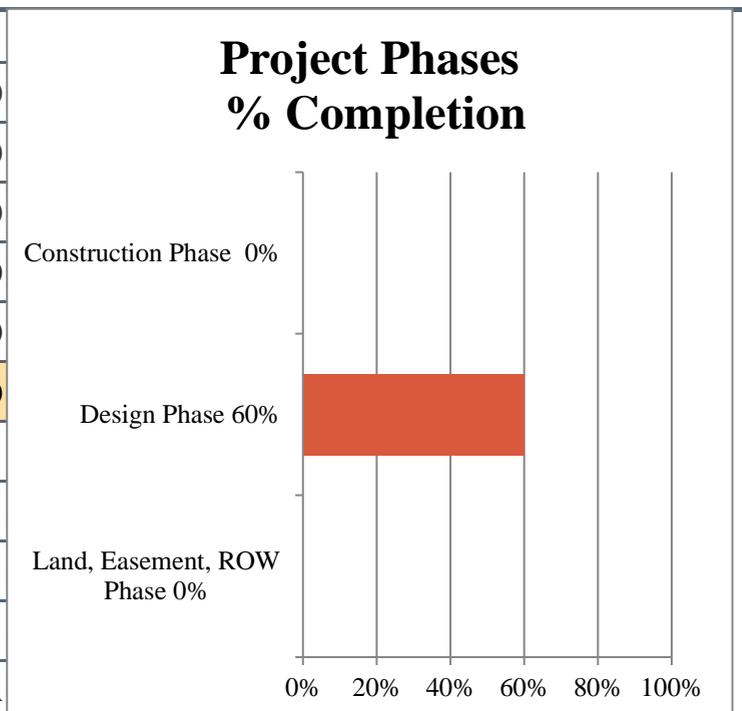


PROJECT INFORMATION

Project Name	RIVERSIDE PARKWAY - LOUDOUN COUNTY PARKWAY TO LEXINGTON
Project Description	This project funds the design and construction of a 4 lane divided road segment between Loudoun County Parkway and Lexington Drive, a new Loudoun Water main along Smith Circle, and a temporary traffic signal at Loudoun County Parkway and George Washington Boulevard.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Bruce Thornberry, DTCI 703.737.8821 Bruce.Thornberry@loudoun.gov
Election District	Algonkian
Supervisor	Volpe

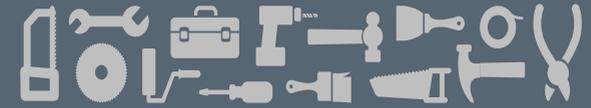
PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,625,700
Construction	\$12,048,700
FFE	\$0
Land	\$1,500,000
Proffered Land	\$0
Total Project Cost:	\$15,174,400
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	60%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Spring 2016
Project Revenue(s)	
Cash Proffers	\$1,762,100
Revenue Sharing	\$7,412,300
NVTA 30% (Local)	\$6,000,000
Revenue Total	\$15,174,400



Project Status Update:

In this quarter, the design consultant, Rinker Design Associates (RDA), is addressing Building & Development (B&D) and VDOT 60% design comments and proceeding the design to 90%. DTCI staff and RDA are working with Dominion Power, Verizon, and Loudoun Water to coordinate utility designs within the road corridor. Once the utilities provide their designs and they are coordinated with the road alignment, the 90% design plans will be completed. Agreement negotiations continued between the County and Loudoun Water to have the County reimburse Loudoun Water to install a new Smith Circle water line. The water line design is at approximately 60%. In the next quarter, the 90% road plans will be submitted to B&D and VDOT, land acquisition will commence, and negotiations will continue between the County and Loudoun Water on the Smith Circle water line. Staff is also working with VDOT to address issues raised by VDOT regarding the use of revenue sharing funds for the water line portion of the project. Completion of the design phase is planned for Spring 2016.

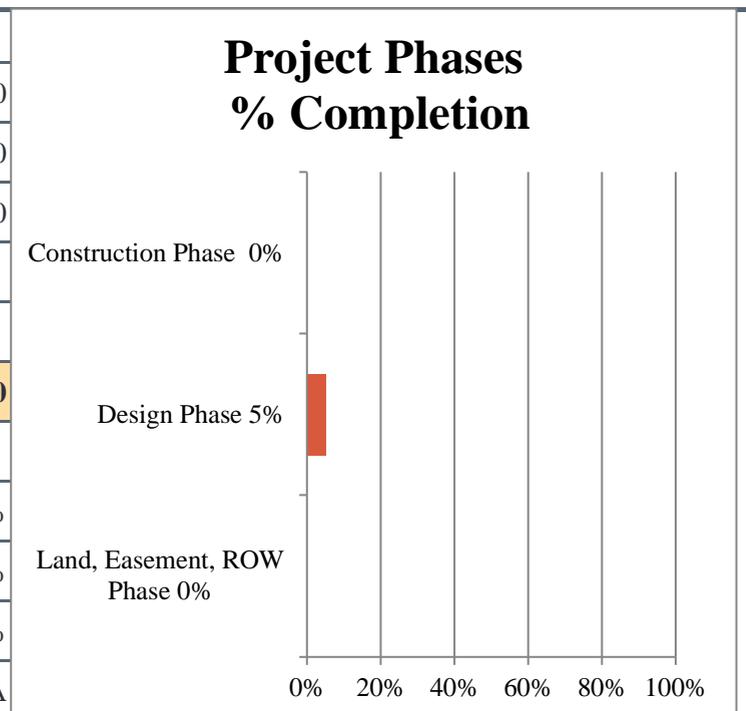


PROJECT INFORMATION

Project Name	ROUTE 15 BYPASS AT EDWARDS FERRY ROAD
Project Description	This project provides for funding for traffic engineering and an Interchange Justification Report (IJR) for an interchange at the Route 15 Bypass and Edwards Ferry Road in the Town of Leesburg. This project is being administered by the Town of Leesburg.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase
Program Department Contact	Tom Brandon, Town of Leesburg 703.737.6067 tbrandon@leesburgva.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Leesburg
Supervisor	Umstattd

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,000,000
Construction	\$0
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$1,000,000
Project Development Schedule	
Land, Easement, ROW Phase 0%	0%
Design Phase 5%	5%
Construction Phase 0%	0%
FFE Phase	N/A
Design Phase Completion:	Fall 2017
Project Revenue(s)	
NVTA 70% (Regional)	\$1,000,000
Total Revenue	\$1,000,000



Project Status Update:

The Town of Leesburg has executed an agreement with VDOT to administer this project on the Town's behalf. The Town has also executed a reimbursement agreement with NVTA. In this quarter, data gathering began to prepare National Environmental Policy Act (NEPA) documents, preliminary traffic forecasts and analyses were completed, and a Public Information Meeting was held on March 10, 2016. In the next quarter, the design team will consider the public input received to develop alternative designs. A second Public Information Meeting is anticipated in late Summer 2016. In this meeting, design alternatives will be presented to the public for review and comment. The Town anticipates the design process being completed in Fall 2017.

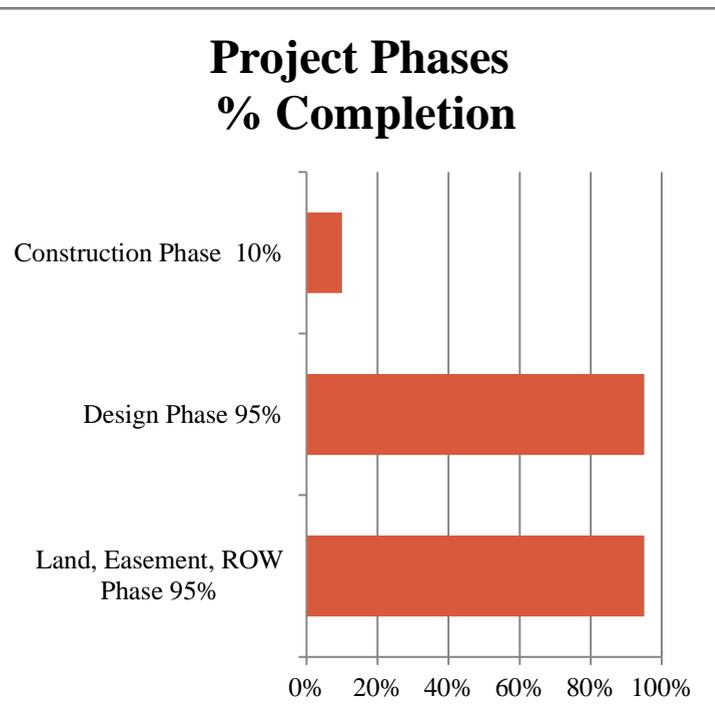


PROJECT INFORMATION

Project Name	ROUTE 606 WIDENING
Project Description	This project provides funding for preliminary engineering, design and construction of two additional lanes to widen Route 606 to four lanes from Evergreen Mills Road to the Dulles Greenway. This project is a joint partnership between Loudoun County, MWAA and VDOT to jointly fund the improvements.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Dulles, Blue Ridge
Supervisor	Letourneau, Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$31,711,750
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$31,711,750
Project Development Schedule	
Land, Easement, ROW Phase 95%	95%
Design Phase 95%	95%
Construction Phase 10%	10%
FFE Phase	N/A
Construction Phase Completion:	Summer 2018
Project Revenue(s)	
Lease Revenue Financing	\$21,790,650
Cash Proffers	\$1,166,350
RSTP	\$8,754,750
Total Revenue	\$31,711,750



Project Status Update:

This is a VDOT Administered design-build contract awarded to the Dewberry/Shirley Contracting team. Construction commenced in September 2015 with clearing. Work on the foundations for the bridge over Horsepen Lake spillway continues. Clearing has occurred throughout the project area. Blasting is underway in the area of Route 606 between Evergreen Mill Road and the Greenway from February 23, 2016 to late March 2016 to remove rock in the area needed for the installation of drainage features. The overall project completion date for the project has been delayed as a result of numerous setbacks from regulatory agencies, right of way, and utilities. VDOT and the design/build team are working together to finalize the revised project schedule, which has the following tentative milestone completions: one lane of Route 606/Loudoun County Parkway intersection is scheduled to open in September 2017; two lanes to open by December 2017; two lanes of Route 606 between the Greenway and Commerce Center Court will open in December 2017; and the remainder of the road improvements completed August 2018. In the next quarter, open space easement vacation will be processed for Loudoun Valley Estates III, waterline construction will begin as will construction of the deck for the new southbound lane and utility relocation.

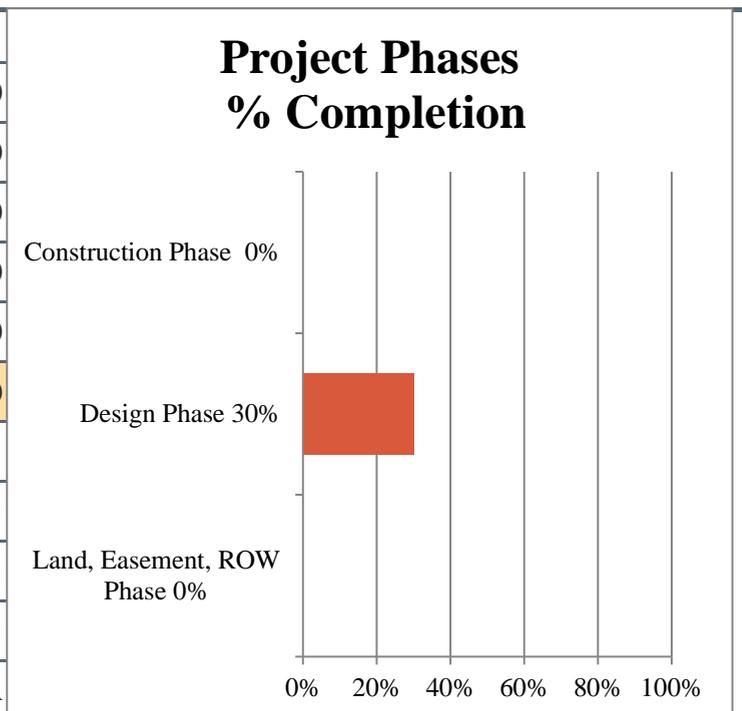


PROJECT INFORMATION

Project Name	ROUTE 772 CONNECTOR BRIDGE
Project Description	This project funds the design of the Route 772 Connector Bridge which connects Croson Lane on the western side of the Greenway to Shellhorn Road on the eastern side of the Greenway. The bridge is an integral connection to provide access to the planned parking garages for the Dulles Metrorail Station.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Gary Pozzouli, DTCI 571.258.3380 Gary.Pozzouli@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,018,750
Construction	\$25,259,600
FFE	\$0
Land	\$250,000
Proffered Land	\$0
Total Project Cost:	\$26,528,350
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	30%
Construction Phase	0%
FFE Phase	N/A
Design/Build Completion:	Winter 2018



Project Revenue(s)	
Gas Tax	\$2,896,000
Local Tax Funding	\$2,925,000
Cash Proffers	\$2,498,000
Lease Revenue Financing	\$18,209,350
Revenue Total	\$26,528,350

Project Status Update:

In this quarter, final addenda were issued for the design-build Request for Proposals (RFP) to the two short-listed teams and final proposals were received on March 15, 2016. The final proposals were evaluated by the Proposal Analysis Group (PAG). In the next quarter, the contract award will be presented for Board of Supervisor's approval, the contract will be executed and a kick off meeting will be planned. Construction completion is planned for Winter 2018.

*The Moorefield Boulevard - Croson Lane to Metro Center Drive project scope of work and budget have been incorporated into the Design-Build contract being solicited by the County for the Route 772 Connector Bridge.

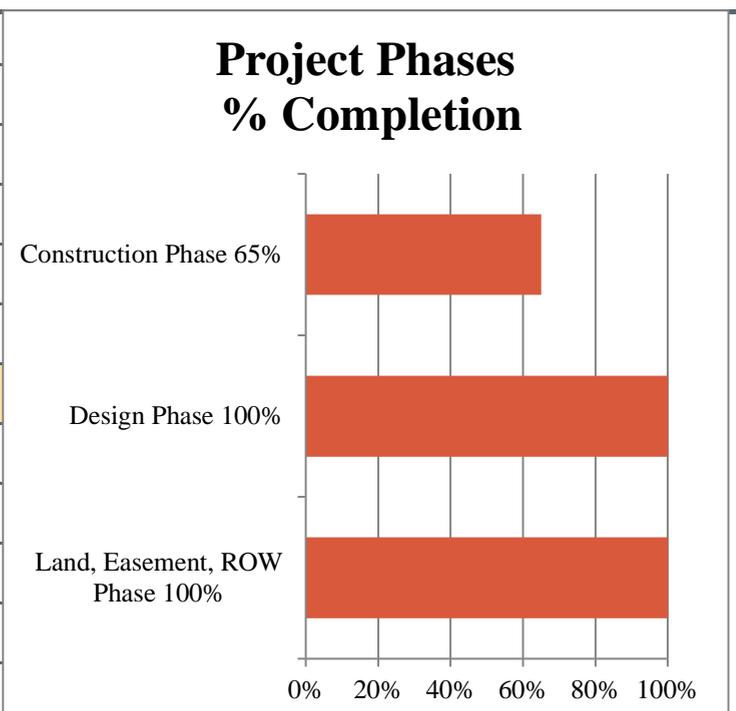


PROJECT INFORMATION

Project Name	RUSSELL BRANCH PARKWAY - ASHBURN RD TO ASHBURN VILLAGE BLVD
Project Description	This project funds the design and construction for the missing segment of Russell Branch Parkway between Ashburn Road and Ashburn Village Boulevard.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Gary Pozzouli, DTCI 571.258.3380 Gary.Pozzouli@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$794,800
Construction	\$5,166,500
FFE	\$0
Land	\$51,100
Proffered Land	\$0
Total Project Cost:	\$6,012,400
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 65%	65%
FFE Phase	N/A
Construction Phase Completion:	Summer 2016
Project Revenue(s)	
Local Tax Funding	\$250,000
Gas Tax	\$2,364,400
Cash Proffers	\$3,398,000
Revenue Total	\$6,012,400



Project Status Update:
 William A Hazel, Inc. was awarded the contract for construction in January 2015 and work is ongoing. In this quarter, underdrain work continued, however, the project was impacted by weather and required design changes resulting in extended contract time. The contractor was awarded 26 weather days in this quarter. In the next quarter, fine grading (including fill at the medians) will occur, paving will continue and traffic signal activities will begin. Construction completion has been delayed from Spring 2016 to Summer 2016 based on weather impacts and additional contract time due to approved changes.

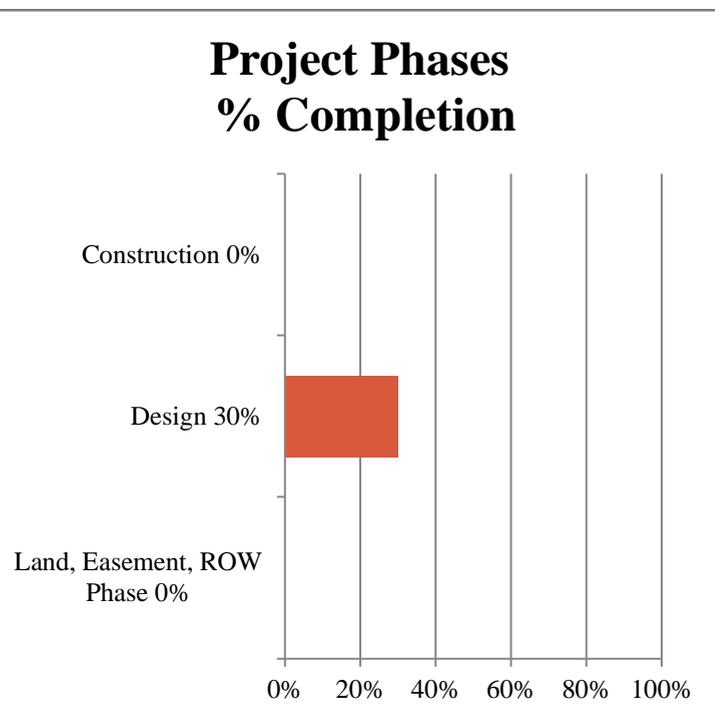


PROJECT INFORMATION

Project Name	STERLING BOULEVARD EXTENSION
Project Description	This project provides for the design, Right of Way (ROW) acquisition and construction of Sterling Boulevard from Pacific Boulevard to Moran Road (Route 634). The project is a four lane urban major connector with divided median, associated turn lanes and shared used path. It will conform to VDOT standards for future assignment to the VDOT system for maintenance.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Bruce Thornberry, DTCI 703-737-8821 Bruce.Thornberry@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,841,850
Construction	\$10,313,600
FFE	\$0
Land	\$1,945,200
Proffered Land	\$0
Total Project Cost:	\$14,100,650
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design 30%	30%
Construction 0%	0%
FFE Phase	N/A
Design Phase Completion:	Spring 2017
Project Revenue(s)	
Revenue Sharing	\$4,950,000
NVTA 30% (Local)	\$7,315,650
Land Sale	\$135,000
Local Tax Funding	\$1,700,000
Total Revenue	\$14,100,650



Project Status Update:

In this quarter, the design consultant, ATCS completed 30% road plans. Preliminary discussions with affected property owners were initiated so the design can be refined to minimize impacts to existing facilities and to coordinate the placement of stormwater management facilities. In the next quarter, discussions will continue with affected property owners and the 30% road plans will be submitted to Building & Development (B&D) and VDOT for review. The design phase completion is anticipated in Spring 2017.

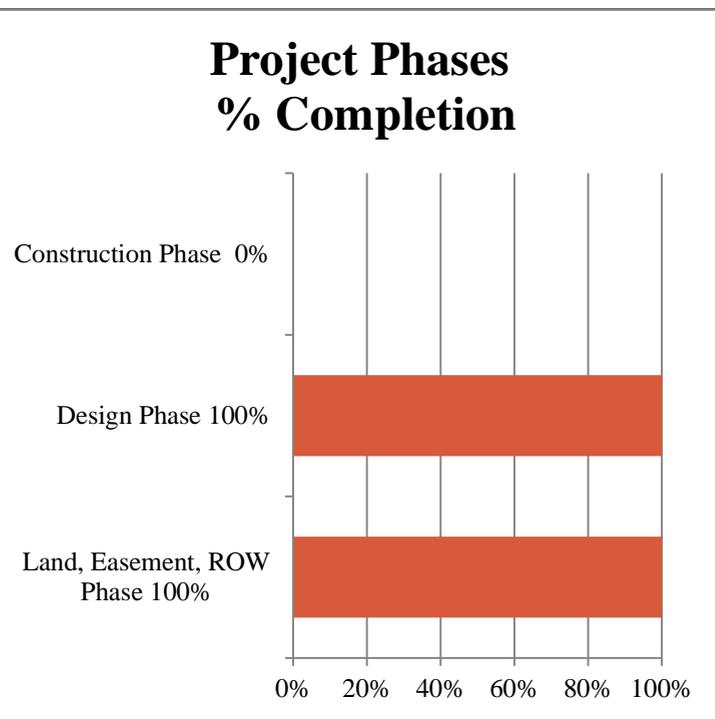


PROJECT INFORMATION

Project Name	TALL CEDARS PARKWAY - PINEBROOK ROAD TO GUM SPRING ROAD
Project Description	This project designs and constructs the missing 4 lane segment of Tall Cedars Parkway between Pinebrook Road and Gum Spring Road.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Bruce Thornberry, DTCI 703-737-8821 Bruce.Thornberry@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$744,200
Construction	\$7,693,650
FFE	\$0
Land	\$3,237,950
Proffered Land	\$0
Total Project Cost:	\$11,675,800
Project Phase Progress:	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
Construction Phase Completion:	Winter 2018
Project Revenue(s)	
Cash Proffers	\$11,675,800
Revenue Total	\$11,675,800



Project Status Update:

In this quarter, land acquisition was completed in March 2016 and the Invitation for Bid (IFB) was drafted and finalized. The IFB was advertised on April 5, 2016 with bids due on May 5, 2016. The construction phase is planned to start Summer 2016 with completion anticipated in Winter 2018.

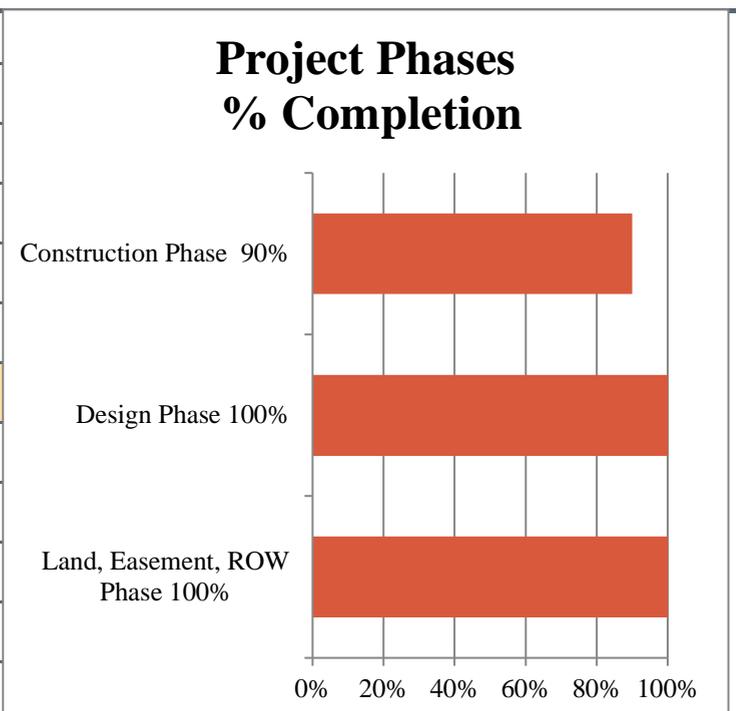


PROJECT INFORMATION

Project Name	WAXPOOL ROAD - UNBRIDLED WAY TO FAULKNER PARKWAY
Project Description	The project funds the design and construction to widen Waxpool Road (Route 625) from Unbridled Way to Faulkner Parkway.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Kent Marrs, DTCI 571.258.3182 Kent.Marrs@loudoun.gov
Election District	Ashburn, Broad Run
Supervisor	Buona, Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$800,750
Construction	\$4,675,250
FFE	\$0
Land	\$10,000
Proffered Land	\$0
Total Project Cost:	\$5,486,000
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 90%	90%
FFE Phase	N/A
Construction Phase Completion:	Fall 2016
Project Revenue(s)	
State Capital Assistance	\$1,500,000
Gas Tax	\$1,500,000
Cash Proffers	\$2,486,000
Revenue Total	\$5,486,000



Project Status Update:

The section of Waxpool Road west of Ashburn Village Boulevard and the traffic signal was completed in September 2014 and the signal went into full operation September 2014. The section of Waxpool Road east of Ashburn Village Boulevard has been delayed due to required utility coordination and relocation identified during construction. In this quarter, negotiations with the attorneys continued to secure the last two utility easements and one of the two easements was completed. There remains one outstanding easement delaying the project. Based on the delay in utility easements, winterization measures were put in place as the construction work is essentially on hold until the utility relocations occur. In the next quarter, the utility relocation work is planned to begin, pending the final easement. Following the relocation work, paving, striping and punch list will occur to complete the road construction. This project is planned for construction completion in Fall 2016, pending the final easement.

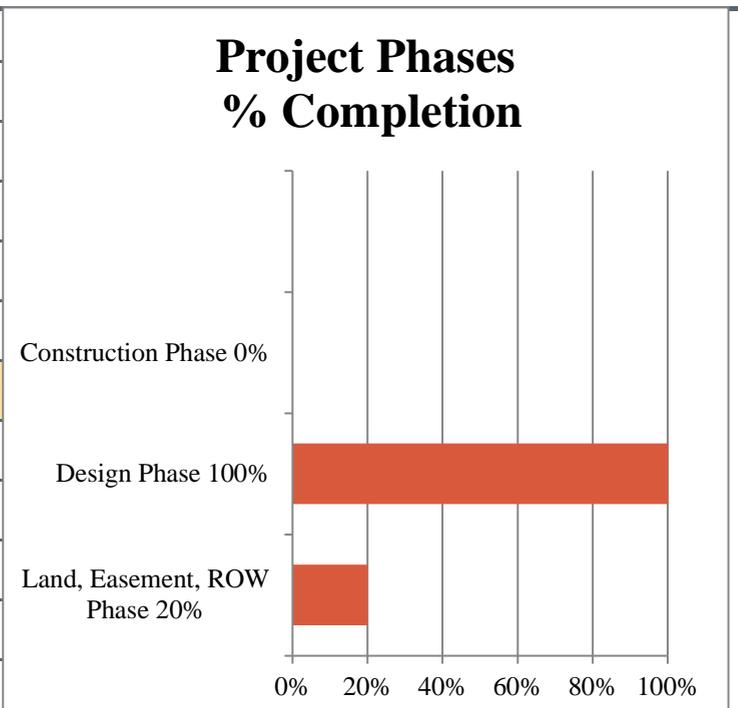


PROJECT INFORMATION

Project Name	WAXPOOL ROAD AT PACIFIC AND BRODERICK
Project Description	The project funds the design and construction on intersection improvements and turn lanes at Waxpool Road (Route 625) and Pacific and Broderick.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Kelly Griffin, DTCI 703.737.8299 Kelly.Griffin@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,211,800
Construction	\$6,188,200
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$7,400,000
Project Phase Progress:	
Land, Easement, ROW Phase	20%
Design Phase	100%
Construction Phase	0%
Land Acquisition Phase Completion: Fall 2016	
Project Revenue(s)	
Cash Proffers	\$1,950,000
State Revenue Sharing	\$3,200,000
Gas Tax	\$2,250,000
Revenue Total	\$7,400,000



Project Status Update:

In this quarter, VDOT provided Right of Way (ROW) authorization on February 10, 2016 and approved the design plans on March 16, 2016. The County Attorney's Office has initiated deed preparation for easements and ROW dedication. Preliminary discussions with commercial land owners were held during the quarter to discuss terms for acquiring easements and ROW. In the next quarter, land acquisition will continue and DTCI staff and design consultant, Dewberry, Utilities providers will coordinate with utility providers to schedule relocation work. The land acquisition phase is planned for completion Fall 2016.

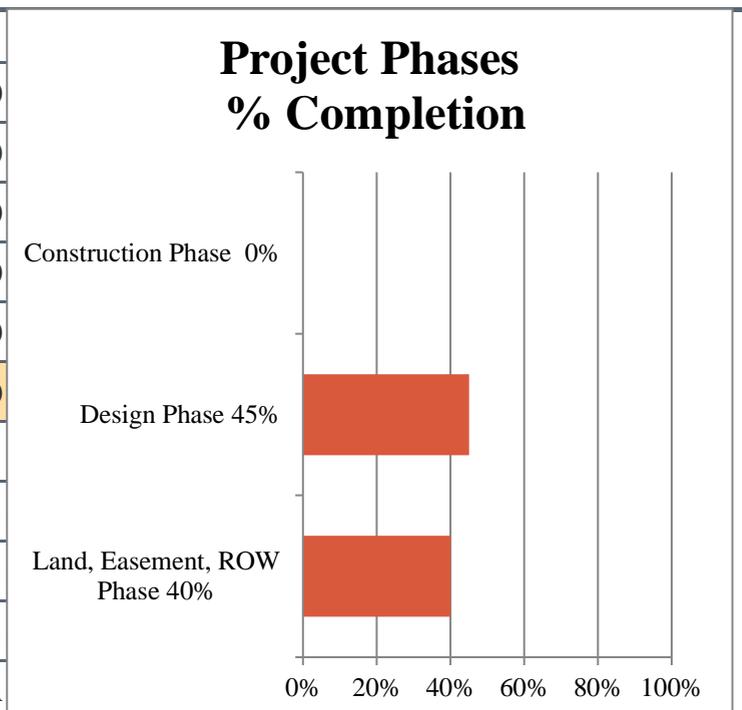


PROJECT INFORMATION

Project Name	WOODGROVE HIGH SCHOOL/FIELDS FARM PARK ROAD
Project Description	The project provides funding to design and construct a two-lane road connecting Woodgrove High School to Route 690 through the County owned Fields Farm park property.
Project Type	Roads & Bridges
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$815,900
Construction	\$2,178,500
FFE	\$0
Land	\$820,600
Proffered Land	\$0
Total Project Cost:	\$3,815,000
Project Phase Progress:	
Land, Easement, ROW Phase	40%
Design Phase	45%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Summer 2016
Project Revenue(s)	
Lease Revenue Financing	\$3,815,000
Revenue Total	\$3,815,000



Project Status Update:

In this quarter, the design consultant, Dewberry, addressed Building & Development (B&D) and VDOT 30% design comments and is proceeding the design to 90%. Discussions were held with Mr. Fields and the Town of Purcellville whether his property will be annexed into the Town or remain in the County. Land acquisition continued for other Right of Way (ROW) required for the project. In the next quarter, 90% design plans will be finalized, land acquisition will continue as well as annexation discussions with Mr. Fields and the Town. Completion of the design phase is anticipated for Summer 2016.

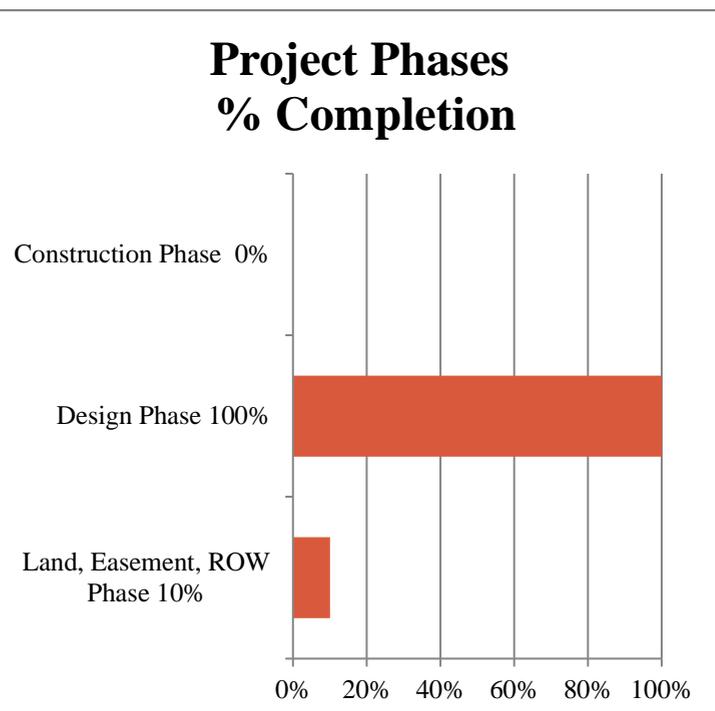


PROJECT INFORMATION

Project Name	ASHBURN ROAD SIDEWALKS
Project Description	This project provides funding to design and construct a sidewalk along the eastern side of Ashburn Road between Partlow Road and the W&OD Trail.
Project Type	Sidewalks & Trails
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
DTCI Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
Election District	Ashburn, Broad Run
Supervisor	Buona, Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$638,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$638,000
Project Phase Progress:	
Land, Easement, ROW Phase	10%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
Land Acquisition Phase Completion:	Fall 2016
Project Revenue(s)	
Local Tax Funding	\$638,000
Total Revenue	\$638,000



Project Status Update:

In this quarter, plans were approved by Building & Development (B&D) on January 20, 2016. Right of Way (ROW) dedication and easement plats were finalized and submitted to B&D. Appraisals are being performed. In the next quarter, land acquisition activities will continue. It is anticipated land acquisition activities will be finalized by Fall 2016.

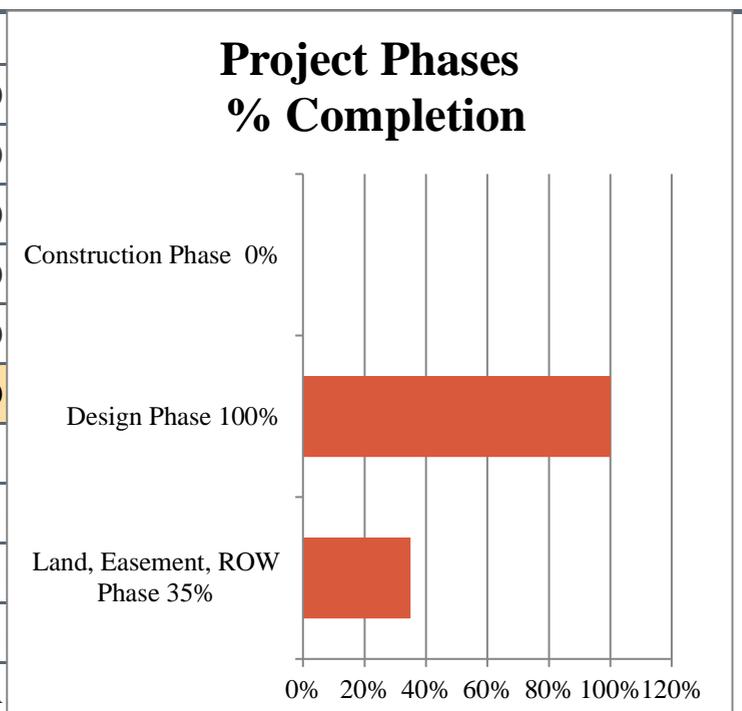


PROJECT INFORMATION

Project Name	ROUND HILL TO FRANKLIN PARK TRAIL
Project Description	This project designs and constructs a mixed use trail from the center of the Town of Round Hill to Franklin Park.
Project Type	Sidewalks & Trails
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Kelly Griffin, DTCI 703.737.8299 Kelly.Griffin@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$640,650
Construction	\$1,999,300
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$2,639,950
Project Phase Progress:	
Land, Easement, ROW Phase 35%	35%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Land Acquisition Phase Completion:	Fall 2016
Project Revenue(s)	
MAP-21 Funding	\$1,441,200
Local Tax Funding Match	\$952,450
Gas Tax	\$246,300
Total Revenue	\$2,639,950



Project Status Update:

In this quarter, Building & Development (B&D) approved the design plans on January 29, 2016. The County Attorney's Office continued deed preparation for easements or Right of Way (ROW) dedication needed on 29 parcels. In the next quarter, land acquisition will continue, with planned completion in Fall 2016.

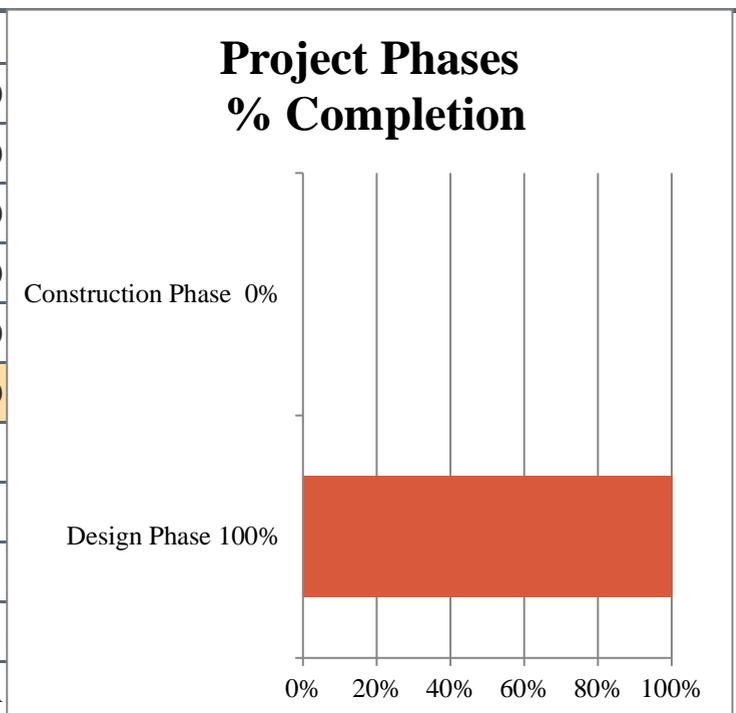


PROJECT INFORMATION

Project Name	STERLING AREA SIDEWALKS
Project Description	This project designs and constructs sidewalk improvements along Greenthorn Avenue, Sugarland Road, and Woodson Drive in the Sterling area to enhance pedestrian connectivity between residential areas and activity centers to include shopping areas and...
Project Type	Sidewalks & Trails
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
DTCI Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$0
Project Phase Progress:	
Land, Easement, ROW Phase 5%	5%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Land Acquisition Phase Completion:	Fall 2016
Project Revenue(s)	
Proceeds from Sale of Land	\$0
Total Revenue	\$0



Project Status Update:

Three individual sidewalk projects were created and a total transfer of \$121,648 was made from the Sterling Area Sidewalks Fund for the design of sidewalk improvements along Greenthorn Avenue, Sugarland Road, and Woodson Drive. In this quarter, the Board of Supervisors at its January 21, 2016 business meeting authorized the transfer of \$138,452 from the Sterling Area Sidewalks Fund and \$4,148 from the the County Sidewalks Fund to construct the Greenthorn Avenue improvements and \$199,700 from the County Sidewalks Fund to construct the Sugarland Road and Woodson Drive improvements. Building & Development (B&D) approved the plans for Greenthorn Avenue on March 14, 2016 and approved the plans for Sugarland Road and Woodson Drive on March 18, 2016. Dedication and easement plats were submitted to B&D and discussions with land owner commenced. In the next quarter, land acquisition activities will continue.

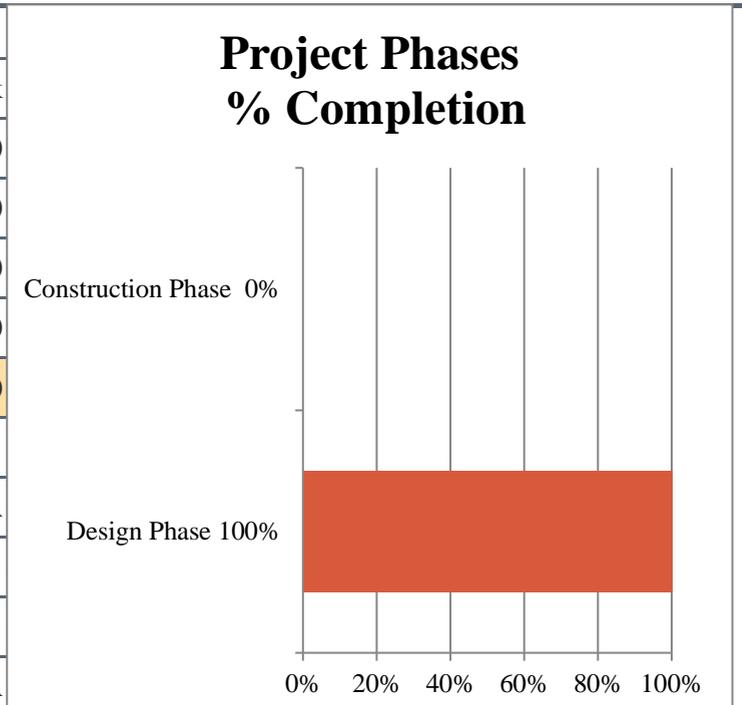


PROJECT INFORMATION

Project Name	STERLING BOULEVARD BEAUTIFICATION
Project Description	This project installs landscaping along both sides of Sterling Boulevard between Route 7 and E. Holly Avenue. In addition, the project scope includes constructing sidewalk and crosswalk connections to provide safe pedestrian movements.
Project Type	Sidewalks & Trails
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Ronald Mallory, DTCI 703.737.8398 Ronald.Mallory@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	In-Kind Work
Construction	\$286,500
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$286,500
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
Construction Phase Completion:	Summer 2016
Project Revenue(s)	
MAP-21 Funds	\$120,000
Sterling Foundation Cash Match	\$21,500
Local Gasoline Tax	\$145,000
Total Revenue	\$286,500



Project Status Update:

VDOT is administering the sidewalk construction. In this quarter, VDOT advertised the project on February 9, 2016 and bids were received on March 23, 2016. In the next quarter, VDOT anticipates awarding a contract and initiating construction. Construction completion is expected in Summer 2016.

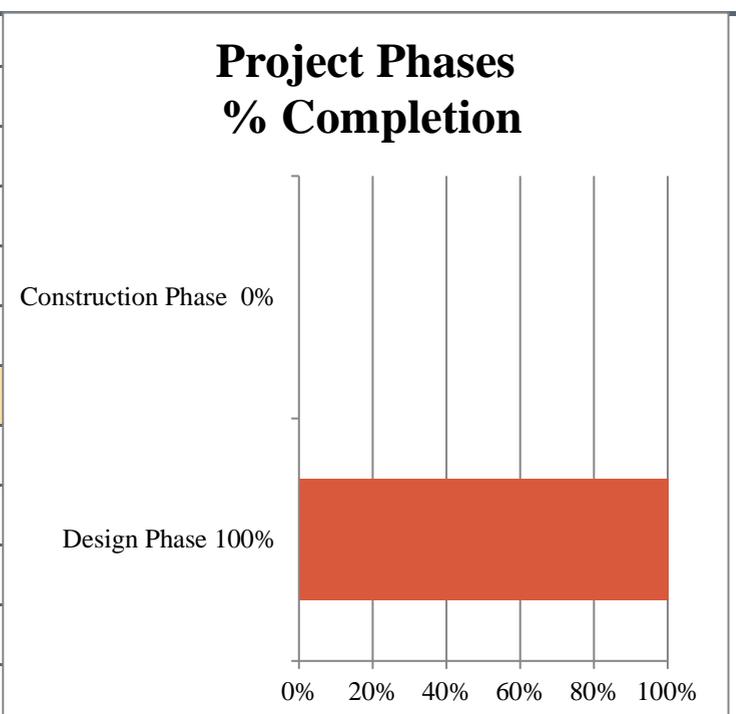


PROJECT INFORMATION

Project Name	STERLING BOULEVARD SIDEWALK
Project Description	This project provides funding to design and construct a missing sidewalk link along the western side of Sterling Boulevard between the Washington & Old Dominion Trail and the Chase Heritage Apartments.
Project Type	Sidewalks & Trails
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$47,400
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$47,400
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Fall 2016
Project Revenue(s)	
Gas Tax	\$47,400
Total Revenue	\$47,400



Project Status Update:

Loudoun Water will coordinate and install this portion of sidewalk with its water line project in this same location at no cost to the County. The Budget and Revenue information shown above is based on the County's original budget for this project. In this quarter, Loudoun Water's contractor, Garney Companies, began installing pipe south of the Sterling Middle School property. Pipe installation will continue through the project area for the next several months. Construction completion is planned for Fall 2016 with the sidewalk installation scheduled to occur in early Fall 2016.

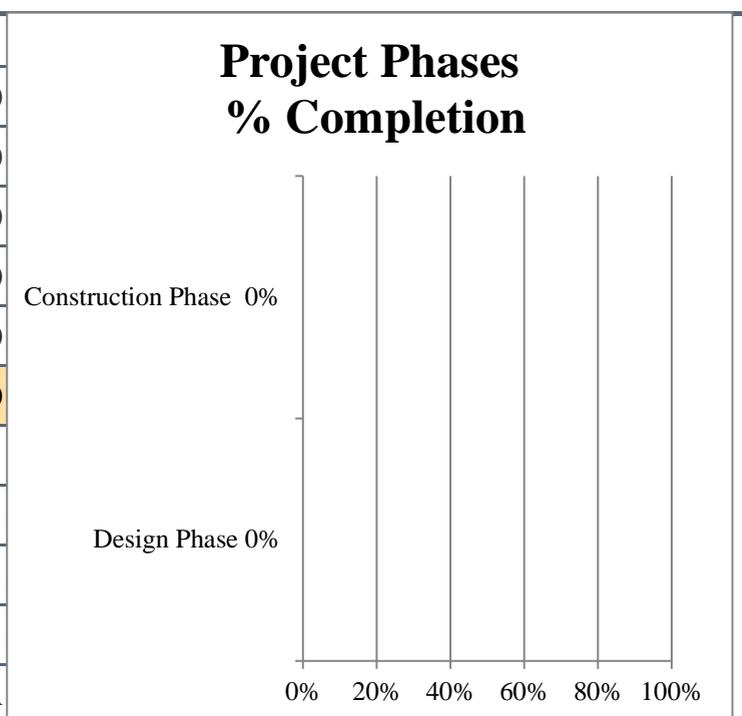


PROJECT INFORMATION

Project Name	LEESBURG PARK & RIDE LOT
Project Description	This project provides funding to design and construct a minimum of 300 surface park and ride lot spaces on a site to be acquired near the Town of Leesburg.
Project Type	Transit Projects
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Leesburg
Supervisor	Umstatt

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$710,000
Construction	\$2,810,650
FFE	\$240,000
Land	\$1,000,000
Proffered Land	\$0
Total Project Cost:	\$4,760,650
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
Design Phase Completion	TBD
Project Revenue(s)	
CMAQ Funds	\$2,260,650
Cash Proffers	\$1,500,000
NVTA 70% Funds	\$1,000,000
Revenue Total	\$4,760,650



Project Status Update:

The Board of Supervisors at its December 2, 2015 business meeting reviewed an updated proposal during closed session from the developer who responded to the April 2015 Leesburg Park & Ride Request for Interest. The Board directed DTCI staff and the County Attorney's Office to finalize contract terms with the developer. In this quarter, DTCI staff and the County Attorney's Office engaged the developer in contract negotiations. In the next quarter, staff will continue contract negotiations.

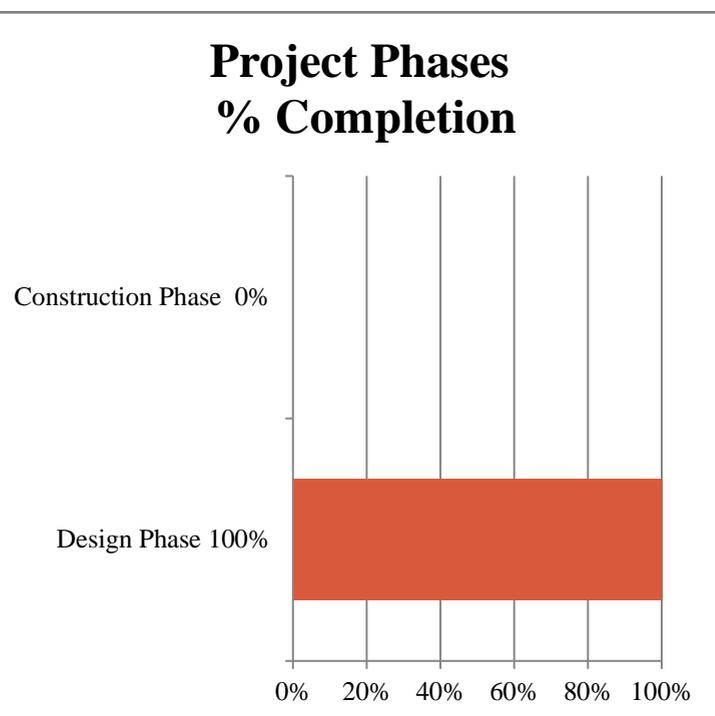


PROJECT INFORMATION

Project Name	STONE RIDGE PARK & RIDE LOT
Project Description	This project provides funding to design and construct a 300 + space lot on a County owned five acre site on proffered land in the Stone Ridge development.
Project Type	Transit Projects
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Ron Mallory, DTCI 703.737.8398 Ron.Mallory@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$3,500,000
FFE	\$0
Land	\$0
Proffered Land	\$2,195,400
Total Project Cost:	\$5,695,400
Project Phase Progress:	
Land, Easement, ROW Phase 0%	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion	Spring 2017
Project Revenue(s)	
Transit Bus Fees	\$500,000
Cash Proffers	\$3,000,000
Land Proffers	\$2,195,400
Revenue Total	\$5,695,400



Project Status Update:

In this quarter, the design consultant, Dewberry, finalized electrical service arrangements with NOVEC and DTCI staff prepared an Invitation for Bid (IFB) to construct the park and ride facility. Dewberry's construction cost estimate exceeds the project budget by approximately \$2,000,000. In the next quarter, the IFB will be advertised, bids will be received, and additional funding sources will be identified cover the construction costs. Construction is anticipated to begin Summer 2016.

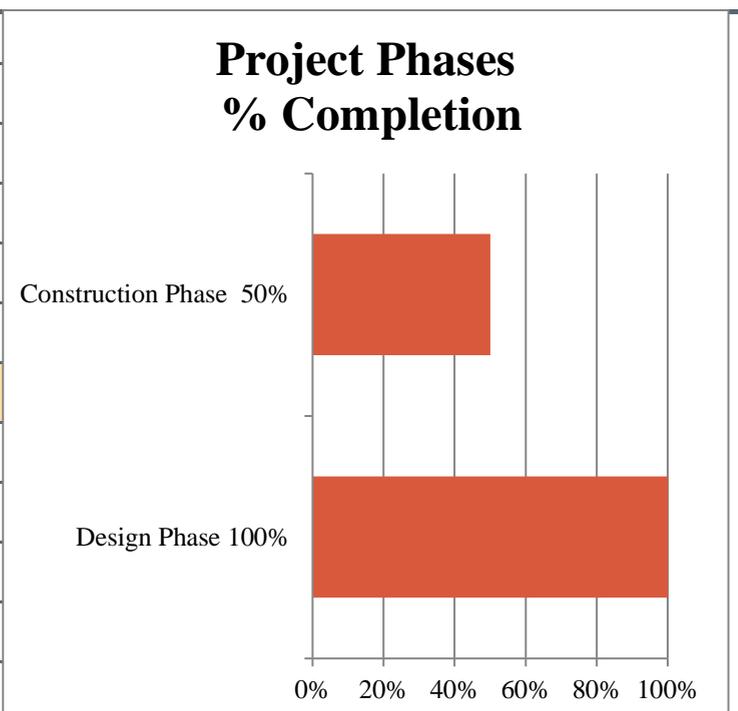


PROJECT INFORMATION

Project Name	BELMONT RIDGE ROAD AT TRURO PARISH DRIVE INTERSECTION
Project Description	This project designs a traffic signal to be installed at Belmont Ridge and Truro Parish Drive.
Project Type	Interchanges & Intersections
Project Phase Funding	Design
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Broad Run, Blue Ridge
Supervisor	Meyer, Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$29,950
Construction	\$0
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$29,950
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 50%	50%
FFE Phase	N/A
Construction Phase Completion:	Spring/Summer 2016
Project Revenue(s)	
Gas Tax	\$29,950
Revenue Total	\$29,950



Project Status Update:

Signal design is 100% complete and approved plans have been provided to Goose Creek Estates LLC (Lennar/Brookfield) for installation in conjunction with the Belmont Ridge Road widening project between Broadlands Boulevard and Truro Parish Drive. The County provided the signal plans to Goose Creek Estates pursuant to a reimbursement agreement approved by the Board of Supervisors on February 14, 2012. Construction of the road widening project began June 2, 2014 and has encountered delays due to these factors: plan revisions, utility relocation and acquisition of additional easements. Substantial completion of the road improvements is now expected in August 2016. Installation of the Belmont Ridge Road/Truro Parish Drive traffic signal is scheduled to be completed by August 2016. In the next quarter, installation of the traffic signal should begin and construction of the road improvements will continue.

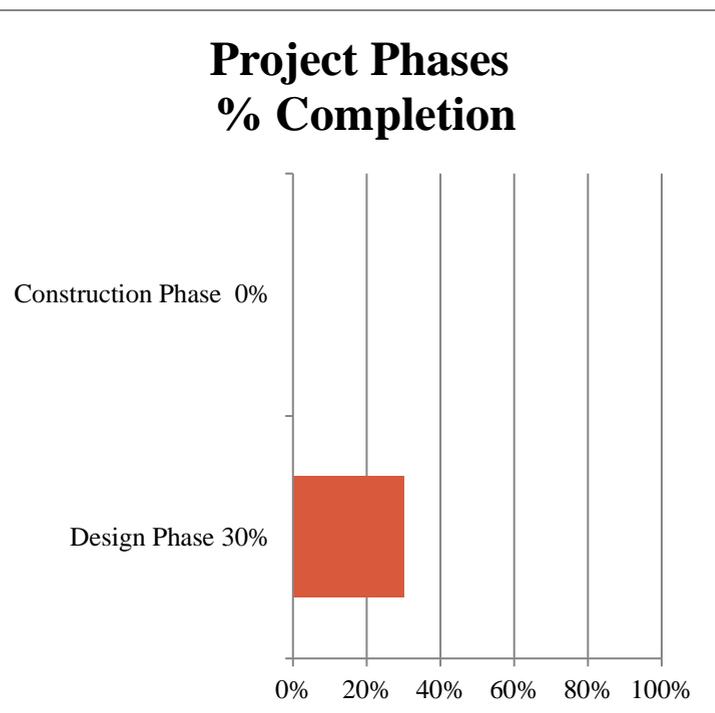


PROJECT INFORMATION

Project Name	EDGEWATER STREET & POLAND ROAD INTERSECTION
Project Description	This project provides for the construction of a permanent roundabout at the intersection of Edgewater Street and Poland Road. This project will be administered by VDOT.
Project Type	Interchanges & Intersections
Project Phase Funding	Design
Program Department Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$950,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$950,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	30%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Spring 2017
Project Revenue(s)	
Local Tax Funding	\$950,000
Revenue Total	\$950,000



Project Status Update:

This is a VDOT administered project. The project is currently in the design phase. The Preliminary Field Inspection was held on January 13, 2016. Based on comments, some adjustments to the layout are being made to reduce Right of Way (ROW) impacts. The next milestone will be to hold a public hearing on the design elements of the project in Summer 2016 or to post a willingness to hold a public hearing. VDOT reports project is on schedule for construction advertisement in May 2017.

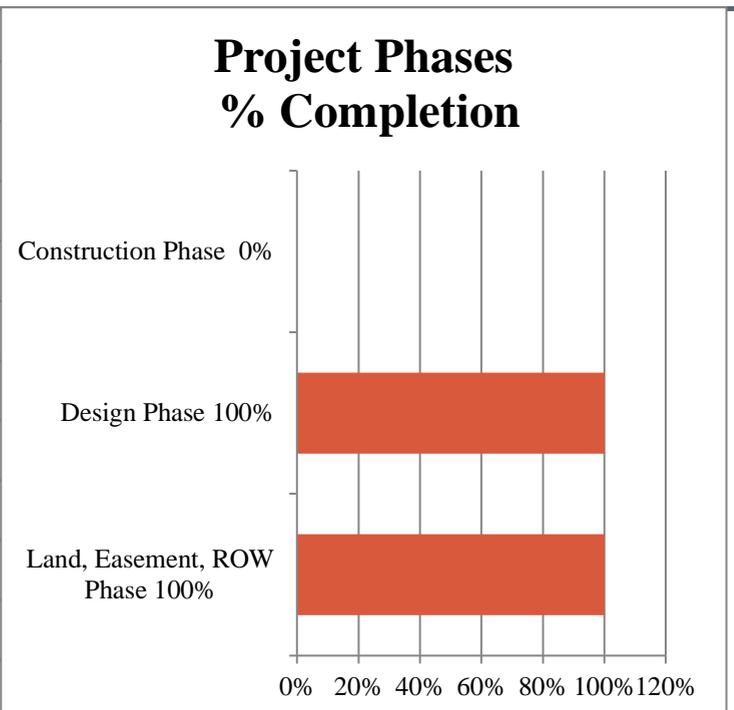


PROJECT INFORMATION

Project Name	GLOUCESTER PKWY/SMITH SWITCH RD/ASHBY PONDS BLVD INTERSECTION
Project Description	This project includes the traffic signal warrant study and the design of a new traffic signal at Gloucester Parkway and Smith Switch Road/Ashby Ponds Boulevard.
Project Type	Interchanges & Intersections
Project Phase Funding	Study and Design
Program Department Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
DTCI Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Study and Design	\$94,200
Construction	\$384,400
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$478,600
Project Phase Progress:	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
Construction Phase Completion:	Spring 2017
Project Revenue(s)	
Cash Proffers	\$478,600
Revenue Total	\$478,600



Project Status Update:
 In this quarter, preparation of the Invitation for Bid (IFB) documents begun. In the next quarter, the IFB will be issued. Signal construction is planned to coincide with the completion of the Gloucester Parkway project between Loudoun County Parkway and Pacific Boulevard. Construction phase completion is planned for Spring 2017.

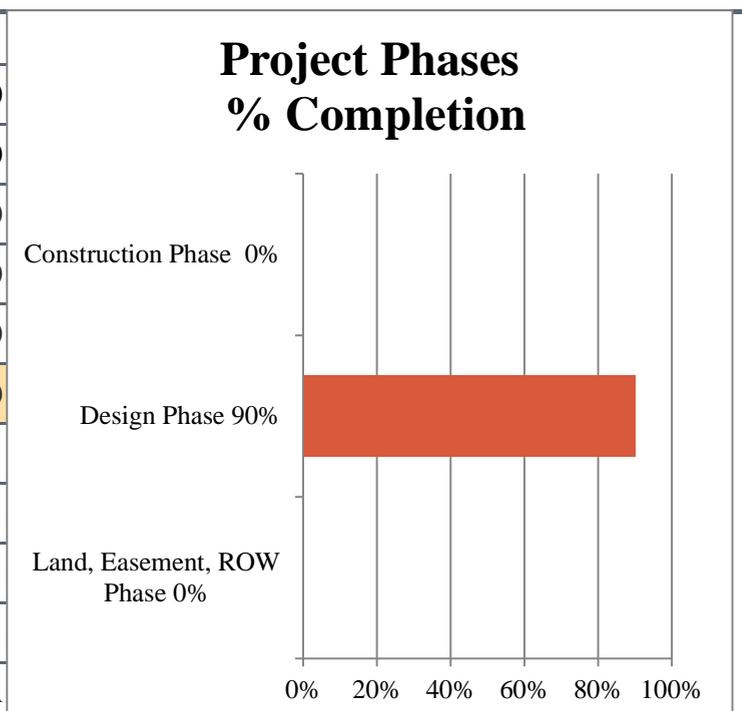


PROJECT INFORMATION

Project Name	LOUDOUN COUNTY PARKWAY & CENTER STREET INTERSECTION
Project Description	The purpose of this project is to conduct a study to determine safety improvements to mitigate angle crashes at the intersection of Loudoun County Parkway and Center Street.
Project Type	Interchanges & Intersections
Project Phase Funding	Study
Program Department Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
DTCI Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$129,700
Construction	\$470,300
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$600,000
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	90%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Spring 2016
Project Revenue(s)	
Local Tax	\$600,000
Revenue Total	\$600,000



Project Status Update:

The FY16 Adopted Fiscal Plan provided funding for design and construction in the amount of \$600,000. In this quarter, Building & Development (B&D) and VDOT comments were addressed and the plans were resubmitted to Building & Development and VDOT on March 3, 2016. In the next quarter, plan approval is anticipated and an Invitation for Bid (IFB) will be prepared and advertised.

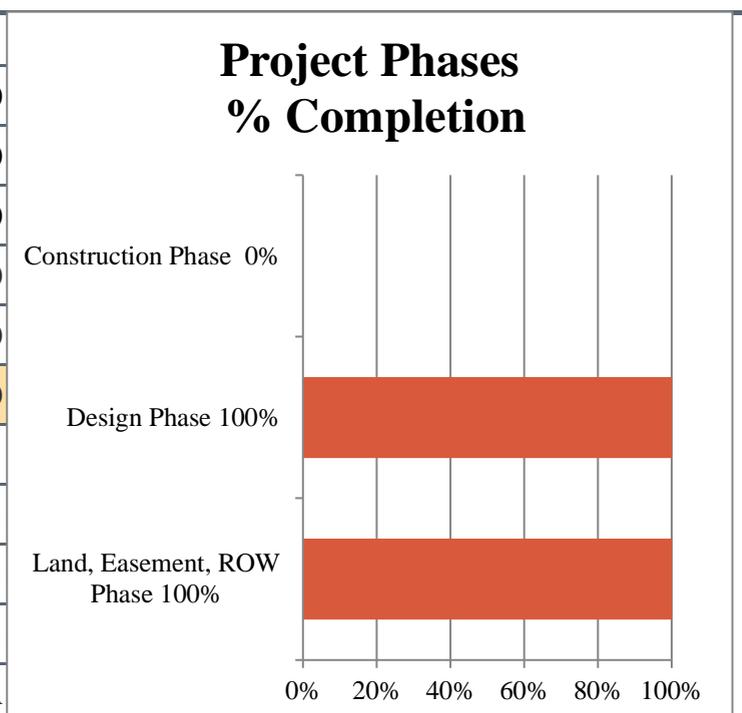


PROJECT INFORMATION

Project Name	NORTHSTAR BOULEVARD AND RYAN ROAD INTERSECTION
Project Description	This project includes the installation of a new traffic signal at Northstar Boulevard and Ryan Road.
Project Type	Interchanges & Intersections
Project Phase Funding	Design, Construction
Program Department Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
DTCI Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$175,000
Construction	\$359,700
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$534,700
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Fall 2016
Project Revenue(s)	
Gas Tax	\$405,000
Cash Proffers	\$129,700
Revenue Total	\$534,700



Project Status Update:

Under a proffer, the developer (Brambleton LLC) is responsible for building the turn lane associated with this project. The County will fund the traffic signal installation. VDOT approved traffic signal plans on 10/30/2014. Right-of-way acquisition is complete and the Board of Supervisors approved construction funding. In this quarter, DTCI continued to work with Brambleton LLC to coordinate signal construction timing with the right turn lane installation. Signal installation remains dependent on Brambleton LLC's completion of the the turn lane.

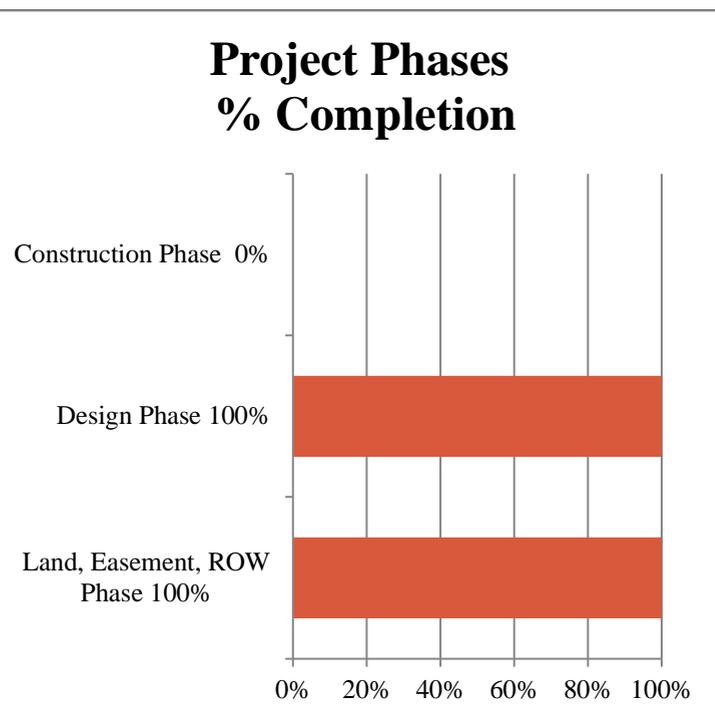


PROJECT INFORMATION

Project Name	ROUTE 7/ASHBURN VILLAGE BOULEVARD INTERCHANGE
Project Description	This project provides cash proffers to the developer of One Loudoun to off-set the costs of utility relocation, storm water management, wetlands mitigation, permitting costs and traffic management plans at the intersection of Route 7 and Ashburn Village Boulevard.
Project Type	Interchanges & Intersections
Project Phase Funding	Construction
Program Department Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Ashburn, Broad Run
Supervisor	Buona, Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$607,300
Construction	\$6,419,200
FFE	\$0
Land	\$226,950
Proffered Land	\$0
Total Project Cost:	\$7,253,450
Project Phase Progress:	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
Construction Phase Completion:	Summer 2018
Project Revenue(s)	
Cash Proffers	\$7,085,000
Interest on Investment	\$68,450
Reimbursement	\$100,000
Revenue Total	\$7,253,450



Project Status Update:

This project is a proffered project by the One Loudoun development. In this quarter, all Right of Way (ROW) acquisition was completed for the project. Also this quarter, silt fence has been installed and Howard Hughes Medical Institute has been removing an old barn structure. Construction will actively commence in the next quarter. Construction completion is planned for Summer 2018.

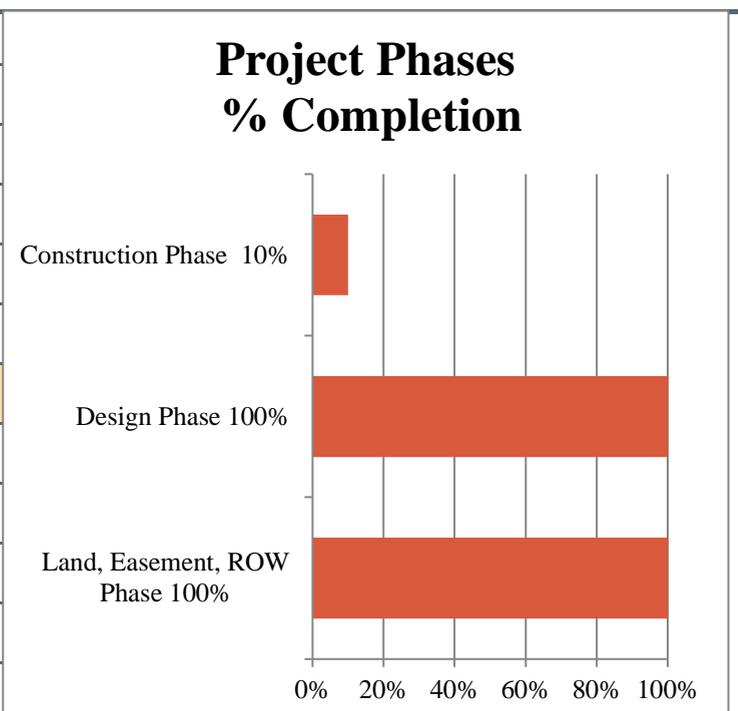


PROJECT INFORMATION

Project Name	ROUTE 7/ROUTE 659 INTERCHANGE & WIDENING TO GLOUCESTER
Project Description	This project provides for the design and construction of an interchange at the intersection of Route 7 and Route 659 (Belmont Ridge Road).
Project Type	Interchanges & Intersections
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Don Bredice, DTCI 703.737.8298 Don.Bredice@loudoun.gov
Election District	Ashburn
Supervisor	Buona

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$6,728,600
Construction	\$66,197,850
FFE	\$0
Land	\$203,350
Proffered Land	\$0
Total Project Cost:	\$73,129,800
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 10%	10%
FFE Phase	N/A
Construction Phase Completion:	Summer 2018



Project Revenue(s)	
State Capital Assistance	\$60,686,450
GO Bonds	\$4,500,000
Cash Proffers	\$5,579,550
Loudoun Water Reimbursement	\$1,063,800
Federal Funds	\$1,300,000
Revenue Total	\$73,129,800

Project Status Update:

Utility relocation work began by Washington Gas in December 2014 and is ongoing. Utility relocation work by Dominion Virginia Power and Verizon is also underway. Shirley Contracting began work in September 2015. In this quarter, Shirley completed clearing and grubbing, barrier placement and began stormwater management infrastructure work, box culvert construction and blasting for earthwork. Additionally this quarter, the baseline project schedule was finalized for the project. Weather impacted work this quarter and, pending approval, the contractor may be granted an additional 4 days. In the next quarter, utility relocation work, box culvert construction and blasting will continue and bridge pile, fill operations and temporary traffic signal work will begin. Construction is planned for 36 months with completion in Summer 2018.

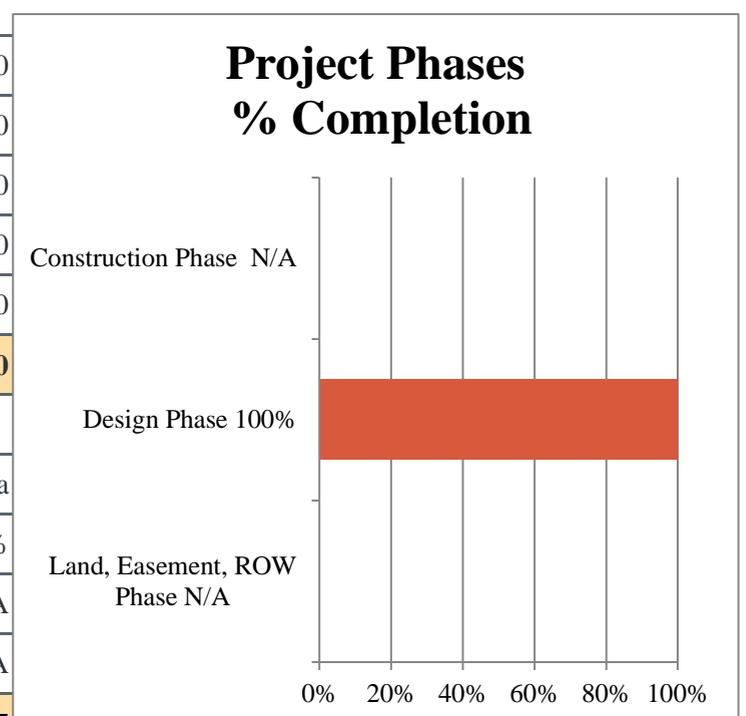


PROJECT INFORMATION

Project Name	ROUTE 7/ROUTE 690 INTERCHANGE
Project Description	The project funds an Interchange Justification Report and preliminary engineering for an interchange at Route 7 and Route 690 in Purcellville.
Project Type	Interchanges & Intersections
Project Phase Funding	Preliminary Engineering
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,500,000
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$1,500,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/a
Design Phase 100%	100%
Construction Phase N/A	N/A
FFE Phase	N/A
IJR/30% Submission Completion:	Fall 2015
Project Revenue(s)	
Local Tax Funding	\$1,500,000
Revenue Total	\$1,500,000



Project Status Update:

This project is currently funded to prepare an Interchange Justification Report (IJR) and prepare 30% design plans. VDOT's Central Office approved the IJR on June 3, 2015. The design consultant, Dewberry, submitted 30% design plans to B&D and VDOT on September 14, 2015 and addressed comments. Design will progress beyond 30% when additional design funding becomes available in FY17.

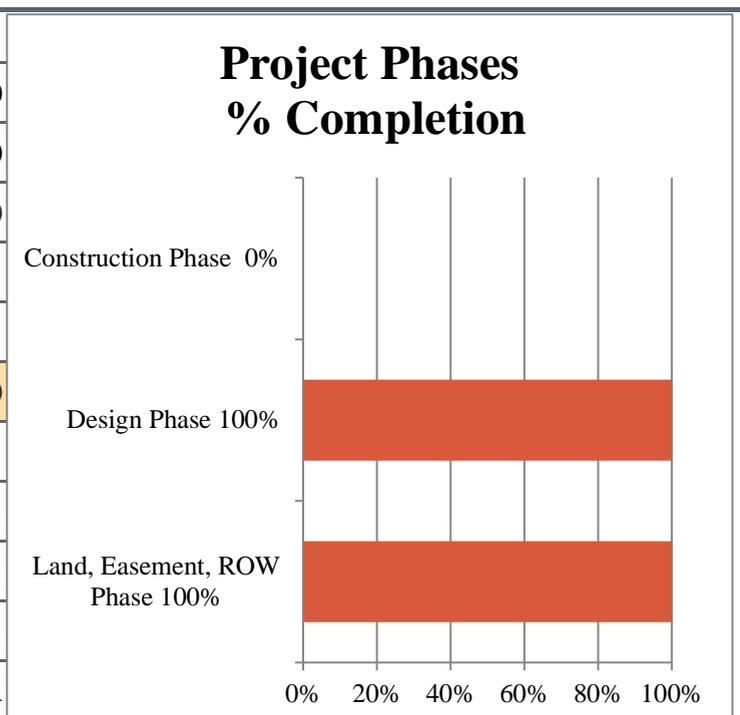


PROJECT INFORMATION

Project Name	TALL CEDARS PARKWAY AND POLAND ROAD INTERSECTION
Project Description	This project includes the installation of a new traffic signal and a westbound turn-lane on Tall Cedars Parkway to southbound Poland Road.
Project Type	Interchanges & Intersections
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
DTCI Contact	Elnour Adam, DTCI 571.258.3122 Elnour.Adam@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$87,520
Construction	\$537,480
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$625,000
Project Phase Progress:	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Fall 2016
Project Revenue(s)	
Cash Proffers	\$625,000
Revenue Total	\$625,000



Project Status Update:

The Traffic Signal Plan was approved by VDOT on February 10, 2014, and re-approved on May 14, 2015 as signal plan approval is valid for one year. The Construction Plan and Profiles (CPAP) was approved on April 18, 2014. In this quarter, the Invitation for Bid (IFB) was issued and construction bids were received on March 8, 2016. In the next quarter, the contract award for construction will be presented to the Board of Supervisors for approval, the contract will be executed and a kick off meeting is planned. The planned construction duration is 6 months. This project was previously planned for completion in Summer 2016 and is now anticipated for Fall 2016 based on the planned construction timeline.

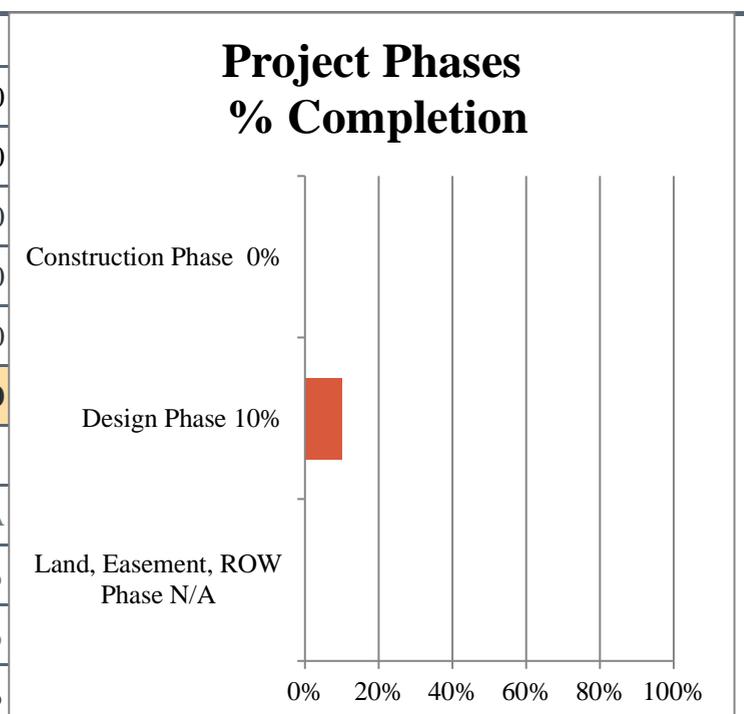


PROJECT INFORMATION

Project Name	TRAFFIC SIGNAL EMERGENCY BACKUP POWER SYSTEMS
Project Description	This project provides funding to equip specific, high priority traffic volume intersections in the County with backup, emergency power to keep key traffic signals in operation in the event of a prolonged widespread power outage.
Project Type	Interchanges & Intersections
Project Phase Funding	Design
Program Department Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
DTCI Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
Election District	Countywide
Supervisor	Countywide

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$90,950
Construction	\$774,050
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$865,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 10%	10%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Spring 2016
Project Revenue(s)	
Gas Tax	\$865,000
Revenue Total	\$865,000



Project Status Update:

DTCI drafted a scope of work to address the requirements for the 42 intersections identified by County public safety team. In this quarter, the final technical memorandum that documents an updated list of priority traffic signals to receive backup generators in the event of a widespread power outage and recommends equipment purchase was completed. Staff from DTCI, Sheriff's Office, and General Services and the consultant team met in February 2016 to review the findings. In the next quarter, staff will prepare an informational item to update the Board of Supervisors.

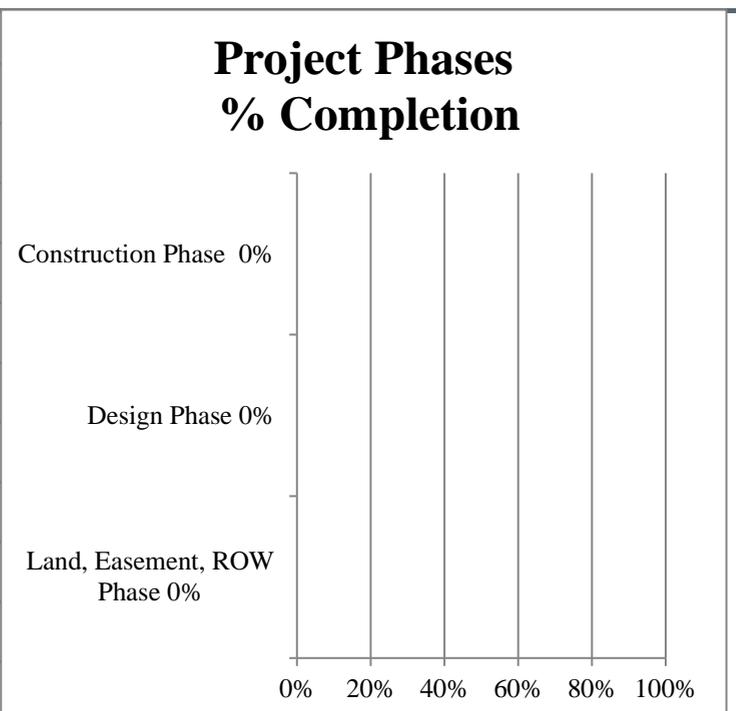


PROJECT INFORMATION

Project Name	WAXPOOL ROAD & LOUDOUN COUNTY PARKWAY INTERSECTION
Project Description	This project provides for the planning, design, Right of Way (ROW) acquisition and construction of intersection improvements at Loudoun County Parkway and Waxpool Road
Project Type	Interchanges & Intersections
Project Phase Funding	Design Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Kelly Griffin, DTCI 703.737.8299 Kelly.Griffin@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,000,000
Construction	\$235,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$1,235,000
Project Phase Progress:	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Summer 2017
Project Revenue(s)	
Cash Proffers	\$1,235,000
Revenue Total	\$1,235,000



Project Status Update:

In this quarter, a Purchase Order was issued on March 1, 2016 to Dewberry for intersection design. Survey of the project area and environmental assessments have been initiated. In the next quarter, design activities will continue.

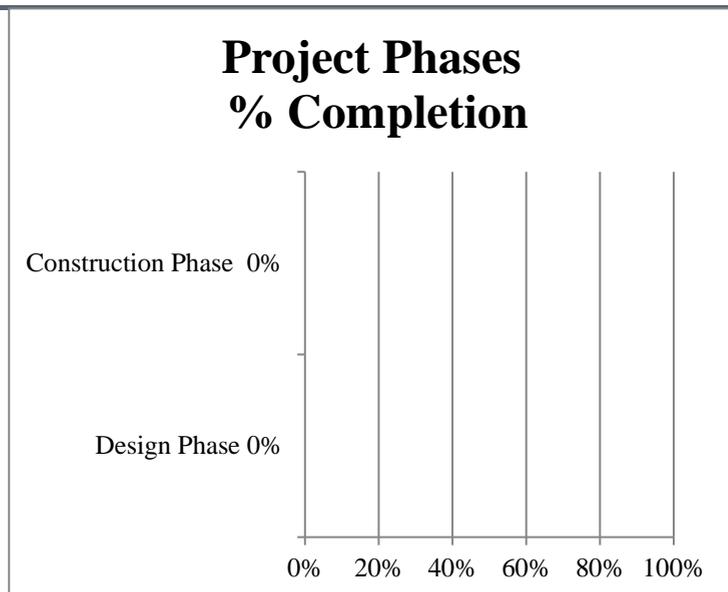


PROJECT INFORMATION

Project Name	ANIMAL SERVICES FACILITY
Project Description	This project funds the design and construction of a 25,000 square foot animal services facility to replace the existing County Animal Services facility in Waterford.
Project Type	Public Safety
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Nina Stively, Animal Services 703.771.5456 Nina.Stively@loudoun.gov
DTCI Contact	Sandy Hunter, DTCI 571.258.3034 Sandy.Hunter@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$2,050,000
Construction	\$11,755,000
FFE	\$1,690,000
Land	\$3,119,890
Proffered Land	\$0
Total Project Cost:	\$18,614,890
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	TBD
Project Revenue(s)	
General Obligation Bonds	\$15,370,000
Local Tax Funding	\$3,244,890
Total Revenue	\$18,614,890



Project Status Update:

In this quarter, the Proposal Analysis Group (PAG) consisting of DTCI and Animal Services staff reviewed the design firm proposals, conducted interviews of the higher rated firms, and chose a top rated firm. DTCI staff, Animal Services staff, and Procurement are negotiating the design fee and contract terms with the top rated firm. In the next quarter, an item will be presented to the Finance/Government Operations and Economic Development Committee and the Board of Supervisors for contract awards.

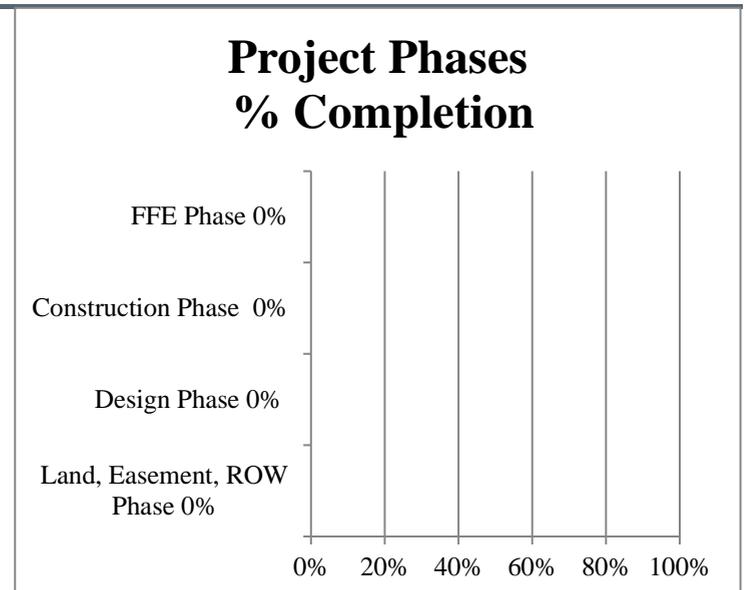


PROJECT INFORMATION

Project Name	ALDIE FIRE & RESCUE STATION
Project Description	This project constructs a 15,000 square feet Fire and Rescue Station in the Aldie area. Located along the Route 50 corridor this station will replace the existing Aldie Fire & Rescue Station.
Project Type	Public Safety Facilities
Project Phase Funding	Land Acquisition Phase, Design Phase, Construction Phase
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
DTCI Contact	Peter Hargreaves, DTCI 703.771.5564 Peter.Hargreaves@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$876,640
Construction	\$7,893,380
FFE	\$1,500,000
Land	\$4,589,550
Proffered Land	\$0
Total Project Cost:	\$14,859,570
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Summer 2018
Project Revenue(s)	
General Obligation Bonds	\$9,504,555
Local Tax Funding	\$5,355,015
Total Revenue	\$14,859,570



Project Status Update:

In this quarter, DTCI staff and Procurement prepared a Request for Proposal (RFP) to solicit a qualified architectural and engineering team capable of addressing the property's unique constraints in lieu of using a task order design firm. In the next quarter, the RFP will be advertised and the Proposal Analysis Group (PAG) will begin reviewing the architectural and engineering team proposals. Design contract award is anticipated in Fall 2016.

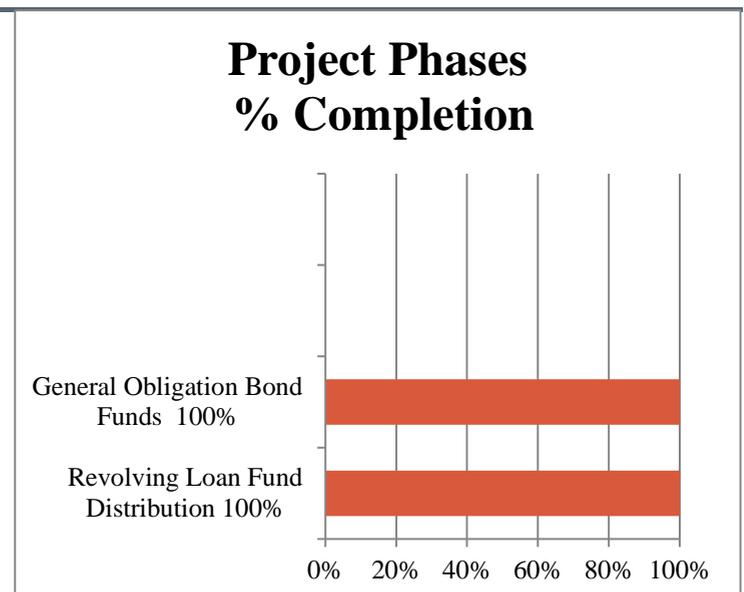


PROJECT INFORMATION

Project Name	ASHBURN VOLUNTEER FIRE & RESCUE STATION RENOVATION
Project Description	This project provides a financial contribution from the County to the Ashburn Volunteer Fire and Rescue company towards the cost of the Company's station renovation project.
Project Type	Public Safety Facilities
Project Phase Funding	Capital Contribution
Program Department Contact	John Sandy, County Administration 703.771.5962 John.Sandy@loudoun.gov
DFREM Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Computer Equipment & Furnishings	\$200,000
Capital Contribution	\$3,650,000
Revolving Loan Fund	\$2,400,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$6,250,000
Project Phase Progress:	
Revolving Loan Fund Distribution 100%	100%
General Obligation Bond Funds 100%	100%



Project Completion: Summer 2016

Project Revenue(s)	
General Obligation Bond Funds	\$3,620,550
Local Tax Funding	\$229,450
Revolving Loan Fund	\$2,400,000
Total Revenue	\$6,250,000

Project Status Update:

The Department of Management and Financial Services has developed an agreement with the Ashburn Volunteer Fire and Rescue Company (AVFRC) to distribute \$2,400,000 in approved Revolving Loan funds and establish a reimbursement process for the approved \$3,650,000 in General Obligation Bond financing for the Ashburn Fire and Rescue Station Renovation Project. Revolving Loan funds were distributed and received by the company in May 2014. General Obligation Bonds were sold to support this project on June 17, 2014 and are available under the reimbursement agreement. The AVFRC submitted a request for supplemental funding in the amount of \$1,835,000 for the Board's consideration in the FY 2016 Capital Improvement Program. The Board adopted a CIP Amendment to provide \$200,000 in the FY 2016 CIP for the Department of Fire, Rescue, and Emergency Management (DFREM) to purchase furniture and equipment for career staff and complete IT improvements. In this quarter, DFREM daily operations were moved into the new facility. The contractor is addressing final punch list items.

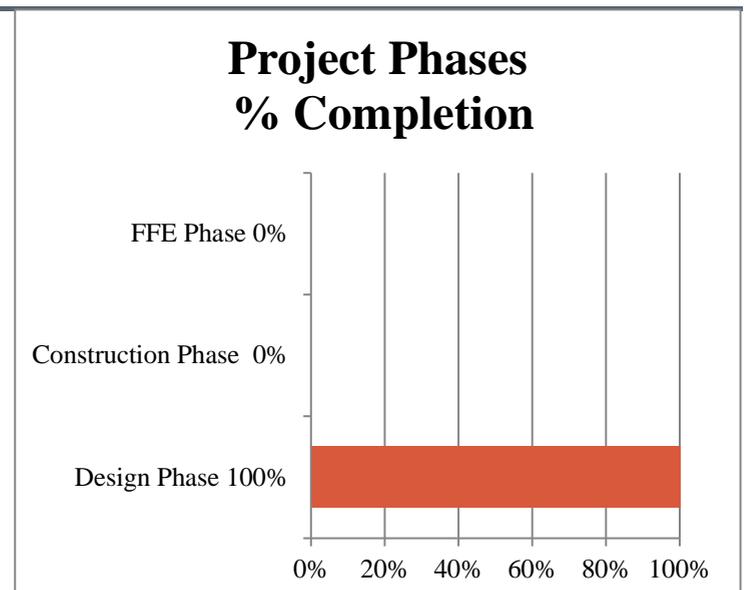


PROJECT INFORMATION

Project Name	ASHBURN SHERIFF STATION
Project Description	This project designs and constructs an 18,000 square feet Sheriff's Station on a county-owned site in the One Loudoun community to serve the greater Ashburn area.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Robert Buckman, Sheriff's Office 703.777.0154 Robert.Buckman@loudoun.gov
DTCI Contact	Nicholas Brown, DTCI 571.258.3435 Nicholas.Brown@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,520,330
Construction	\$9,359,670
FFE	\$840,000
Land	\$3,119,890
Proffered Land	\$0
Total Project Cost:	\$14,839,890
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
Construction Phase Completion:	Summer 2017
Project Revenue(s)	
Cash Proffers	\$11,720,000
Lease Revenue Financing	\$432,145
Local Tax Funding	\$2,687,745
Total Revenue	\$14,839,890



Project Status Update:

Bids for the project were received on May 21, 2015 and all bids were above the construction budget. Following completion of a value engineering exercise and approval of supplemental funding for the project, Callas Contractors was awarded the contract. In this quarter, a kick off meeting was held, the contractor prepared preconstruction submittals for approval and Notice to Proceed was issued on March 21, 2016. In the next quarter, a Ground Breaking Ceremony is planned for April 25, 2016, the contractor will mobilize onsite and begin Erosion & Sediment (E&S) measures, underground utilities and building foundation work. The construction duration is 490 days and completion is planned for Summer 2017.

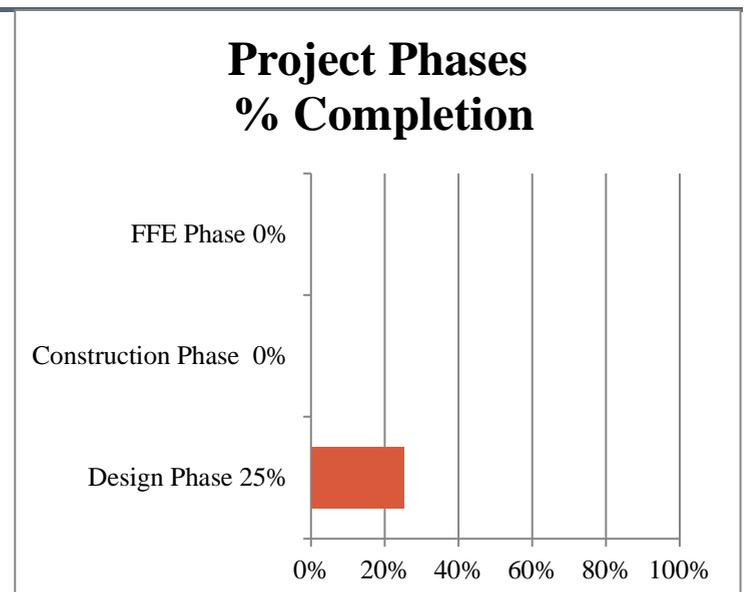


PROJECT INFORMATION

Project Name	COURTS PHASE III
Project Description	This project provides for the design of a new 92,000 square foot courthouse building to house the General District Court and Court administrative support programs. Construction phase funding is included in the FY 2015 CIP to include parking and renovation of the existing Courthouse.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Joe Kroboth, DTCI 703.771.5107 Joe.Kroboth@loudoun.gov
DTCI Contact	Peter Hargreaves, DTCI 703.771.5564 Peter.Hargreaves@loudoun.gov
Election District	Leesburg
Supervisor	Umstatt

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$7,563,290
Construction	\$14,747,430
FFE	\$0
Land	\$500,000
Proffered Land	\$0
Total Project Cost:	\$22,810,720
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 25%	25%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	TBD
Project Revenue(s)	
Lease Revenue Financing	\$20,300,000
Local Tax funding	\$2,510,720
Total Revenue	\$22,810,720



Project Status Update:

In this quarter, the Leesburg Town Council approved the Pennington lot rezoning application, Town Plan Amendment, and Proffer Amendment on February 23, 2016. On March 21, 2016, the Leesburg Board of Architectural Review (BAR) approved the Certificates of Appropriateness (COAs) for the proposed courthouse. All legislative approvals have been obtained from the Town of Leesburg for the courthouse and Pennington lot parking structure. The Site Plan for the Pennington lot parking structure was submitted to the Town on March 4, 2016. In the next quarter, processing of the Pennington lot Site Plan will continue and detailed design for the courthouse will proceed.

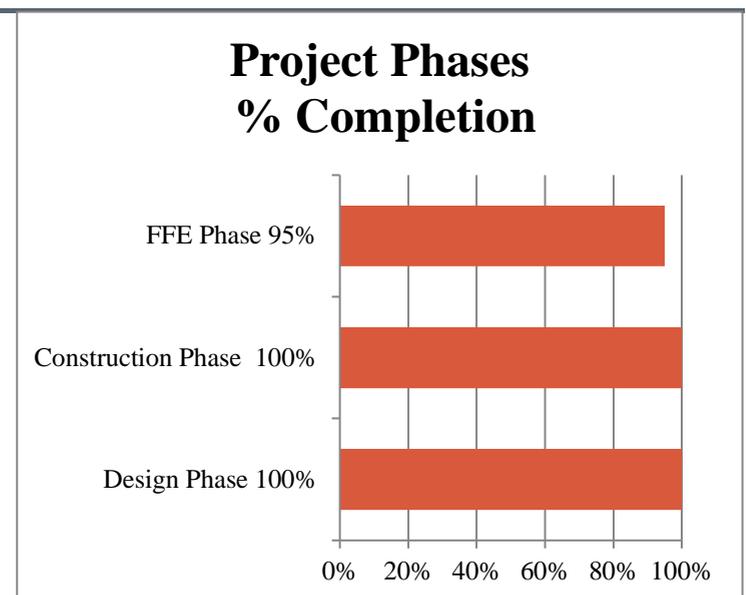


PROJECT INFORMATION

Project Name	FIRE & RESCUE TRAINING PROP LOTS
Project Description	This project designs and constructs training props to simulate a range of fire and rescue emergency situations to train staff.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
DTCI Contact	Nicholas Brown, DTCI 571.258.3435 Nicholas.Brown@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$493,235
Construction	\$1,467,890
FFE	\$142,420
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$2,103,545
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 100%	100%
FFE Phase 95%	95%
FFE Phase Completion:	TBD
Project Revenue(s)	
Cash Proffers	\$2,074,000
Local Tax Funding	\$29,545
Total Revenue	\$2,103,545



Project Status Update:

In this quarter, there was no additional work on the project as final notification from Washington Metropolitan Area Transit Authority (WMATA) is pending. The County awaits notification from WMATA of rail car availability as the project is now within the delivery timeframe identified by WMATA. The original delivery window was targeted for Fall/Winter 2015.

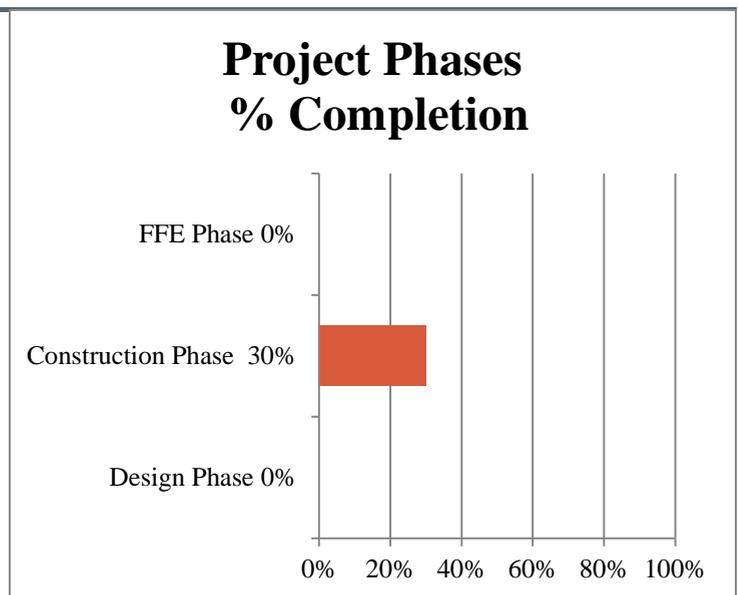


PROJECT INFORMATION

Project Name	FIRE STATION ALERTING SYSTEMS
Project Description	This project upgrades existing older stations with new incident alerting technology. Stations scheduled to be upgraded include: Dulles South PSC, Hamilton, Philomont, Loudoun Rescue-Leesburg, Sterling and Leesburg Fire.
Project Type	Public Safety Facilities
Project Phase Funding	Construction
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
Project Contact	Kevin Wright, DFREM 703.777.0434 Kevin.Wright@loudoun.gov
Election District	Catoctin, Blue Ridge, Leesburg, Sterling, Dulles
Supervisor	Higgins, Buffington, Umstattd, Saines, Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$0
FFE	\$740,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$740,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 0%	0%
Construction Phase 30%	30%
FFE Phase 0%	0%
Construction Phase Completion:	Fall 2016
Project Revenue(s)	
Local Tax Funding	\$740,000
Total Revenue	\$740,000



Project Status Update:

In this quarter, the functionality of the design changes made by the system vendor were verified at the Dulles South Public Safety Center (PSC). The vendor has provided system designs for next two facilities, Philomont Fire & Rescue Station and Hamilton PSC. In the next quarter, system installation work will commence on the remaining stations, Loudoun County Rescue Station (Leesburg) and Cascades PSC. System installations are expected to be completed by Fall 2016.

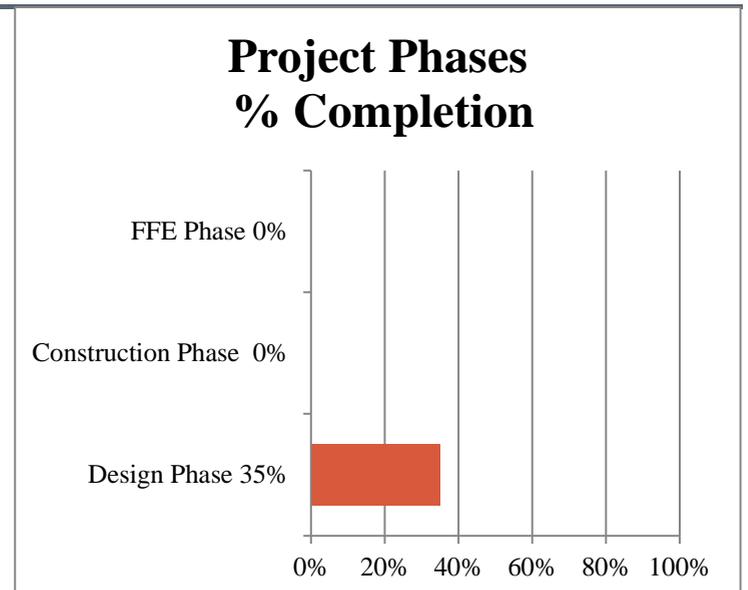


PROJECT INFORMATION

Project Name	JUVENILE DETENTION CENTER
Project Description	This project designs and constructs a new 40-bed Juvenile Detention Center on the Government Support Center site off of Sycolin Road in Leesburg.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Hope Stonerook, Family Services 703.771.5388 Hope.Stonerook@loudoun.gov
DTCI Contact	Sandy Hunter, DTCI 571.258.3034 Sandy.Hunter@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,108,000
Construction	\$11,248,930
FFE	\$55,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$12,411,930
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 35%	35%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Fall 2016
Project Revenue(s)	
Lease Revenue Financing	\$12,015,000
State Grant	\$396,930
Revenue Total	\$12,411,930



Project Status Update:

In this quarter, facility design continued. In the next quarter, the facility site will be surveyed and the Site Plan will be prepared. The design phase is planned for completion Fall 2016.

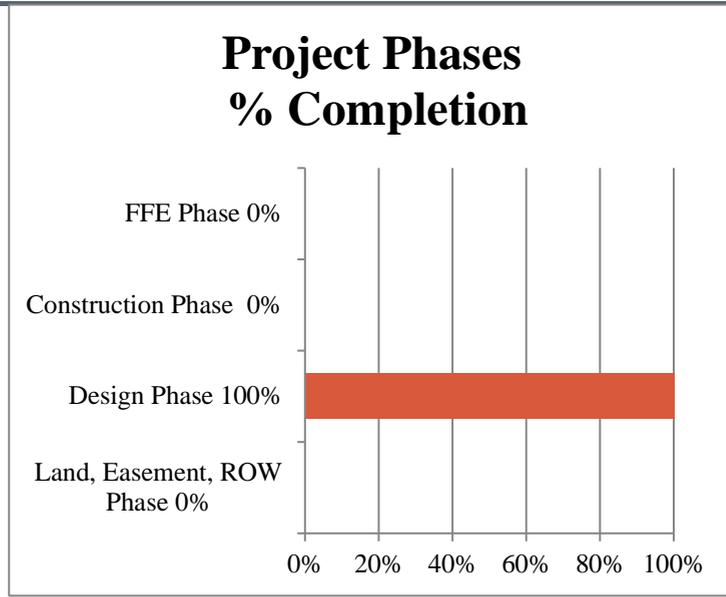


PROJECT INFORMATION

Project Name	KIRKPATRICK FIRE & RESCUE STATION
Project Description	This project provides funding to design and construct a new 13,000 - 15,000 square foot Fire & Rescue Station in the Dulles Planning Subarea of the County on a proffered 5-acre site south of Braddock Road and west of Loudoun County Parkway.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
DTCI Contact	Peter Hargreaves, DTCI 703.771.5564 Peter.Hargreaves@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$2,005,000
Construction	\$8,825,000
FFE	\$2,100,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$12,930,000
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Spring 2016
Project Revenue(s)	
Local Tax Funding	\$2,500,000
Cash Proffers	\$10,430,000
Total Revenue	\$12,930,000



Project Status Update:

In this quarter, the site was conveyed from the developer to the County on January 29, 2016. Final revisions are being made to address remaining Building & Development (B&D) comments to the project's Site Plan. An Invitation for Bid (IFB) has been drafted. In the next quarter, Site Plan approval is anticipated, the IFB will be advertised, and an item will be prepared for Finance/Government Operations and Economic Development Committee and Board of Supervisors action to award a construction contract. The target date for construction to begin is Summer 2016, with Fall 2018 completion anticipated.

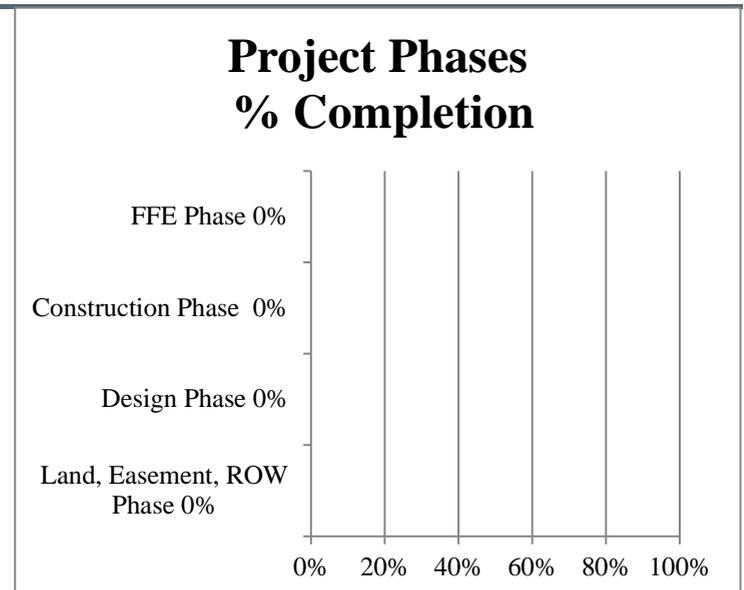


PROJECT INFORMATION

Project Name	LOVETTSVILLE FIRE STATION REPLACEMENT
Project Description	This project provides the funding for the first phase to replace the Lovettsville Fire & Rescue Station. The first phase stabilizes the current site with acceptable crew quarters and furnishing. Design and construction phase funding are planned for FY 2017.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
Project Contact	Kevin Wright, DFREM 703.777.0434 Kevin.Wright@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$420,000
Construction	\$580,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$1,000,000
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	TBD
Project Revenue(s)	
Local Tax Funding	\$1,000,000
Total Revenue	\$1,000,000



Project Status Update:

In this quarter, the Department of Fire, Rescue, and Emergency Management (DFREM) met with leadership of Lovettsville Volunteer Fire Company (LVFC) to review studies outlining the type of improvements needed for staff to continue working out of the current facility and possible locations for the new facility. In the next quarter, the LVFC will be providing DFREM and DTCI their decision on new facility location on their parcel. That decision will determine if DFREM will continue to operate out of current facility until the new one is built or if a temporary facility needs to be constructed. Design of a new facility will begin the first quarter for FY17 (Summer 2016).

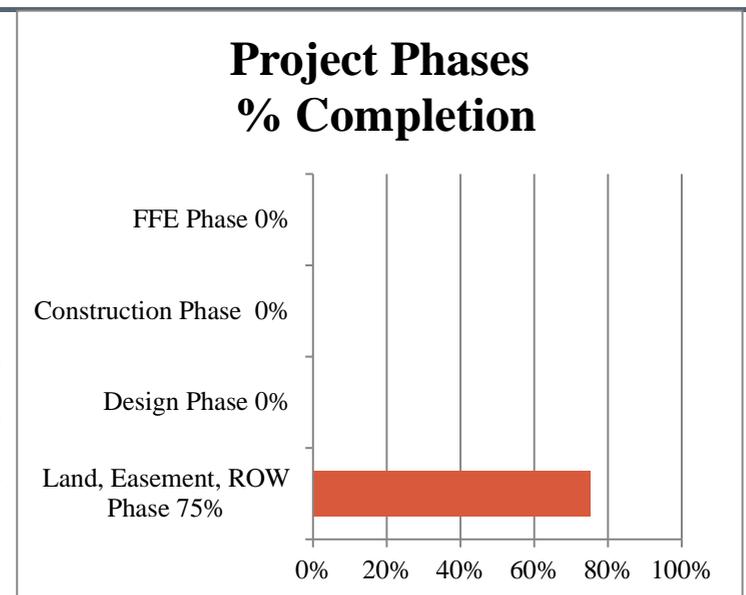


PROJECT INFORMATION

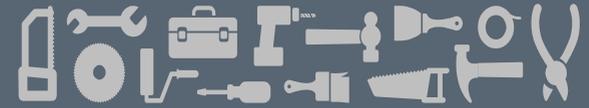
Project Name	LUCKETTS FIRE & RESCUE STATION REPLACEMENT
Project Description	This project provides funding to design and construct a 15,000 square foot fire and rescue station to replace the existing Lucketts Volunteer Fire and Rescue Station.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
DTCI Contact	Dawn Klassen, DTCI 571.258.3252 Dawn.Klassen@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,370,000
Construction	\$7,920,000
FFE	\$2,200,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$11,490,000
Project Phase Progress:	
Land, Easement, ROW Phase 75%	75%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	TBD
Project Revenue(s)	
General Obligation Bonds	\$11,490,000
Total Revenue	\$11,490,000



Project Status Update:
 In this quarter, settlement was held on March 31, 2016 to acquire the land needed to develop the replacement fire & rescue station. In the next quarter, a Purchase Order (PO) will be issued to a task order design consultant to begin design of the replacement station.

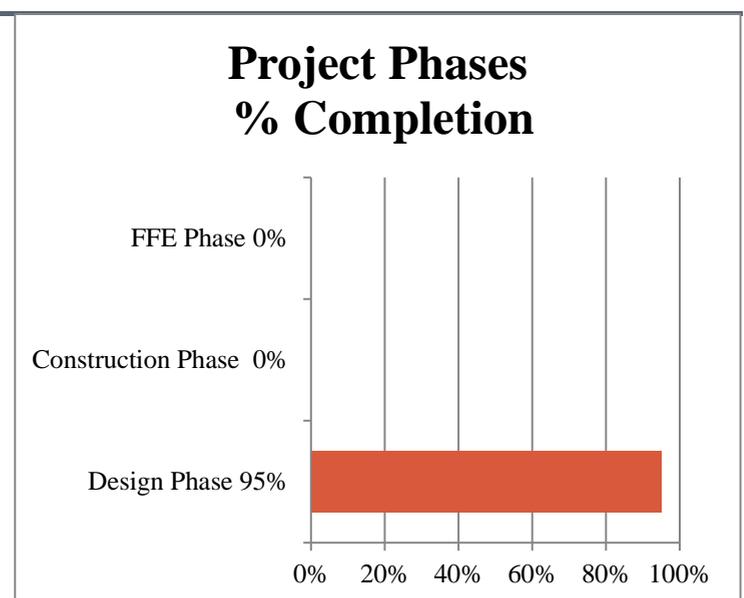


PROJECT INFORMATION

Project Name	PUBLIC SAFETY FIRING RANGE
Project Description	This project designs and constructs an indoor firing range facility to provide firearms training for public safety staff. The indoor facility will be constructed on a developer proffered land site owned by the County.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Bev Tate, Sheriff's Office 571.258.3864 Bev.Tate@loudoun.gov
DTCI Contact	Peter Hargreaves, DTCI 703.771.5564 Peter.Hargreaves@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,990,000
Construction	\$18,940,890
FFE	\$369,110
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$21,300,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	0%
Design Phase 95%	95%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Fall 2016
Project Revenue(s)	
Lease Revenue Financing	\$16,000,000
Local Tax Funding	\$5,300,000
Revenue Total	\$21,300,000



Project Status Update:

In this quarter, the design consultant, Clark Nexsen, prepared Site Plan documents for the Firing Range site, initiated clearing work to install on site drinking wells, and initiated survey work for the left turn lane addition on southbound Evergreen Mills Road to eastbound Shreve Mill Road as required by the facilities Special Exception (SPEX) Conditions of Approval. In the next quarter, Site Plan will be submitted to Building and Development (B&D) for review. The design phase is planned for completion Fall 2016.

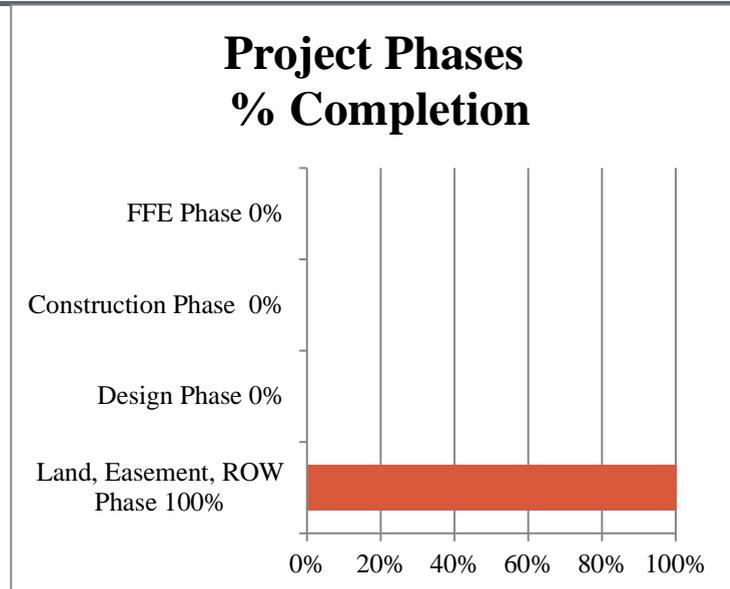


PROJECT INFORMATION

Project Name	STERLING FIRE AND RESCUE STATION REPLACEMENT
Project Description	This project provides funding to design and construct a new 22,000 square foot replacement station for the Sterling Volunteer Fire and Rescue Companies.
Project Type	Public Safety Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
DTCI Contact	Peter Hargreaves, DTCI 703.771.5564 Peter.Hargreaves@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$2,225,000
Construction	\$12,746,000
FFE	\$1,250,000
Land	\$2,200,000
Proffered Land	\$0
Total Project Cost:	\$18,421,000
Project Phase Progress:	
Land, Easement, ROW Phase	100%
Design Phase	0%
Construction Phase	0%
FFE Phase	0%
Design Phase Completion:	Fall 2017
Project Revenue(s)	
General Obligation Bonds	\$16,480,000
Cash Proffers	\$1,941,000
Total Revenue	\$18,421,000



Project Status Update:

In this quarter, attorneys for the Sterling Volunteer Fire Company and Sterling Volunteer Rescue Company continued to work with the County Attorney's Office on an ownership agreement for the new facility and land. Design on the new facility will begin when an agreement is finalized. Design is anticipated to begin Summer 2016.

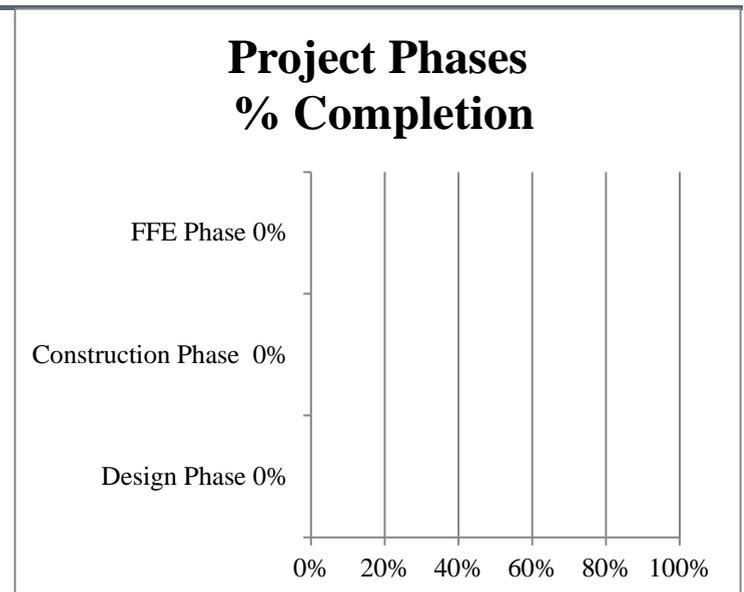


PROJECT INFORMATION

Project Name	TRAFFIC SIGNAL PREEMPTION DEVICES
Project Description	This project provides funding to equip seventy-six key intersections in the County with traffic signal preemption devices.
Project Type	Public Safety Facilities
Project Phase Funding	Construction
Program Department Contact	Keith Brower, Chief, DFREM 703.777.0435 Keith.Brower@loudoun.gov
Project Contact	Kevin Wright, DFREM 703.777.0434 Kevin.Wright@loudoun.gov
Election District	Countywide
Supervisor	Countywide

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$0
Alterations to Signals	\$1,570,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$1,570,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase 0%	0%
Construction Phase Completion:	TBD
Project Revenue(s)	
Local Tax Funding	\$1,570,000
Total Revenue	\$1,570,000



Project Status Update:

In this quarter, the Department of Fire, Rescue, and Emergency Management (DFREM) was finalizing a scope of work for the work group formed for this project. The work group will be responsible for determining the system type, intersection priorities, policies and procedures. In the next quarter, the work group will be set.

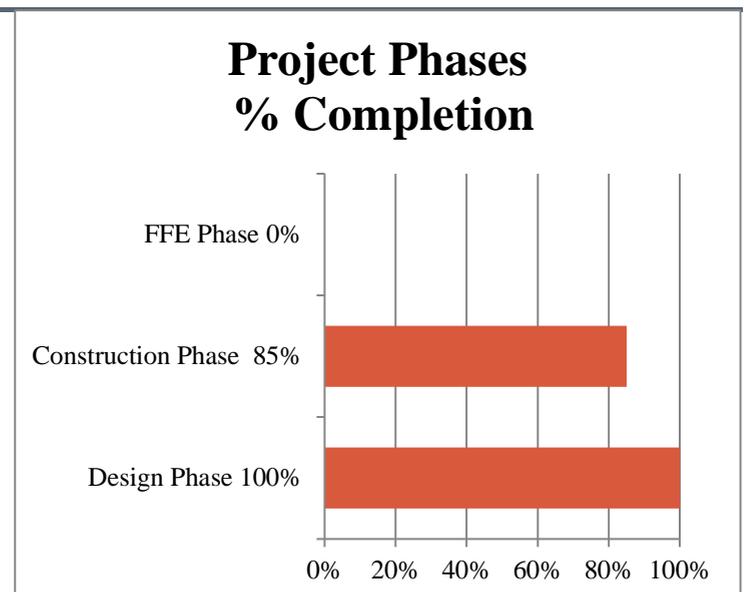


PROJECT INFORMATION

Project Name	WESTERN LOUDOUN SHERIFF STATION
Project Description	This project designs and constructs an 8,700 square foot Sheriff Station on a county-owned site adjacent to the Town of Round Hill to serve western Loudoun County.
Project Type	Public Safety Facilities
Project Phase Funding	Construction Phase
Program Department Contact	Robert Buckman, Sheriff's Office 703.777.0154 Robert.Buckman@loudoun.gov
DTCI Contact	Robert Edwards, DTCI 703.771.5320 Robert.Edwards@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,423,880
Construction	\$5,211,120
FFE	\$300,000
Land	\$1,232,720
Proffered Land	\$0
Total Project Cost:	\$8,167,720
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 85%	85%
FFE Phase 0%	0%
Construction Phase Completion:	Summer 2016
Project Revenue(s)	
General Obligation Bonds	\$7,904,600
Local Tax Funding	\$263,120
Total Revenue	\$8,167,720



Project Status Update:

A contract was awarded to Lantz Construction Company of Winchester Inc. in Winter 2015 and work is ongoing. In this quarter, finishes installation continued including millwork, fence installation and commissioning activities began. The contractor was awarded 7 weather days in this quarter. In the next quarter, systems start up and commissioning will be underway, landscaping installation, final sitework and paving will occur and training and punchlist will begin. Construction completion has been delayed from Spring 2016 to Summer 2016 based on weather impacts and additional contract time due to equipment failure of a key HVAC component caused by the impact of the January 2016 blizzard.



PROJECT INFORMATION

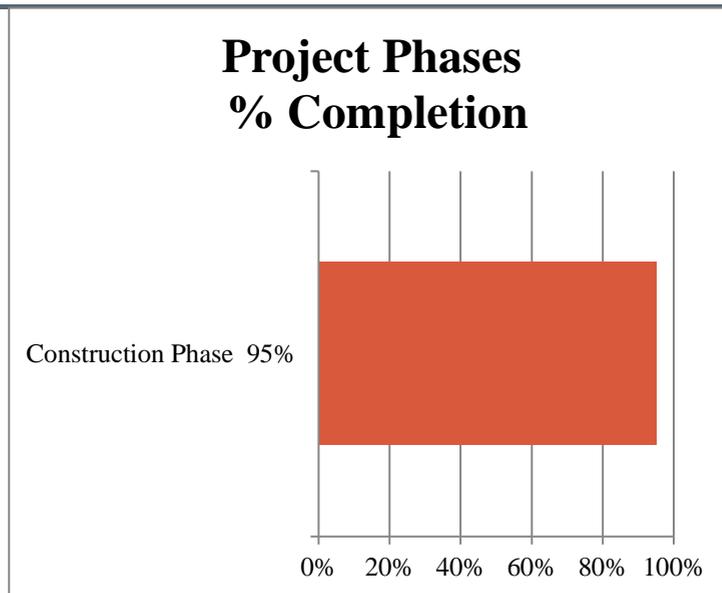
Project Name	ATHLETIC FIELD IMPROVEMENTS
Project Description	This project funds turf and irrigation upgrades to 25 athletic fields at Elementary and Middle school sites throughout the County to improve playing field conditions.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Construction Phase
Program Department Contact	Steve Torpy, PRCS 703.777.0345 Steve.Torpy@loudoun.gov
Project Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
Election District	Countywide
Supervisor	Countywide

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$2,100,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$2,100,000

Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase N/A	N/A
Construction Phase 95%	95%
FFE Phase	N/A
Construction Phase Completion:	Fall 2016

Project Revenue(s)	
General Obligation Bonds	\$2,100,000
Total Revenue	\$2,100,000



Project Status Update:

In this quarter, renovation work started on the Countryside Elementary School field. In the next quarter, renovation work will be completed at Countryside Elementary School and work will begin on the Arcola Elementary School fields. Fields at the last two remaining schools, Arcola and Liberty Elementary Schools will be renovated in Summer 2016 and Fall 2016, respectively. Since a well cannot be installed at Blue Ridge Middle School, a request will be made to move funds to another school. These are the last of the 25 field renovations funded as part of this project. Since there will be no irrigation at Liberty Elementary School, the renovation work cannot occur until Fall 2016 in order to preserve the field. Therefore, project completion is expeted by Fall 2016.

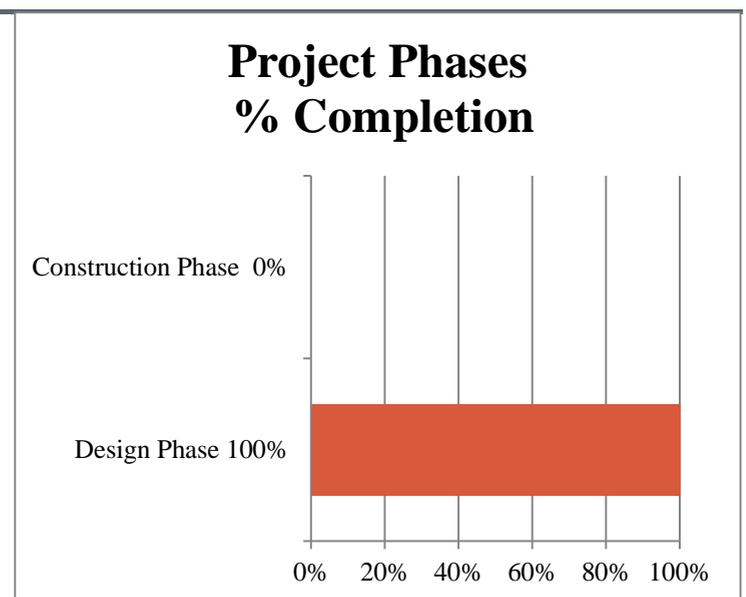


PROJECT INFORMATION

Project Name	BLES PARK RESTROOMS
Project Description	This project provides funding to install a public restroom building in Bles Park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Bill Clark, DTCI 703.737.8822 Bill.Clark@loudoun.gov
Election District	Algonkian
Supervisor	Volpe

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$65,000
Construction	\$216,450
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$281,450
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Summer 2016
Project Revenue(s)	
Cash Proffers	\$281,450
Revenue Total	\$281,450



Project Status Update:

In this quarter, DTCI staff reviewed shop drawings provided by the pre-manufactured restroom vendor, Smith-Midland, and provided comments to Smith-Midland so the building meets PRCS requirements. Smith-Midland is updating the shop drawings. In the next quarter, Smith-Midland will submit a Building Permit application to Building & Development (B&D) and a delivery schedule will be established. Construction completion is planned for Summer 2016.

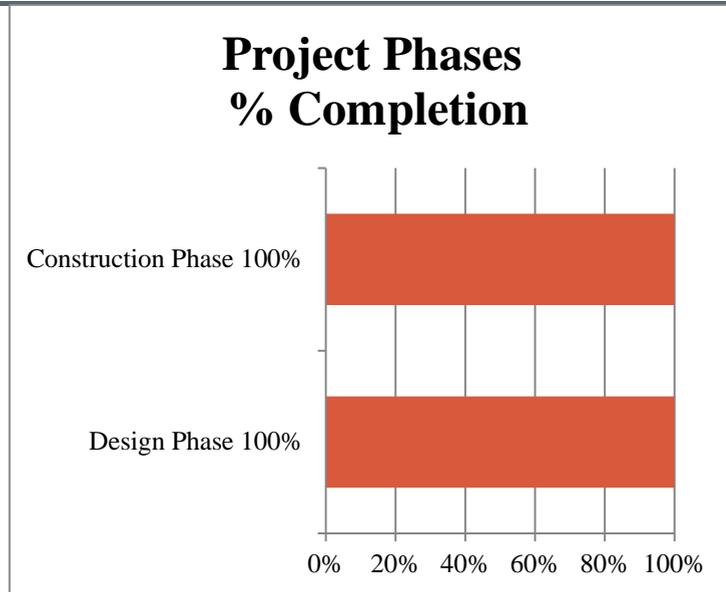


PROJECT INFORMATION

Project Name	BRAMBLETON DISTRICT PARK - EAST
Project Description	This project designs and constructs a District Park which will consist of nine athletic fields on approximately 26 acres east and 33 acres west of Belmont Ridge Road (Route 659) in the Brambleton community. This page reports on the Eastern portion of the overall project.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Nicholas Brown, DTCI 571.258.3435 Nicholas.Brown@loudoun.gov
Election District	Dulles, Blue Ridge
Supervisor	Letourneau, Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$655,900
Construction	\$7,219,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$7,874,900
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase 100%	100%
Construction Phase 100%	100%
FFE Phase	N/A
Construction Completion (East):	Winter 2016
Project Revenue(s)	
Cash Proffers	\$7,524,900
Local Tax Funding	\$350,000
Revenue Total	\$7,874,900



Project Status Update:

Jeffrey Stack Inc. was awarded the construction contract September 2014 and the work was completed this quarter. The fields reopened for use in early September 2015. The restroom facilities opened for use in late March 2016.

*Budget and Revenue listed includes design and construction for the Eastern and Western Park projects combined.

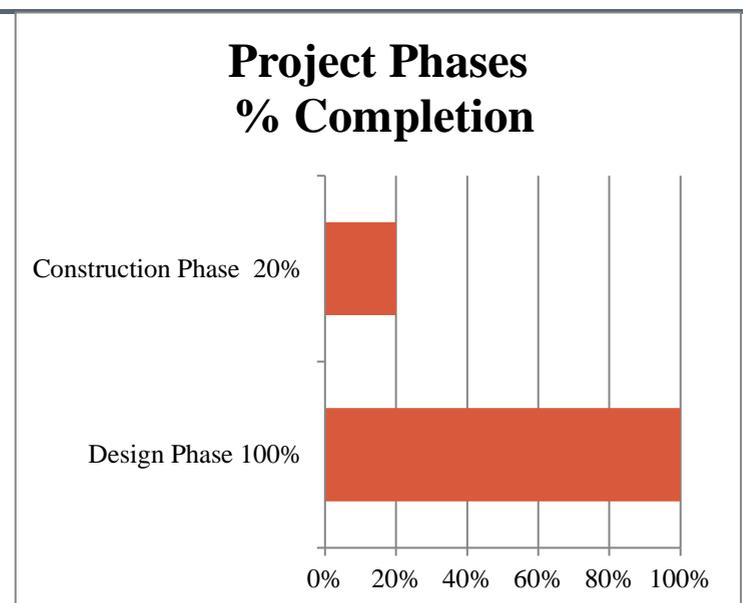


PROJECT INFORMATION

Project Name	BRAMBLETON DISTRICT PARK - WEST
Project Description	This project designs and constructs a District Park which will consist of nine athletic fields on approximately 26 acres east and 33 acres west of Belmont Ridge Road (Route 659) in the Brambleton community. This page reports on the Western portion of the overall project.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Nicholas Brown, DTCI 571.258.3435 Nicholas.Brown@loudoun.gov
Election District	Dulles, Blue Ridge
Supervisor	Letourneau, Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$655,900
Construction	\$7,219,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$7,874,900
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 20%	20%
FFE Phase	N/A
Construction Completion (West):	Fall 2016
Project Revenue(s)	
Cash Proffers	\$7,524,900
Local Tax Funding	\$350,000
Revenue Total	\$7,874,900



Project Status Update:

FHP Techtonics began work in December 2015. In this quarter, underground utilities, lighting, clearing and grading activities were underway. The contractor was awarded 12 weather days in this quarter. In the next quarter, sports field lighting installation will continue, fencing at the fields, scoreboards and asphalt work activities are planned. Construction completion is planned for Fall 2016.

*Budget and Revenue listed includes design and construction for the Eastern and Western Park projects combined.

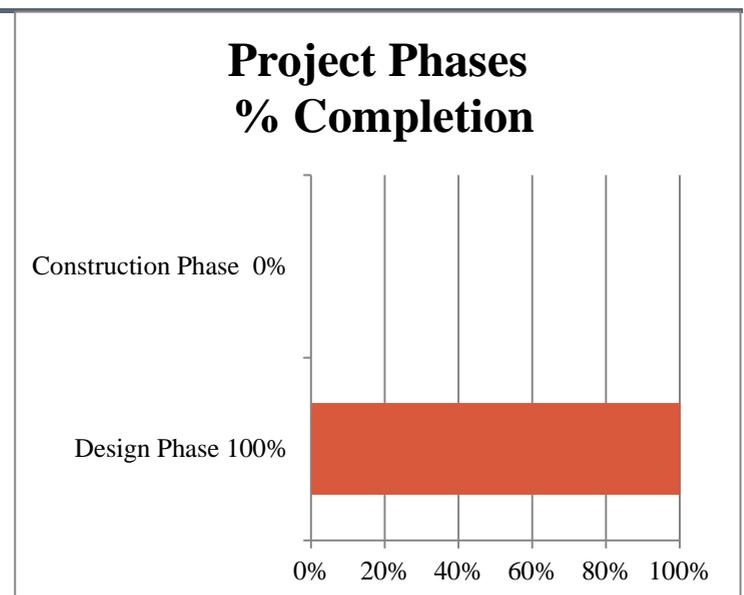


PROJECT INFORMATION

Project Name	CLAUDE MOORE PARK RESTROOMS & LIGHTS
Project Description	This project funds the installation of a public restroom building in Claude Moore Park and lights a football field in the active recreation area.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$100,000
Construction	\$360,505
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$460,505
Project Phase Progress:	
Land, Easement, ROW Phase 30%	30%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	TBD
Project Revenue(s)	
Cash Proffers	\$460,505
Revenue Total	\$460,505



Project Status Update:

In this quarter, the Site Plan Amendment (SPAM) for the restroom and concession building addition was approved by Building & Development (B&D) on February 4, 2016. Easement documents are being prepared for LCPS review for a sanitary sewer easement onto Park View HS. In the next quarter, an Invitation for Bid (IFB) will be finalized to bid the procurement and construction of the restroom and concession building along with buildings at two other PRCS parks. Upon award, DTCI will work with the successful contractor to develop a construction schedule to complete the project. After contract award, DTCI will work with PRCS to determine if adequate funding exists for additional field lighting.

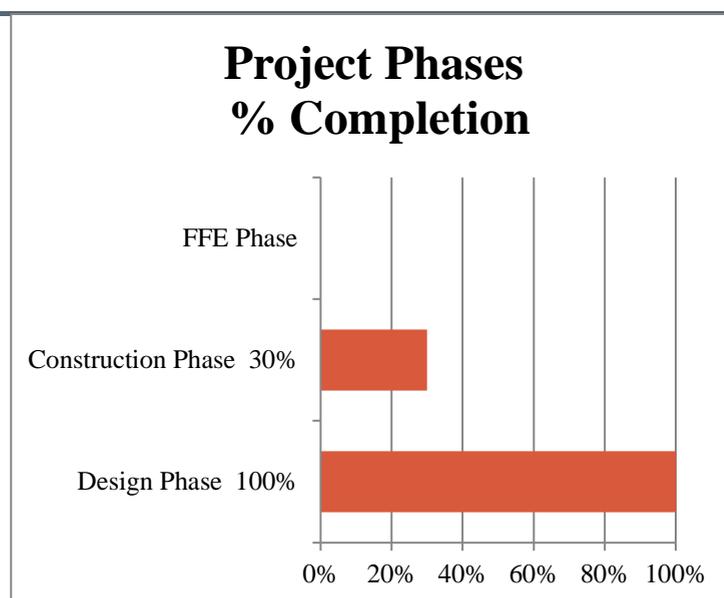


PROJECT INFORMATION

Project Name	DULLES SOUTH MULTIPURPOSE CENTER PHASE II
Project Description	This project provides for the design and construction of an approximately 80,000 square foot addition to the Dulles South Multipurpose Center. The program includes recreation and fitness areas, program facilities and an aquatics center.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Bill Clark, DTCI 703.737.8822 Bill.Clark@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,534,445
Construction	\$39,635,555
FFE	\$1,250,000
Land	
Proffered Land	
Total Project Cost:	\$42,420,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 30%	30%
FFE Phase	0%
Construction Phase Completion:	Spring 2017
Project Revenue(s)	
General Obligation Bonds	\$23,155,000
Cash Proffers	\$19,265,000
Total Revenue	\$42,420,000



Project Status Update:

Forrester Construction Company was awarded the contract for construction in June 2015. In this quarter, steel erection was underway, some roof decking began, footings continued as did slab pours in various areas including the competition pool area. The contractor was awarded 5 weather days in this quarter. In the next quarter, steel erection will continue with completion planned in April 2016 and a Topping Out celebration is planned for April 26, 2016. Additionally, in the next quarter, roof decking, roofing and exterior wall construction including framing and masonry will begin. Construction completion is planned for Spring 2017.

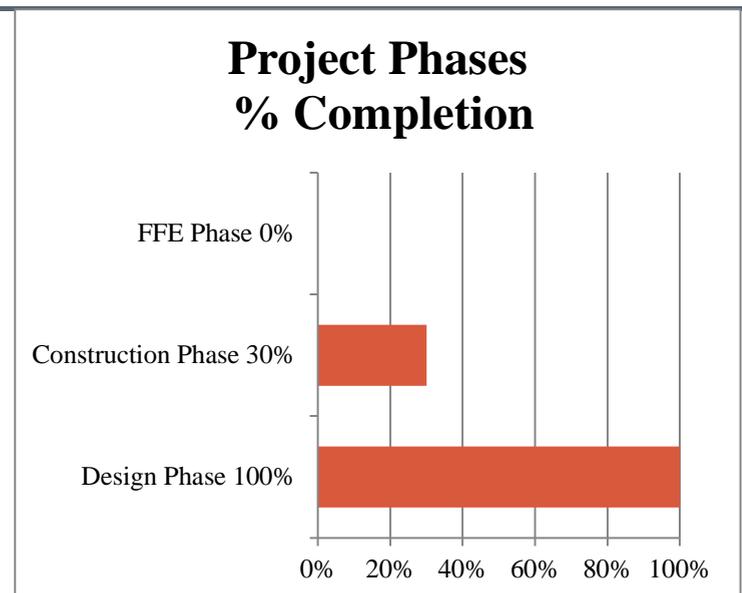


PROJECT INFORMATION

Project Name	DULLES SOUTH MULTIPURPOSE CENTER PHASE III
Project Description	This project provides for the design of an approximately 15,000 square foot Senior Center addition to the Dulles South Multipurpose Center.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Bill Clark, DTCI 703.737.8822 Bill.Clark@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$675,000
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$675,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 30%	30%
FFE Phase 0%	0%
Construction Phase Completion:	Spring 2017
Project Revenue(s)	
Local Tax Funding	\$675,000
Revenue Total	\$675,000



Project Status Update:

Forrester Construction Company was awarded the contract for construction in June 2015. In this quarter, steel erection was underway, some roof decking began, footings continued as did slab pours in various areas including the competition pool area. The contractor was awarded 5 weather days in this quarter. In the next quarter, steel erection will continue with completion planned in April 2016 and a Topping Out celebration is planned for April 26, 2016. Additionally, in the next quarter, roof decking, roofing and exterior wall construction including framing and masonry will begin. Construction completion is planned for Spring 2017.

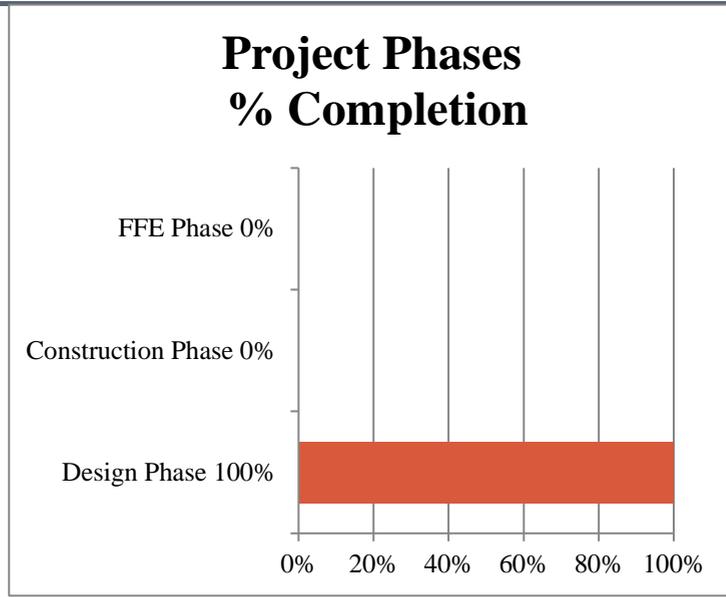


PROJECT INFORMATION

Project Name	EDGAR TILLET MEMORIAL PARK
Project Description	This project provides funding to add a public restroom building, concessions, additional parking, trails and a playground to Edgar Tillett Memorial Park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Kiran Parikh, DTCI 703.737.8022 Kiran.Parikh@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$449,915
Construction	\$1,921,375
FFE	\$8,115
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$2,379,405
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
Construction Phase Completion:	Spring 2017
Project Revenue(s)	
Cash Proffers	\$2,379,405
Revenue Total	\$2,379,405



Project Status Update:

In this quarter, bid documents and a draft Invitation for Bid (IFB) were finalized. Although bid documents are complete, the project will not be advertised until Spring/Summer 2016 and construction will not begin until late Summer/Fall 2016. Deferment of bidding and construction are necessary since construction is occurring at nearby Brambleton Park West to upgrade the baseball fields and add athletic lights from Fall 2015 through Summer 2016. Brambleton Park West will be shut down during this construction period and PRCS needs to keep Edgar Tillett Park fully operational during the period to meet field demands. Once the Brambleton Park West improvements are complete and operational (targeted for Fall 2016), Edgar Tillett Park will be shut down to construct the proposed improvements. Construction completion is planned for Spring 2017.

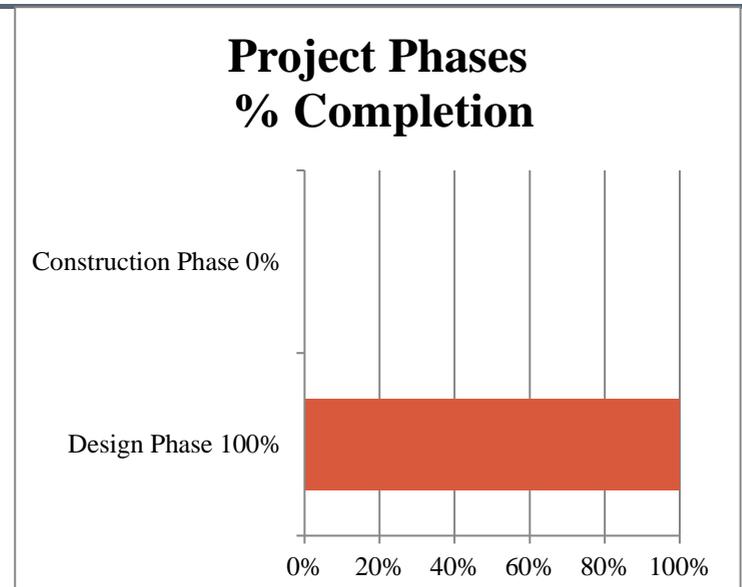


PROJECT INFORMATION

Project Name	E.E. LAKE STORE
Project Description	This projects converts the EE Lake General Store into a Bluemont Area Welcome Center. The Bluemont Citizens Association in partnership with the Loudoun County Department of Parks, Recreation and Community Services will open the center to the public providing hikers and bikers a rest stop. The project adds public restroom facilities to the building.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Melissa Tello, DTCI 703.737.8054 Melissa.Tello@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$164,080
Construction	\$481,220
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$645,300
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Spring 2017
Project Revenue(s)	
MAP-21 Funding	\$400,000
Local Tax Funding	\$200,000
TOT Funding	\$45,300
Total Revenue	\$645,300



Project Status Update:
 An Invitation for Bid (IFB) was issued and no bids were received on December 10, 2015. In this quarter, the IFB was updated and re-issued for bid on March 8, 2016. In the next quarter, bids will be received and reviewed by VDOT as required by the project's Moving Ahead for Progress in the 21st Century (MAP-21) funding and a contract will be awarded. A 9 month construction duration is planned. This project was previously reported with construction completion in Fall 2016, however based on the receipt of no bids with the initial IFB and the re-issuance of the IFB in March 2016 and VDOT review of the bids upon receipt, construction is planned for completion in Spring 2017.

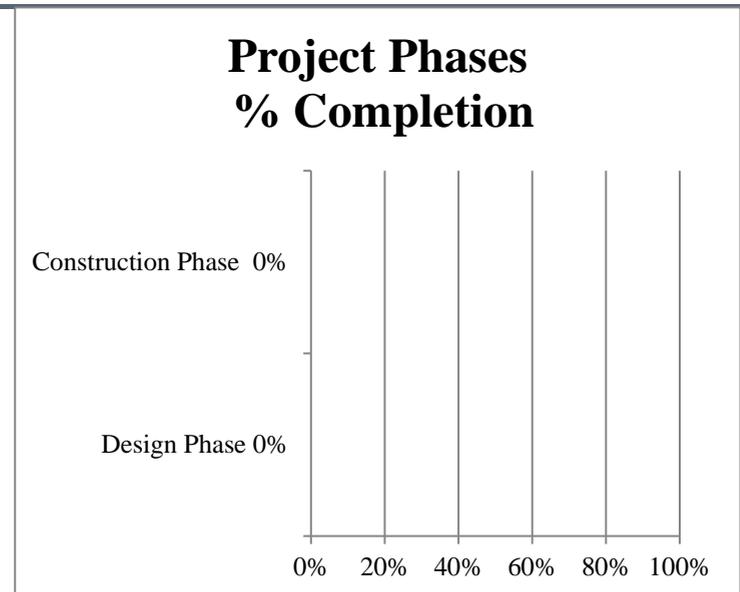


PROJECT INFORMATION

Project Name	FIELDS FARM PARK - ULYFL STADIUM AND SOFTBALL FIELD LIGHTS
Project Description	This project funds the development of a football stadium at Fields Farm Park and lights at the softball fields. These amenities will be developed through an agreement between Loudoun County and the Upper Loudoun Youth Football League.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Greg Barnes, DTCI 571.258.3447 Greg.Barnes@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,560,000
Construction - Stadium	\$0
Construction - Softball Lights	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$1,560,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	TBD
Project Revenue(s)	
Local Tax Funding	\$1,560,000
Total Revenue	\$1,560,000



Project Status Update:

On March 16, 2015, the President of Upper Loudoun Youth Football League (ULYFL) notified Parks, Recreation and Community Services that ULYFL exercised its right to terminate the Memorandum of Understanding (MOU) to design and construct the Fields Farm Park football stadium. The Board of Supervisors was notified of this action via a memorandum in July 2015. DTCI is working with PRCS to develop a new conceptual plan for the County to fully develop the Fields Farm Park as a County project. Funding for detailed design and construction is projected in FY21 and FY22, respectively in the adopted FY17 county budget.

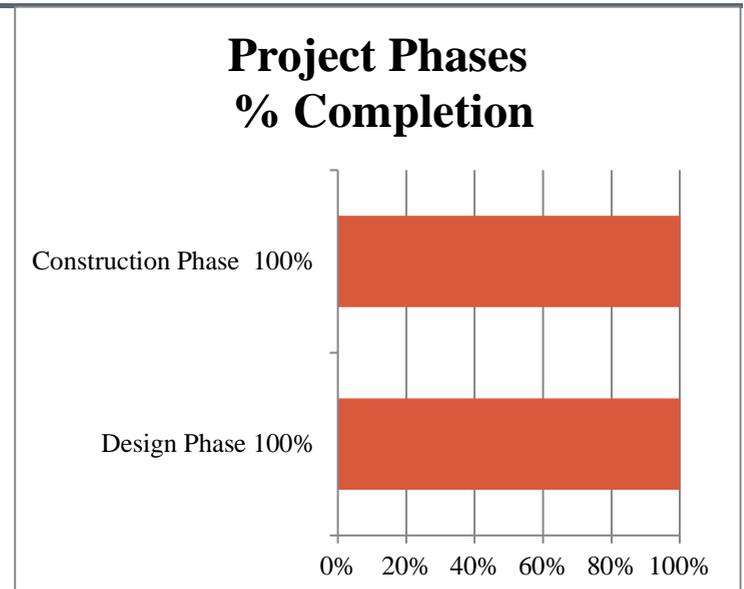


PROJECT INFORMATION

Project Name	FRANKLIN PARK RECTANGULAR FIELD LIGHTING-PHASE II
Project Description	This project funds the design and construction to light the rectangular sports fields at Franklin Park. A Special Exception is required.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Don Bredice, DTCI 703.737.8840 Don.Bredice@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$256,180
Construction	\$1,813,820
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$2,070,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 100%	100%
FFE Phase 0%	0%
Construction Phase Completion:	Winter 2016
Project Revenue(s)	
Local Tax Funding	\$2,070,000
Total Revenue	\$2,070,000



Project Status Update:

I&Y Construction LLC was award to the construction contract in August 2015 and completed work on the project this quarter.

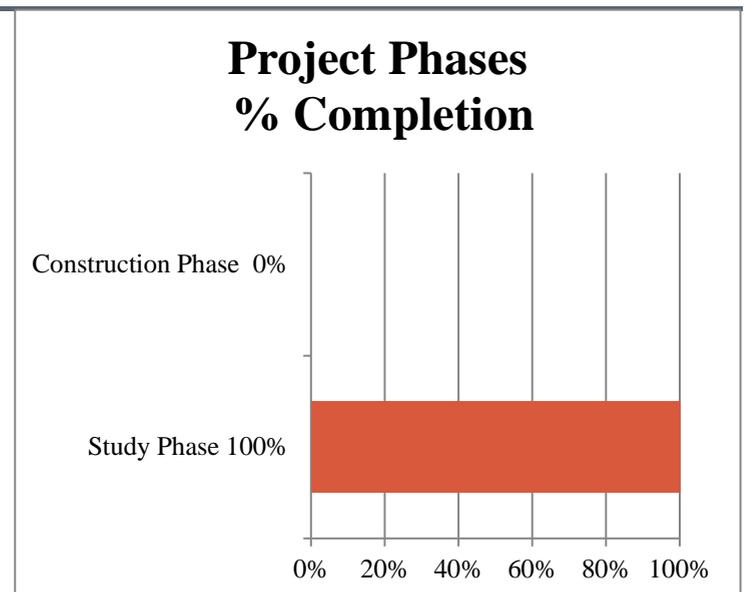


PROJECT INFORMATION

Project Name	FRANKLIN PARK TO PURCELLVILLE TRAIL
Project Description	This project provides funding to develop a trail alignment and preliminary design for a recreation trail from Franklin Park to the Town of Purcellville.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Study Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Ron Mallory, DTCI 703.737.8398 Ron.Mallory@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$520,000
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$520,000
Project Phase Progress:	
Land, Easement, ROW Phase 0%	0%
Study Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
Study Phase Completion:	Fall 2015
Project Revenue(s)	
Local Tax Funding	\$520,000
Total Revenue	\$520,000



Project Status Update:

In September 2015, the design consultant, Dewberry, developed three preliminary alignments for a trail originating at Franklin Park and terminating at the Purcellville town limits. In this quarter, DTCI staff reviewed the alignment options and prepared recommendations. In the next quarter, DTCI staff recommendations will be presented to the Board to endorse a preferred alignment. This project only funds the preparation of an alignment study. Funding for detailed design and construction is projected for FY22 in the adopted FY17 county budget.

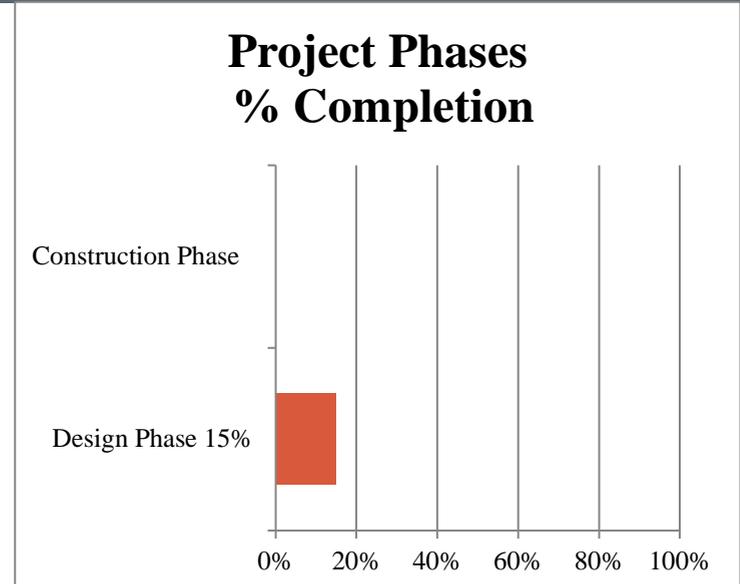


PROJECT INFORMATION

Project Name	HAL & BERNI HANSON REGIONAL PARK
Project Description	This project funds the design phase of the 157-acre Hal and Berni Hanson Regional Park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Kiran Parikh, DTCI 703.737.8022 Kiran.Parikh@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,071,565
Construction	\$2,868,755
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$3,940,320
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase 15%	15%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	TBD
Project Revenue(s)	
Cash Proffers	\$3,850,165
Local Tax Funding	\$90,155
Total Revenue	\$3,940,320



Project Status Update:

Eight (8) design consultant proposals were received on June 25, 2015 in response to a Request for Proposals (RFP) advertised on May 22, 2015. The Proposal Analysis Group (PAG) consisting of DTCI and PRCS staff reviewed and ranked the proposals in August 2015, interviewed the higher ranked firms on September 25, 2015, and issued a notice of final ranking on November 20, 2015. A joint scoping meeting was held on December 18, 2015 with the top ranked firm, Lose & Associates to clarify the project's scope of work and confirm the design and construction administration responsibilities under the contract. In this quarter, DTCI, PRCS, and Procurement staff communicated by phone and e-mail in January and February 2016 with Lose & Associates, to finalize the scope of work and negotiated the design fee and contract terms. In the next quarter, an item will be presented to the Finance/Government Operations and Economic Development Committee and the Board of Supervisors at their April 12, 2016 and April 21, 2016 meetings, respectively to award a design contract and design will be initiated.

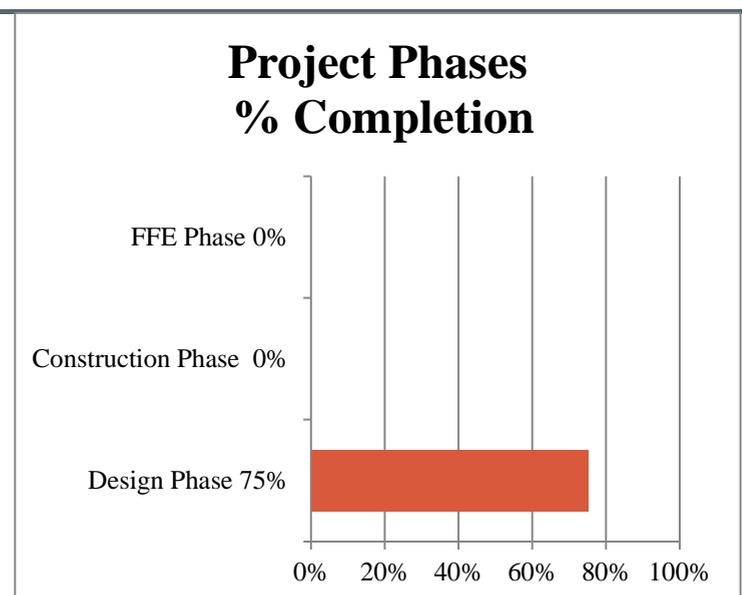


PROJECT INFORMATION

Project Name	LOVETTSVILLE COMMUNITY CENTER
Project Description	This project provides for the design and construction of a new community center building in the Town of Lovettsville to replace the current building.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Sandy Hunter, DTCI 571.258.3034 Sandy.Hunter@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$863,535
Construction	\$4,812,465
FFE	\$204,000
Land	
Proffered Land	
Total Project Cost:	\$5,880,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 75%	75%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Summer 2016
Project Revenue(s)	
Lease Revenue Financing	\$5,380,000
Local Tax Funding	\$500,000
Revenue Total	\$5,880,000



Project Status Update:

The Board of Supervisors at its December 2, 2015 business meeting allocated \$1.5M in FY15 Fund Balance to the project to add senior and fitness rooms to proposed community center and to renovate and enlarge the existing pool house. In this quarter, DTCI staff has worked with the design consultant, LSY, to incorporate these changes into the design. A revised 75% design package is being prepared. In the next quarter, LSY will submit a revised 75% design package and then the design will advance toward 100% after DTCI and PRCS staff provide comments to the revised 75% design package. Construction advertisement is targeted for Summer 2016.

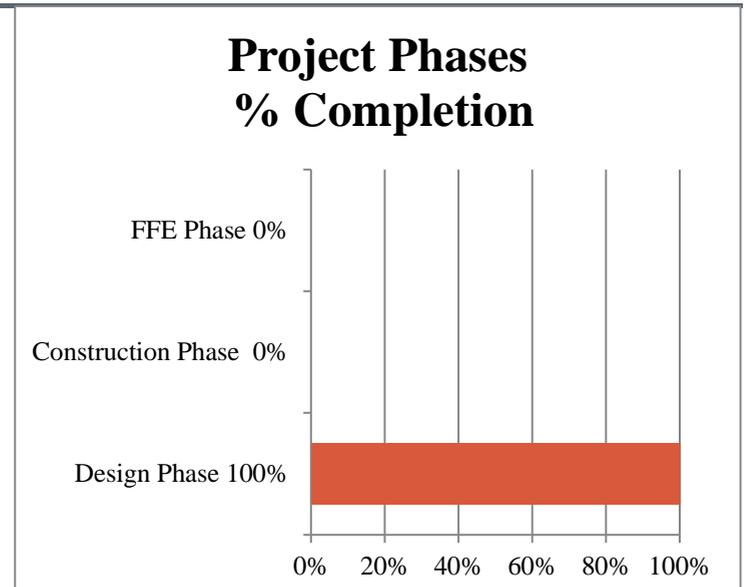


PROJECT INFORMATION

Project Name	LOVETTSVILLE DISTRICT PARK
Project Description	This project provides for the design and construction of a District Park to serve the Lovettsville area on a 91-acre County-owned site. The park will contain seven athletic fields, restrooms, concessions, maintenance facilities and an equestrian area.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Kelly Griffin, DTCI 703.737.8299 Kelly.Griffin@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$871,520
Construction	\$8,537,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$9,408,520
Project Phase Progress:	
Land, Easement, ROW Phase	90%
Design Phase	100%
Construction Phase	0%
FFE Phase	0%
Design Phase Completion:	Spring 2016
Project Revenue(s)	
Lease Revenue Financing	\$9,000,000
Gas Tax	\$408,520
Total Revenue	\$9,408,520



Project Status Update:

The Construction Plans and Profiles (CPAP) for E. Broad Way/Milltown Rd./Lovettsville Rd. improvements are approved. Park Site Plan approval is pending resolution of water and sewer ownership and maintenance issues with the Town of Lovettsville and is anticipated to occur in Spring 2016. Consistent with the park Special Exception conditions, the road improvements will be constructed prior to the park improvements. In this quarter, DTCI staff finalized land acquisition and utility pole relocation arrangements with Dominion VA Power. The Invitation For Bid (IFB) for the road improvements was also finalized. In the next quarter, the IFB will be advertised and an item will be prepared for Economic/Government Operations and Economic Development Committee and Board of Supervisors for contract award. Construction is anticipated to begin Summer 2016. As previously reported, the estimated cost to construct the park improvements is over the available budget. To deal with Park budget shortfall, park construction will be broken into two phases. Phase 1 of the park development will involve construction of the access road through the park, installation of utilities, and construction of three (3) to four (4) athletic fields. Construction of the Phase 1 improvements will occur after the road improvements are completed. Phase 2 of the park development will involve construction of the remaining improvements in a future year when funds become available.

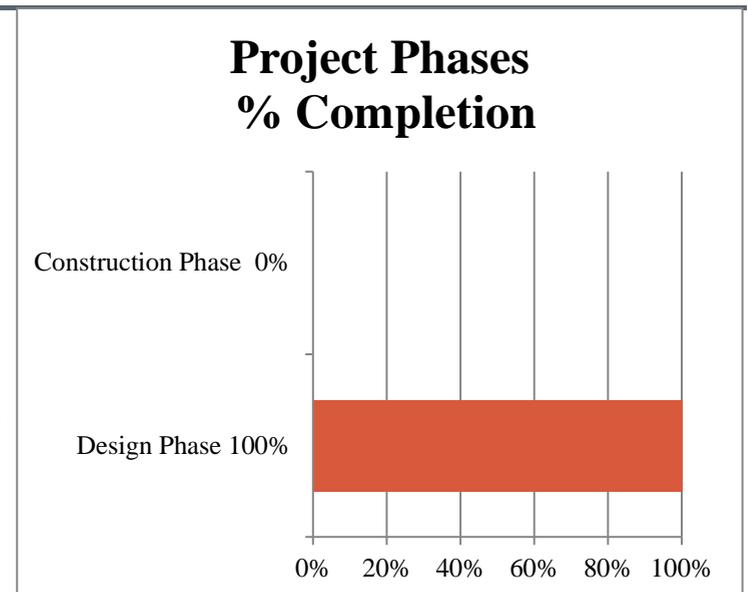


PROJECT INFORMATION

Project Name	LYNDORA PARK RESTROOMS
Project Description	This project funds the installation of a public restroom building in Lyndora Park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Bill Clark, DTCI 703.737.8822 Bill.Clark@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$55,000
Construction	\$195,000
FFE	\$0
Land	\$0
Proffered Land	\$285,000
Total Project Cost:	\$535,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Summer 2016
Project Revenue(s)	
Cash Proffers	\$250,000
Land Proffers	\$285,000
Revenue Total	\$535,000



Project Status Update:

In this quarter, DTCI staff reviewed shop drawings provided by the pre-manufactured restroom vendor, Smith-Midland, and provided comments to Smith-Midland so the building meets PRCS requirements. Smith-Midland is updating the shop drawings. In the next quarter, Smith-Midland will submit a Building Permit application to Building & Development (B&D) and a delivery schedule will be established. Construction completion is planned for Summer 2016.

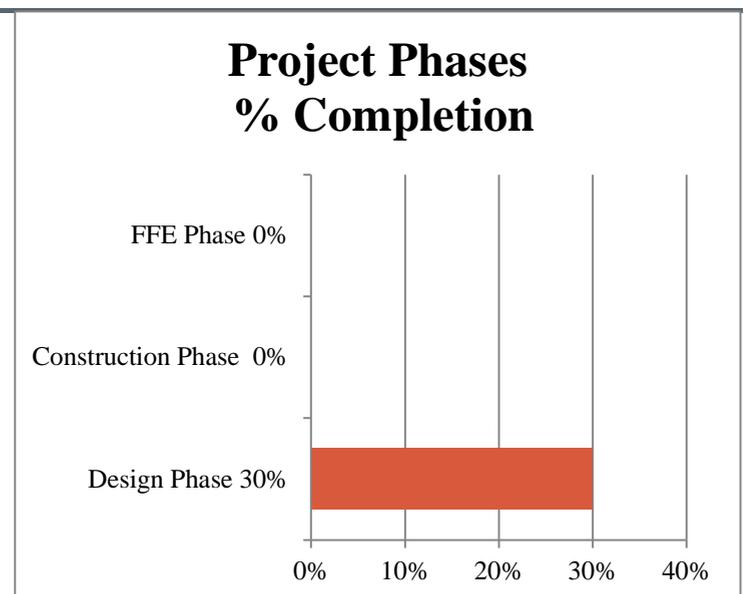


PROJECT INFORMATION

Project Name	MOOREFIELD STATION COMMUNITY PARK
Project Description	This project designs and constructs a Community Park co-located on the same site as the Moorefield Elementary School site. The community park will contain two rectangular fields, one diamond field, field lighting, trail and sidewalk network, public restrooms and concessions, and parking.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Kelly Griffin, DTCI 703.737.8299 Kelly.Griffin@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,100,000
Construction	\$5,990,000
FFE	\$400,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$7,490,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	30%
Construction Phase	0%
FFE Phase	0%
Design Phase Completion:	Fall 2016
Project Revenue(s)	
Cash Proffers	\$7,490,000
Total Revenue	\$7,490,000



Project Status Update:

In this quarter, the design consultant, J2 Engineers, submitted a park concept plan on January 29, 2016 for DTCI and PRCS review. J2 Engineers has received DTCI and PRCS review comments, has performed the site geotechnical investigation, and is proceeding the project toward 50% design. The initial site survey revealed a large soil stockpile of approximately 60,000 cubic yards exists on the parcel and based on land records, aerial photographs, and interviews with developers in the area, the soil was stockpiled by the developer who deeded the parcel to County. The stockpiled soil was intended to be used on future projects in the area. Stockpiled soil samples indicate it has poor engineering properties and cannot be used for the park construction or construction of the adjacent Mooreview Parkway road project. Based on a title review by the County Attorney's Office, the County accepted the soil pile when the property was conveyed by the developer who no longer exists. Therefore, the County will need to remove the soil to develop the park at an approximate cost of \$1 million not budgeted. In the next quarter, J2 Engineers will complete and submit the 50% design package. Design is scheduled to be complete in Fall 2016.

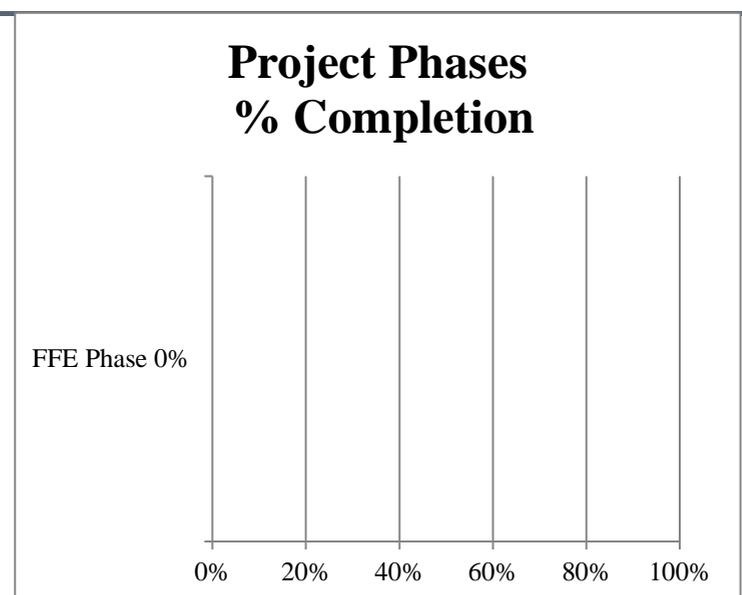


PROJECT INFORMATION

Project Name	POTOMAC GREEN COMMUNITY PARK
Project Description	This project provides funding to provide furnishings and equipment at the Potomac Green Community Park. The park is being constructed by a developer as an in-kind proffer and the 28-acre park site was proffered to the County.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Ron Mallory, DTCI 703.737.8398 Ron.Mallory@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$800,000
Construction	\$1,984,005
FFE	\$465,995
Land	
Proffered Land	
Total Project Cost:	\$3,250,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 50%	50%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Summer 2016
Project Revenue(s)	
Cash Proffers	\$3,250,000
Total Revenue	\$3,250,000



Project Status Update:

This project is a developer (Miller & Smith-One Loudoun) initiated park for construction of ball fields. Construction began on the required proffered improvements in August 2014 by the developer and was substantially complete by the end of 2014. Funding in the amount of \$1.75 million is included in the Adopted FY16 Fiscal Plan to allow DTCI to complete the park in its entirety to meet PRCS standards. In this quarter, the task order design consultant, Gordon, prepared a 50% design set currently being reviewed by DTCI and PRCS staff. In the next quarter, the park Site Plan will be submitted to Building & Development for review and the design will proceed toward 75%.

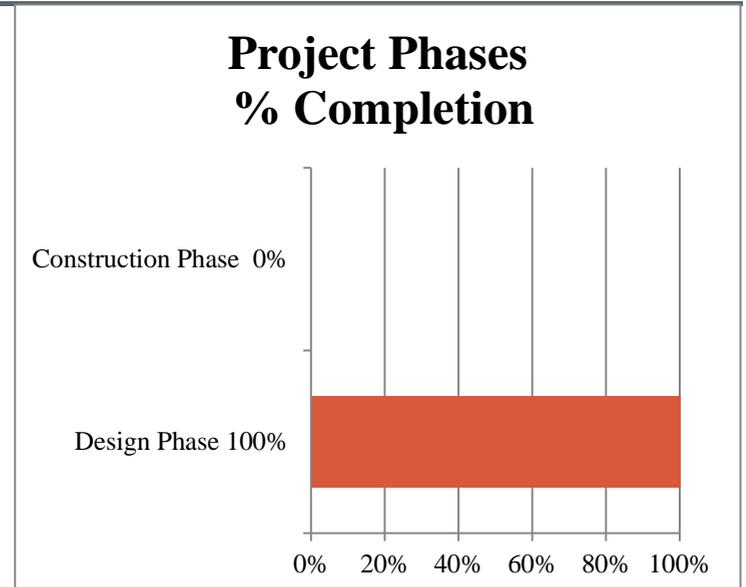


PROJECT INFORMATION

Project Name	SCOTT JENKINS MEMORIAL PARK - PHASE II
Project Description	This project constructs Phase II park amenities which include three small baseball fields, one rectangular athletic field, associated parking, public restrooms and concessions to serve the park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$542,095
Construction	\$5,039,010
FFE	\$0
Land	\$303,895
Proffered Land	\$603,000
Total Project Cost:	\$6,488,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	Winter 2017
Project Revenue(s)	
Local Tax Funding	\$4,885,000
Gasoline Tax	\$1,000,000
Land Proffers	\$603,000
Total Revenue	\$6,488,000



Project Status Update:

In this quarter, DTCI and the design consultant, Pennoni, finalized bid documents and the Invitation For Bid (IFB). In the next quarter, the IFB will be advertised, the bids will be received, and an item will be prepared for Finance/Government Operations and Economic Development Committee and Board of Supervisors action to award a construction contract. Contract award is anticipated in Spring 2016 with construction beginning in Summer 2016.

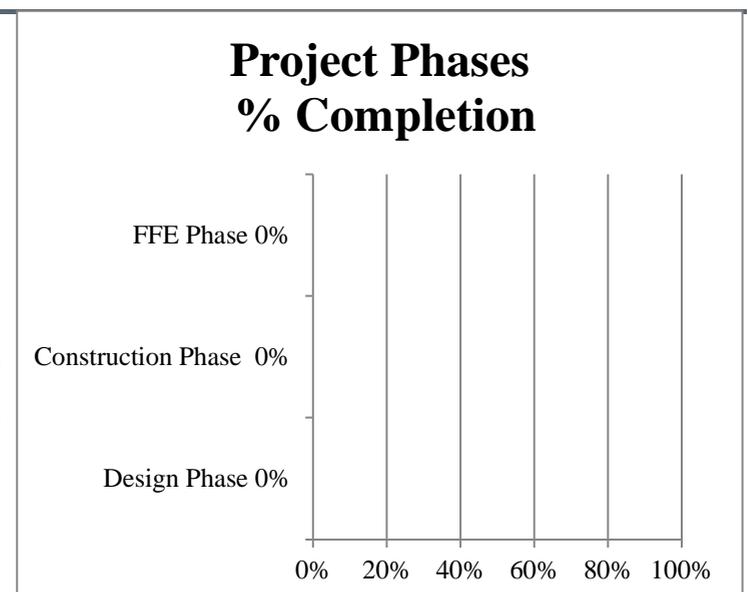


PROJECT INFORMATION

Project Name	STERLING COMMUNITY CENTER
Project Description	This project provides for the renovation of the community center building including the expansion of community center programming in the current Sterling Library space.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Peter Hargreaves, DTCI 703.771.5564 Peter.Hargreaves@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$1,730,000
Construction	\$13,229,045
FFE	\$542,955
Land	
Proffered Land	
Total Project Cost:	\$15,502,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	0%
Construction Phase	0%
FFE Phase	0%
Design Phase Completion:	TBD
Project Revenue(s)	
General Obligation Bonds	\$11,582,000
Cash Proffers	\$3,920,000
Revenue Total	\$15,502,000



Project Status Update:

In this quarter, DTCI staff is re-evaluating the assignment of a task order design consultant to the project due to staff limitations of the two task order design consultants currently under contract. In the next quarter, DTCI will work with one of the task order design consultants to assemble a satisfactory design team and issue a purchase order to initiate the community center renovation design.

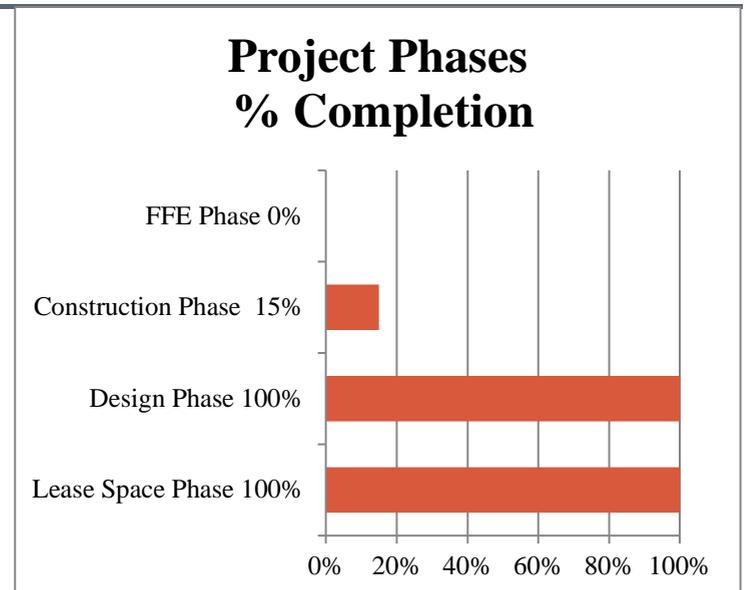


PROJECT INFORMATION

Project Name	STERLING LIBRARY
Project Description	This project relocates the Sterling Library to a storefront or office space location in the Sterling Community in order to renovate its current location to become a larger Sterling Community Center. This project is part of the Board's adopted Sterling Public Facilities Master Plan.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Chang Liu, Library Services 703.771.5235 Chang.Liu@loudoun.gov
DTCI Contact	McKinley Jones, DTCI 571.258.3611 McKinley.Jones@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$2,150,580
Construction	\$3,374,420
FFE	\$975,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$6,500,000
Project Phase Progress:	
Lease Space Phase 100%	100%
Design Phase 100%	100%
Construction Phase 15%	15%
FFE Phase 0%	0%
Construction Phase Completion:	Summer 2016
Project Revenue(s)	
General Obligation Bonds	\$4,850,000
Cash Proffers	\$1,650,000
Total Revenue	\$6,500,000



Project Status Update:

Marion Construction, Inc. was awarded the construction contract in December. In this quarter, Notice to Proceed was issued on January 29, 2016 and in-slab infrastructure work began as did layout and floor leveling. In the next quarter, wall framing and wall and ceiling rough-in activities will begin. Coordination for the landlord provided roof top air handling units in ongoing as required by the terms of the lease. Based on a 44 day delay by the landlord in the lease commencement and approved changes, the contractor has been awarded additional time. The delay in lease commencement directly delays the library opening from September 1, 2016 to October 15, 2016.

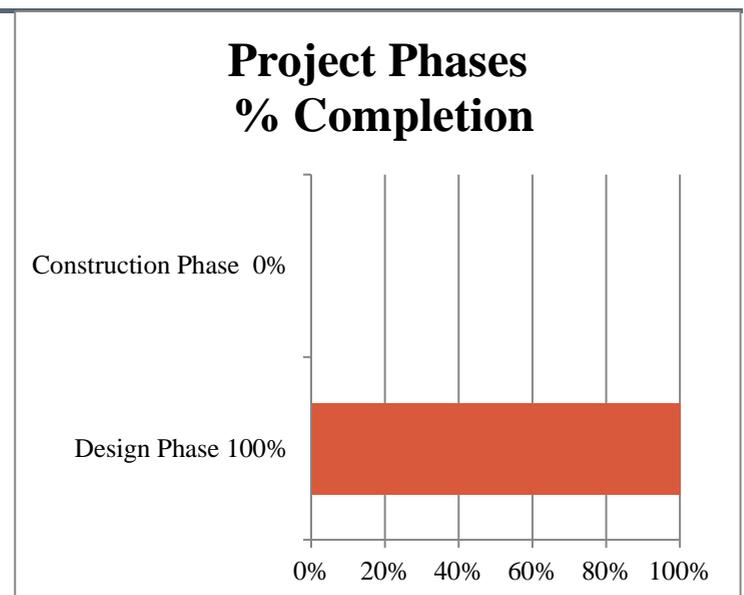


PROJECT INFORMATION

Project Name	TRAILSIDE PARK RESTROOMS
Project Description	This project funds the installation of a public restroom building in Trailside Park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Ashburn
Supervisor	Buona

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$55,000
Construction	\$220,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$275,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	TBD
Project Revenue(s)	
Cash Proffers	\$275,000
Revenue Total	\$275,000



Project Status Update:

In this quarter, the Site Plan Amendment (SPAM) for the restroom building addition was approved by Building & Development (B&D) on February 4, 2016. In the next quarter, an Invitation for Bid (IFB) will be finalized to bid the procurement and construction of the restroom building along with buildings at two other PRCS parks. Upon award, DTCI will work with the successful contractor to develop a construction schedule to complete the project.

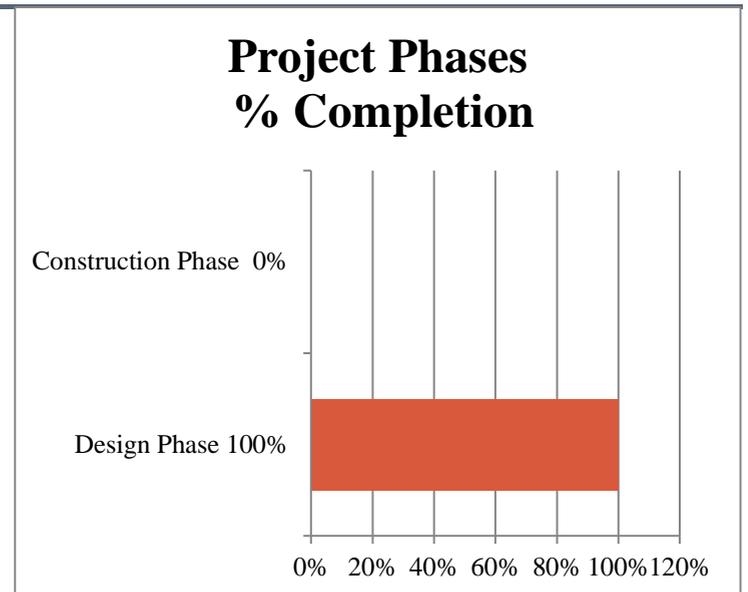


PROJECT INFORMATION

Project Name	WOODGROVE PARK RESTROOMS
Project Description	This project provides funds for the installation of a public restroom building in Woodgrove Park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Novak, PRCS 703.737.8992 Mark.Novak@loudoun.gov
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$86,440
Construction	\$298,080
FFE	\$0
Land	
Proffered Land	
Total Project Cost:	\$384,520
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	TBD
Project Revenue(s)	
Local Tax Funding	\$384,520
Total Revenue	\$384,520



Project Status Update:

The Site Plan Amendment (SPAM) for the pre-manufactured restroom building is approved and the grading permit is ready for issuance. In this quarter, DTCI staff continued Invitation for Bid (IFB) preparation. In the next quarter, an Invitation for Bid (IFB) will be finalized to bid the procurement and construction of the restroom building along with buildings at two other PRCS parks. Upon award, DTCI will work with the successful contractor to develop a construction schedule to complete the project.

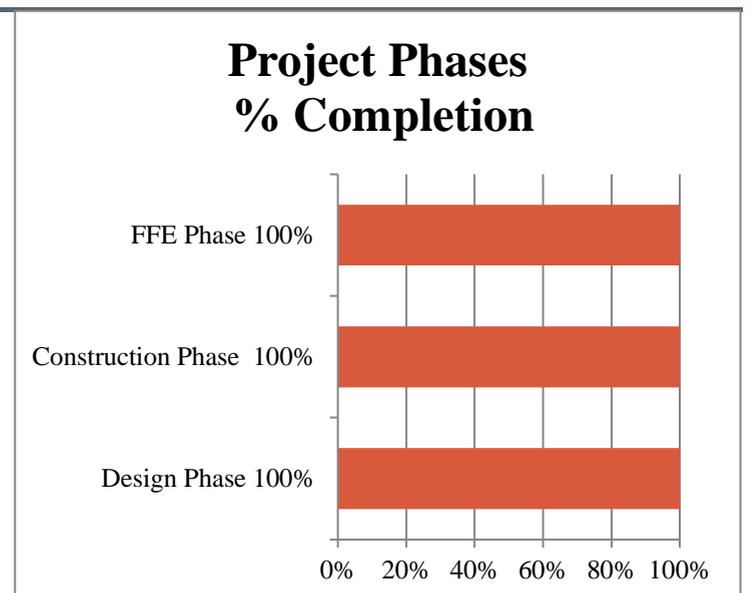


PROJECT INFORMATION

Project Name	MIRROR RIDGE GROUP RESIDENCE
Project Description	This project funds the build-out of the basement of the Mirror Ridge Group Residence to provide additional residential living and program space.
Project Type	Health & Welfare Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Joseph Wilson, MHSADS 703.771.5406 Joseph.P.Wilson@loudoun.gov
DTCI Contact	Bill Clark, DTCI 703.737.8822 Bill.Clark@loudoun.gov
Election District	Sterling
Supervisor	Saines

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$0
Construction	\$233,900
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$233,900
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase 100%	100%
Construction Phase 100%	100%
FFE Phase 100%	100%
FFE Phase Completion:	Winter 2016
Project Revenue(s)	
Cash Proffers	\$233,900
Total Revenue	\$233,900



Project Status Update:
 The construction phase of the project achieved final completion in Summer 2015. In this quarter, Mental Health, Substance Abuse & Developmental Services (MHSADS) completed the procurement of the furnishings and the project is now complete.

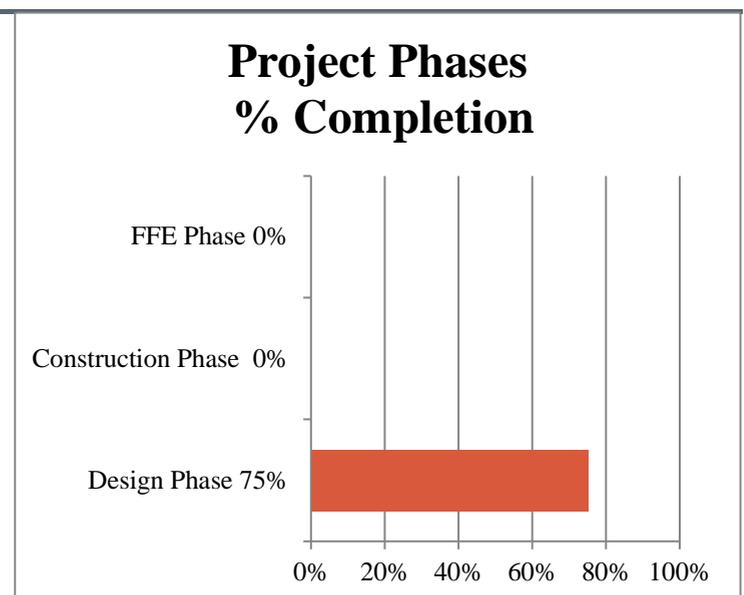


PROJECT INFORMATION

Project Name	ROUND HILL DEVELOPMENTAL SERVICES GROUP RESIDENCE
Project Description	This project designs a group residence for construction on a proffered site located 17394 Arrowood Place in the Villages at Round Hill.
Project Type	Health & Welfare Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Joseph Wilson, MHSADS 703.771.5406 Joseph.P.Wilson@loudoun.gov
DTCI Contact	Kiran Parikh, DTCI 703.737.8022 Kiran.Parikh@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$126,190
Construction	\$1,250,000
FFE	\$243,810
Land	
Proffered Land	
Total Project Cost:	\$1,620,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 75%	75%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Spring 2016
Project Revenue(s)	
Local Tax Funding	\$120,000
Lease Revenue Financing	\$1,500,000
Total Revenue	\$1,620,000



Project Status Update:

In this quarter, the 75% design plans prepared by the design consultant, HGA, were reviewed by DTCI and MHSADS staff and comments were provided so HGA can complete the design. In the next quarter, 100% plans will be completed and an Invitation for Bid (IFB) will be prepared to advertise the project. DTCI anticipates design completion in Spring 2016.

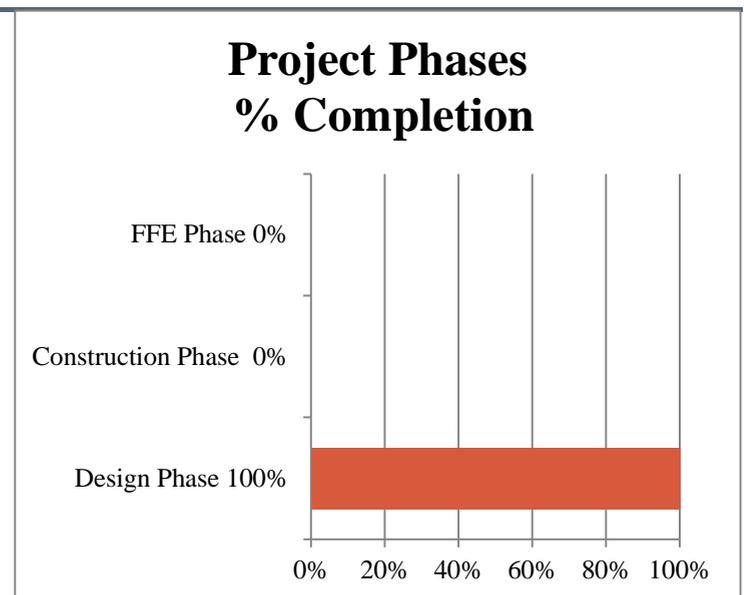


PROJECT INFORMATION

Project Name	YOUTH SHELTER RENOVATION
Project Description	This project provides funding to renovate the original County Youth Shelter located at the Government Support Center site off of Sycolin Road in Leesburg.
Project Type	Health & Welfare Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Ellen Grunewald, Family Services 703.771.5873 Ellen.Grunewald@loudoun.gov
DTCI Contact	Sandy Hunter, DTCI 571.258.3034 Sandy.Hunter@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$280,000
Construction	\$1,700,000
FFE	\$20,000
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$2,000,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
Design Phase Completion:	Spring 2016
Project Revenue(s)	
Lease Revenue Financing	\$2,000,000
Total Revenue	\$2,000,000



Project Status Update:

In this quarter, the design consultant, Moseley Architects, provided 100% design documents and DTCI and Procurement staff completed an Invitation for Bid (IFB). In the next quarter, the IFB will be advertised, bids will be received, and an item will be prepared for Finance/Government Operation and Economic Development Committee and Board of Supervisors action to award a construction contract. Contract award is anticipated in Summer 2016.

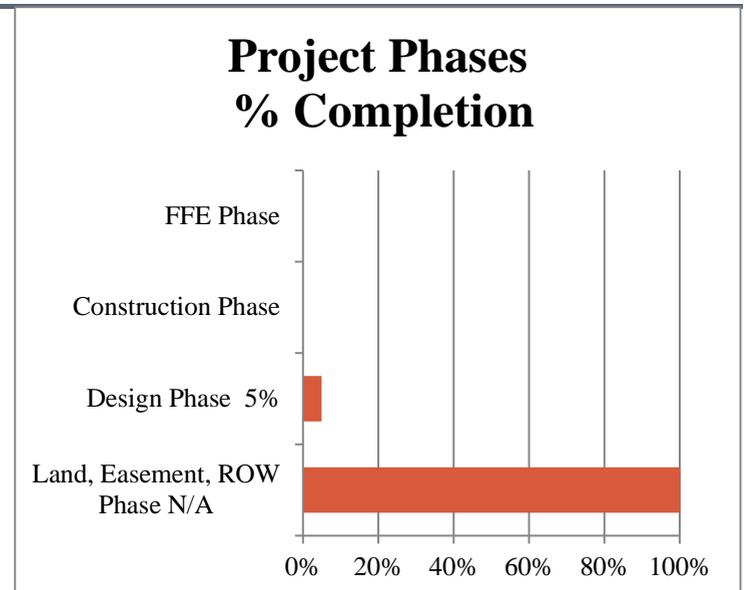


PROJECT INFORMATION

Project Name	CONSOLIDATED SHOPS & WAREHOUSE
Project Description	This project acquired two-building on Miller Drive in Leesburg totaling 176,250 square feet to provide long term warehouse space and consolidated shops for the County's Department of General Services. The facility will be phased in development through FY 2020.
Project Type	General Government Facilities
Project Phase Funding	Construction
Program Department Contact	Ernest Brown, General Services 703.737.8924 Ernest.Brown@loudoun.gov
Project Contact	Randy Williford, General Services 703.737.8686 Randy.Williford@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design Phase	\$0
Construction	\$7,057,710
FFE	\$0
Land	\$24,142,290
Proffered Land	\$0
Total Project Cost:	\$31,200,000
Project Phase Progress:	
Land, Easement, ROW Phase N/A	100%
Design Phase 5%	5%
Construction Phase	0%
FFE Phase	0%
Design Phase Completion:	TBD
Project Revenue(s)	
Local Tax Funding	\$10,200,000
Lease Revenue Financing	\$21,000,000
Total Revenue	\$31,200,000



Project Status Update:

In this quarter, Planning and Programming continued for 751 Miller Drive, Public Safety Warehouse. Construction is planned to begin in October 2016 with completion by July 2017. In this quarter and continuing into next quarter, minor changes will be made to 750 Miller Drive to better utilize small amounts of vacant space for County purposes and temporary needs. The two largest tenants will not vacate until at least 2018. Planning for major renovation should begin by the end of 2017.

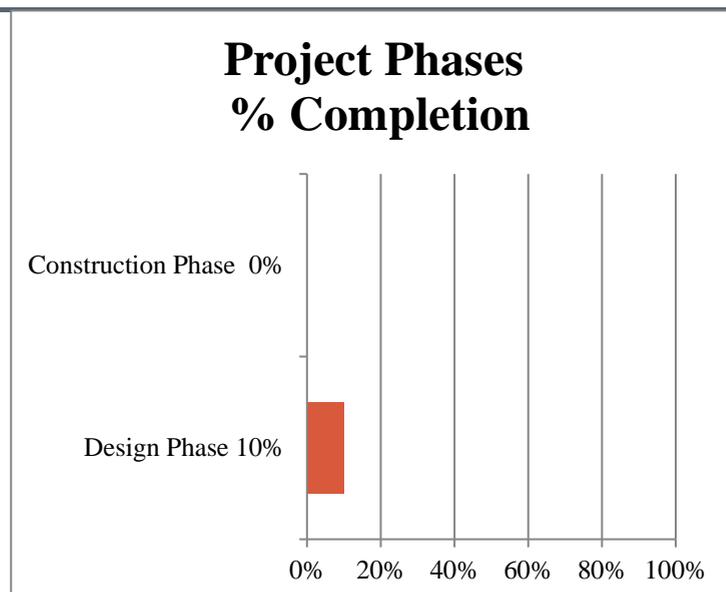


PROJECT INFORMATION

Project Name	HOWARDSVILLE COMMUNITY WASTEWATER SYSTEM
Project Description	This project funds the design and construction of a community wastewater treatment facility to serve the Howardsville community, pending action by the Board of Supervisors to establish a Howardsville Service District.
Project Type	General Government Facilities
Project Phase Funding	Design Phase
Program Department Contact	Ernest Brown, General Services 703.737.8924 Ernest.Brown@loudoun.gov
Project Contact	Alan Brewer, General Services 571.258.3444 Alan.Brewer@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$275,000
Construction	\$1,320,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$1,595,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	10%
Construction Phase	0%
FFE Phase	N/A
Construction Phase Completion:	TBD
Project Revenue(s)	
Local Tax Funding	\$1,595,000
Total Revenue	\$1,595,000



Project Status Update:

The Department of General Services continues to work toward identifying a sustainable wastewater solution for Howardsville. In this quarter, staff met with Loudoun Water and the Windy Hill Foundation and continued to investigate potential options for a mass drainfield site. On December 2, 2015 the Board of Supervisors directed staff to begin the land acquisition process to purchase property for a wastewater treatment facility and staff has been working on acquiring a site. On February 4, 2016 staff met with the Virginia Department of Transportation (VDOT) to discuss constructing the community sewer line in the VDOT Right of Way (ROW) and the requirements for construction and utility entrances. In the next quarter, staff will continue to pursue a location for a mass drainfield site, work with an appraiser to identify average easement costs, and hold a community meeting to update Howardsville residents on the status of the project.

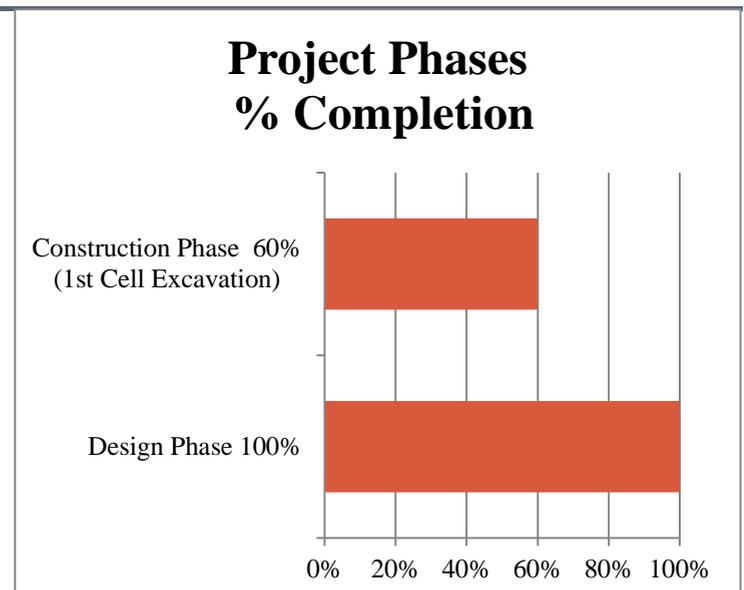


PROJECT INFORMATION

Project Name	LANDFILL RECLAMATION PROJECT
Project Description	This project is a reclamation project to remediate the oldest landfill cell which will eliminate environmental liabilities and increase capacity at the landfill.
Project Type	General Government Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Ernest Brown, General Services 703.737.8924 Ernest.Brown@loudoun.gov
Project Contact	Mike Fairbanks, General Services 703.777.0168 Mike.Fairbanks@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$785,000
Construction	\$14,715,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$15,500,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase 100%	100%
Construction Phase 60% (1st Cell Excavation)	60%
FFE Phase	N/A
Construction Phase Completion (1st Cell):	Spring 2017
Project Revenue(s)	
Lease Revenue Financing	\$15,500,000
Total Revenue	\$15,500,000



Project Status Update:

The County Landfill Reclamation Project completed the permitting and design stage and is now entering its 2nd season of reclamation excavation. In February 2015, the contract was awarded to Atlantic Construction and Materials Co. and work is on-going. The Department of Environmental Quality issued a permit to the County for the project on March 20, 2015. Atlantic Construction and Materials Co., began reclamation activities on April 2, 2015. In this quarter, the contractor was on a planned seasonal shutdown. Excavation is tentatively scheduled to resume in mid-to-late March 2016. While the 5-6 year excavation is approximately 20% complete, the first milestone is the excavation of future Cell R1, the first cell to be relined, which is approximately 60% complete and has a target completion date of early 2017.

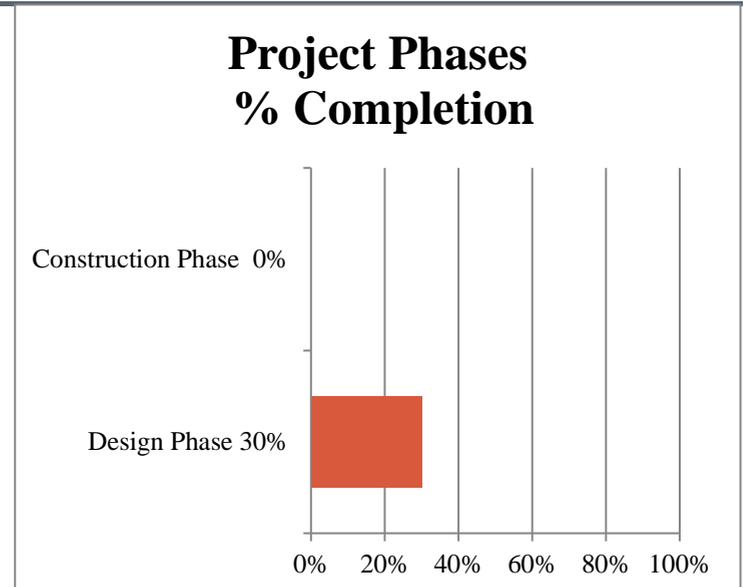


PROJECT INFORMATION

Project Name	TOWN OF HILLSBORO WATER SYSTEM
Project Description	This project provides funding and project management support to assist the Town of Hillsboro to abandon the spring source for its municipal water system and replace and rebuild its infrastructure to deliver potable water to its residents.
Project Type	General Government Facilities
Project Phase Funding	Construction Phase
Program Department Contact	Ernest Brown, General Services 703.737.8924 Ernest.Brown@loudoun.gov
DTCI Contact	Randy Williford, General Services 703.737.8686 Randy.Williford@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$32,000
Payment to the Town	\$3,313,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$3,345,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	30%
Construction Phase	0%
FFE Phase	N/A
Design Phase Completion:	Fall 2016
Project Revenue(s)	
Proceeds from Sale of Land	\$1,145,000
Local Tax Funding	\$2,200,000
Total Revenue	\$3,345,000



Project Status Update:

The Town of Hillsboro is managing this project. In this quarter, the Town continued their work on the preliminary waterline design and negotiated the final easement document for the new well house location. The Town also received approval from VDH for a well yield planning grant and awarded the project contract. Hillsboro elected officials held a Community Open House for citizens of the town and surrounding region, to provide public information on the upcoming drinking water and wastewater infrastructure projects. On January 28, 2016 the Hillsboro Mayor and Town Council Member requested a meeting with staff to discuss the County's Water and Wastewater Fund, in which the Town indicated that they plan to submit an application for assistance during the programs open period which ends on March 31, 2016. In the next quarter, the Town plans to continue the geotechnical investigation and design work and work with the County, VDH and VDOT to coordinate all water, wastewater and road projects. The Town also plans to complete the easement plat for the well lot, plans and specifications for the water project and hydro-fracking work needed to determine well yield improvement results.

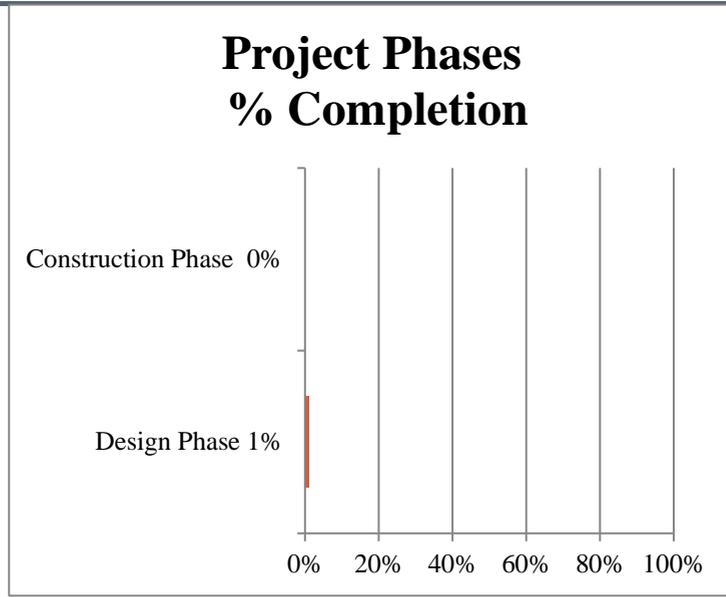


PROJECT INFORMATION

Project Name	WATERFORD MILL
Project Description	This project provides for landscaping and scenic beautification along Virginia Scenic Byways at the Waterford Old School site.
Project Type	General Government Facilities
Project Phase Funding	Design Phase, Construction Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Kiran Parikh, DTCI 703.737.8022 Kiran.Parikh@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$310,750
Construction	\$642,200
Utilities	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$952,950
Project Phase Progress:	
Land, Easement, ROW Phase N/A	N/A
Design Phase 1%	1%
Construction Phase 0%	0%
FFE Phase	N/A
Construction Phase Completion:	TBD
Project Revenue(s)	
MAP-21 Funds	\$762,350
Waterford Foundation Cash Match	\$35,450
Local Tax Funding	\$11,450
2008 Assessed Value of Mill	\$143,700
Total Revenue	\$952,950



Project Status Update:

In the this quarter, DTCI staff worked with the Waterford Foundation to finalize a design services Request for Proposal (RFP) that Procurement staff is providing to VDOT for review as required by the Transportation Alternatives program funding this project. In the next quarter, VDOT will review the RFP and provide its comments. After VDOT completes its RFP review, Procurement will advertise the RFP.

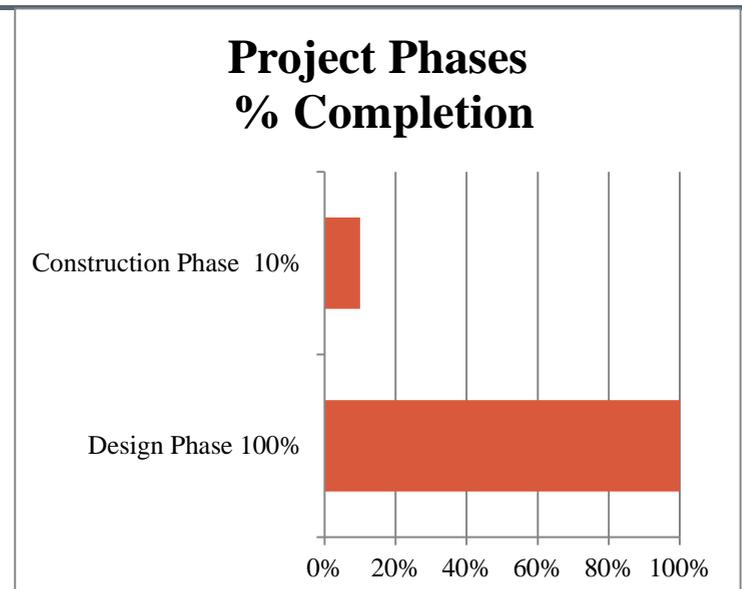


PROJECT INFORMATION

Project Name	WILLISVILLE COMMUNITY WASTEWATER SYSTEM
Project Description	This project funds the extension of wastewater treatment service to three properties in the Willisville community with failing septic systems. The three properties will be connected to the Willisville Community Wastewater Treatment Facility operated by Loudoun Water.
Project Type	General Government Facilities
Project Phase Funding	Construction Phase
Program Department Contact	Ernest Brown, General Services 703.737.8924 Ernest.Brown@loudoun.gov
Project Contact	Alan Brewer, General Services 571.258.3444 Alan.Brewer@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

PROJECT BUDGET & SCHEDULE

Budget	
Design	\$50,000
Construction	\$225,000
FFE	\$0
Land	\$0
Proffered Land	\$0
Total Project Cost:	\$275,000
Project Phase Progress:	
Land, Easement, ROW Phase	N/A
Design Phase	100%
Construction Phase	10%
FFE Phase	N/A
Construction Phase Completion:	Fall 2016
Project Revenue(s)	
Local Tax Funding	\$275,000
Total Revenue	\$275,000



Project Status Update:

The Department of General Services continues to coordinate with Loudoun Water (LW) to complete the extension of wastewater infrastructure to the three identified properties. LW, as per the Service Agreement, manages the project. In this quarter, construction and abandonment permits were obtained from the Health Department and the Notice of Award was issued to the contractor. On February 11, 2016 the Finance/Government Operations and Economic Development Committee (FGOEDC) recommended that the Board of Supervisors (Board) approve a supplemental appropriation to complete the Willisville Wastewater Project. On February 18, 2016 the Board approved additional funding in the amount of \$100,000. Staff held a construction kick-off meeting with LW on March 14, 2016. In the next quarter, LW expects to secure VDOT entrance permits, review and approve product submittals, and begin construction.

Tello, Melissa

From: Kroboth, Joe
Sent: Wednesday, January 13, 2016 5:02 PM
To: Filyaw, Monica
Cc: Randall, Phyllis; Buona, Ralph; Letourneau, Matt; Higgins, Geary; Saines, Koran; Buffington, Tony; Volpe, Suzanne; Meyer, Ron; Umstattd, Kristen; Hemstreet, Tim; Yudd, Charles; Glass, Susan; Tello, Melissa
Subject: RE: Mooreview Parkway - Letter to Columbia Pipeline Group
Attachments: TH - Shawn Patterson 10-2-14.pdf

Monica:

Attached is the letter you requested.

Per County policy, as this is relating to an item pending before the Board, I am providing this information to all Board Members.

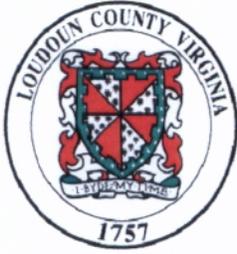
If you have additional questions or need more information, please do not hesitate to contact me.

Joe Kroboth

From: Filyaw, Monica
Sent: Wednesday, January 13, 2016 1:39 PM
To: Kroboth, Joe <Joe.Kroboth@loudoun.gov>
Subject: Mooreview Parkway

Last night, you mentioned that you had Tim send a letter to the head of Columbia Pipeline Group. Can I get a copy of that? Thanks.

Monica N. Filyaw
Office of Supervisor Matthew F. Letourneau
Dulles District
703/771-5069 - phone



Loudoun County, Virginia

www.loudoun.gov

Office of the County Administrator

1 Harrison Street, S.E., MSC #2, 5th Floor, P.O. Box 7000, Leesburg, VA 20177-7000

Telephone (703) 777-0200 • Fax (703) 777-0325 • coadmin@loudoun.gov

October 2, 2014

Shawn L Patterson, President
Operations and Project Delivery
Columbia Pipeline Group
5151 San Felipe, Suite 2500
Houston, Texas 77056

RE: VB/VB-Loop Class Change pipeline replacement project impact on the Washington Metropolitan Area Transit Authority - Metro Silver Line Project, Loudoun County, VA

Dear Mr. Patterson:

The purpose of this letter is to transmit information regarding the impact of Columbia Pipeline's replacement in Loudoun County, Virginia and to request a meeting to discuss the coordination of your project with the Metro Silver Line's construction.

As you may or may not be aware, the Dulles Corridor Metrorail Project, a 23 mile extension of the Washington Metropolitan Area Transit Authority's metro rail system, is tasked with bringing mass transit via rail to Loudoun County, Virginia. The last stop will be in the vicinity of Ashburn Village Boulevard (Virginia Route 772) approximately two miles west of Dulles International Airport. The Metrorail Project has and will continue to require close coordination of local, State, Federal, and private entities. Loudoun County and its partners requested and received approval for credit assistance for the Metrorail Project from the U.S. Secretary of Transportation. This mass transit project will improve the region's infrastructure and position Northern Virginia to attract business for the foreseeable future.

Portions of the Columbia Gas of Virginia's VB and VB-Loop Transmission lines have been replaced or are scheduled for imminent replacement by Columbia Pipeline. Loudoun County, Loudoun County Public Schools, and other infrastructure related to the Metro Rail project will be impacted by the replacement project without an enhanced level of cooperation and coordination among the parties involved.

The attached exhibit illustrates a portion of the pipeline that traverses Moorefield Station an adjacent private development responsible to construct certain public infrastructure to support the Metrorail project. The Board of Supervisors of Loudoun County either owns or will have ownership of a number of parcels that extend over the longest segment of the pipelines, approximately 0.78 miles within Moorefield Station area.

Letter to Mr. Shawn Patterson
October 2, 2014
Page 2

Given the proximity of public and private projects near the pipeline replacement, we believe it is in the best interests of Loudoun County and Columbia Pipeline, from both safety and financial perspectives, to meet with the purpose of discussing and coordinating our respective plans.

Several areas of greatest concern to Loudoun County are listed below:

- **Safety**, as expressed on multiple occasions by Columbia Pipeline and stakeholders with whom they met throughout early 2014, the safest way to upgrade the pipeline is in a coordinated manner by all parties. Some of the planned upgrades are in the vicinity of the recently opened Moorefield Station Elementary School and also adjacent to 65-70 of the proposed townhouses scheduled to begin land development construction activities this Fall.
- **Imminent Construction**, both Loudoun County and the private developers have permits in-hand and plan to begin construction in 2014 with the major excavation and construction scheduled for 2015. These permits include County, State and Federal permit approvals in the form of Grading Permits, Wetlands/Environmental Permits, including Department of Environmental Quality (DEQ), Department of Conservation and Recreation (DCR), the US Army Corps of Engineers
- **Development is funded/financed for construction**,
 - Loudoun County is now eligible for a low-interest loan of up to \$195.1 million through the Transportation Infrastructure Finance and Innovation Act (TIFIA) program to help finance the extension of Metro Rail's Silver Line into Loudoun County.
 - Loudoun's funding partners in the project, the Metropolitan Washington Airports Authority (MWAA) and Fairfax County, also have been approved for TIFIA assistance. MWAA is eligible for credit assistance up to \$1.28 billion, while Fairfax County is eligible for a loan of up to \$403.3 million.
 - Loudoun County constructed and opened Moorefield Station Elementary School in the Fall of 2013; the pipeline traverses a portion of the property dedicated for the school site.
 - Loudoun County approved **and funded** Mooreview Parkway, a four-lane divided road serving the Elementary school, with its FY2014 Annual Budget as a Capital Improvement. Mooreview Parkway is also traversed by the pipeline and is scheduled for construction in fall.

Our staff has communicated with yours at the project and permitting level. However, it is both mine and our partner's opinion that a higher level coordination meeting is warranted to protect the financial interests of the parties and the safety of the general public. Please contact me at your earliest convenience to schedule this important meeting.

Sincerely,



Tim Hemstreet
County Administrator

Letter to Mr. Shawn Patterson
October 2, 2014
Page 3

Exhibits

cc: Board of Supervisors, Loudoun County
J. Hamilton Lambert, Executive Director, Claude Moore Charitable Foundation
Charles E. Moran, V.P., External Affairs and Communications, Columbia Pipeline Group



Claude Moore Charitable Foundation

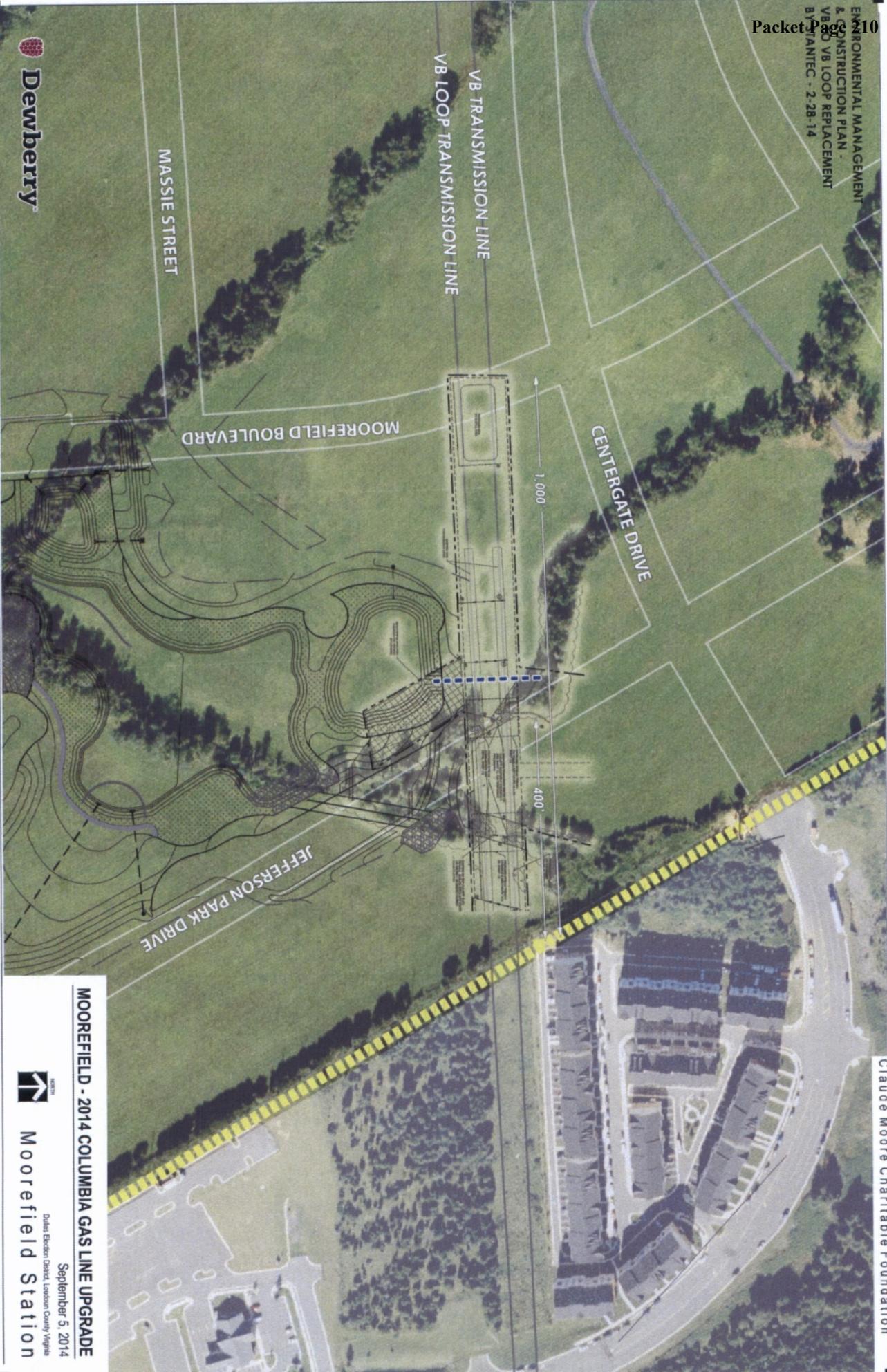
MOOREFIELD - 2014 COLUMBIA GAS LINE UPGRADE

September 5, 2014

Dallas Eickson, District, Loudoun County, Virginia



Moorefield Station



MOOREFIELD - 2014 COLUMBIA GAS LINE UPGRADE
 September 5, 2014
 Dulles Edison District, Loudoun County, Virginia
Moorefield Station



Claude Moore Charitable Foundation

Tello, Melissa

From: Glass, Susan
Sent: Friday, January 15, 2016 12:00 PM
To: Letourneau, Matt
Cc: Randall, Phyllis; Volpe, Suzanne; Buona, Ralph; Higgins, Geary; Buffington, Tony; Meyer, Ron; Umstatted, Kristen; Saines, Koran; Kroboth, Joe; Laycock, Terrie; Yudd, Charles; Hemstreet, Tim; Bigdeli, Farid, P.E.; Taori, Sunil (VDOT); Suri, Sanjeev, P.E., PMP, CCM (VDOT); Tello, Melissa; Hoffman, Mark
Subject: Route 606 Widening Project Schedule

Supervisor Letourneau,

During discussion of the 2nd Quarter FY2016 Quarterly Capital Improvement Project item presented at the January 12, 2016 Finance/Government Operations and Economic Development Committee meeting, you expressed concern about the construction schedule for the Route 606 Widening Project, which is being administered by VDOT, and requested staff to confirm the Fall 2017 completion date that is reported in the item.

I spoke with VDOT and Shirley Contracting regarding your inquiry. Shirley Contracting has filed a delay claim which is being reviewed by VDOT. At the present time, the project's completion date has not been officially adjusted. VDOT expects to complete their review of the delay claim within the next 1 to 2 weeks. I will send you the revised project schedule as soon as I receive it from VDOT.

VDOT's web site for the Route 606 Widening Project is accessible via the following link. Any revisions to the project schedule will also be reflected on the web site.

http://www.virginiadot.org/projects/northernvirginia/old_ox_road_widening.asp

Susan Glass

Program Manager/Acting Assistant Director
Department of Transportation and Capital Infrastructure
703-777-0251

Tello, Melissa

From: Kroboth, Joe
Sent: Thursday, January 28, 2016 12:21 PM
To: Randall, Phyllis; Buona, Ralph; Letourneau, Matt; Saines, Koran; Volpe, Suzanne; Higgins, Geary; Meyer, Ron; Buffington, Tony; Umstattd, Kristen
Cc: Hemstreet, Tim; Yudd, Charles; Glass, Susan; Laycock, Terrie; Tello, Melissa
Subject: The Woods Road Advertised
Attachments: Advertisement List.pdf

Chair Randall, Board Members:

The County has been working with VDOT to complete the design and construction of the Woods Road (from Evergreen Mills Road to the Courtland Rural Village) for several years. I am happy to report that VDOT has advertised the project for construction bids. Bids will be received in February. Once reviewed and deemed acceptable, they will be forwarded to the CTB for award.

We will keep the Board informed as more information becomes available.

Joe Kroboth, III, PE, LS, Director
Department of Transportation & Capital Infrastructure
Loudoun County, Virginia
Joe.Kroboth@Loudoun.Gov
Phone: 703-771-5107
Fax: 703-737-8513



Debt Issuance Status for CIP Projects: FY 16-20 Adopted CIP (April 2015) v. FY 17-22 Adopted CIP (April 2016)

ROADS AND BRIDGES												
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Allder School Road Improvements	Lease Revenue	N/A	6,617,000	1,000,000	5,617,000	FY16 Adopted	2,000,000	3,617,000	-	-	-	5,617,000
						FY16 Actual	-	-	-	-	-	-
						FY17 Adopted	-	5,617,000	-	-	-	5,617,000
							(2,000,000)	2,000,000	-	-	-	-
Belmont Ridge - Gloucester to Hay	General Obligation	2013	2,100,000	-	2,100,000	FY16 Adopted	2,100,000	-	-	-	-	2,100,000
						FY16 Actual	2,100,000	-	-	-	-	2,100,000
						FY17 Adopted	-	-	-	-	-	-
							-	-	-	-	-	-
Belmont Ridge - Truro Parish to Croson	General Obligation	2013	1,080,000	-	1,080,000	FY16 Adopted	1,080,000	-	-	-	-	1,080,000
						FY16 Actual	1,080,000	-	-	-	-	1,080,000
						FY17 Adopted	-	-	-	-	-	-
							-	-	-	-	-	-
Crosstrail Boulevard - Segment A2	Lease Revenue	N/A	18,164,013	15,164,013	3,000,000	FY16 Adopted	12,000,000	3,000,000	-	-	-	15,000,000
						FY16 Actual	12,000,000	-	-	-	-	12,000,000
						FY17 Adopted	-	3,000,000	-	-	-	3,000,000
							-	-	-	-	-	-
Metro Parking Garages	Lease Revenue	N/A	130,000,000	-	130,000,000	FY16 Adopted	40,000,000	50,000,000	40,000,000	-	-	130,000,000
						FY16 Actual	-	-	-	-	-	-
						FY17 Adopted	-	40,000,000	50,000,000	40,000,000	-	130,000,000
							(40,000,000)	(10,000,000)	10,000,000	40,000,000	-	-
Route 606 Widening	Lease Revenue	N/A	21,790,650	21,790,650	-	FY16 Adopted	10,000,000	10,000,000	1,790,650	-	-	21,790,650
						FY16 Actual	21,790,650	-	-	-	-	21,790,650
						FY17 Adopted	-	-	-	-	-	-
							11,790,650	(10,000,000)	(1,790,650)	-	-	-
Route 772 Connector Bridge	Lease Revenue	N/A	18,209,360	-	18,209,360	FY16 Adopted	-	-	18,209,360	-	-	18,209,360
						FY16 Actual	-	-	-	-	-	-
						FY17 Adopted	-	9,334,360	8,875,000	-	-	18,209,360
							-	9,334,360	(9,334,360)	-	-	-
Woodgrove High School/Fields Farm Park Road	Lease Revenue	N/A	3,815,000	1,002,855	2,812,145	FY16 Adopted	3,815,000	-	-	-	-	3,815,000
						FY16 Actual	1,002,855	-	-	-	-	1,002,855
						FY17 Adopted	-	2,812,145	-	-	-	2,812,145
							(2,812,145)	2,812,145	-	-	-	-
Route 7/Route 659 Interchange and Widening to Gloucester	General Obligation	2006	4,500,000	4,500,000	-	FY16 Adopted	-	-	-	-	-	-
						FY16 Actual	-	-	-	-	-	-
						FY17 Adopted	-	-	-	-	-	-
							-	-	-	-	-	-
Total Roads and Bridges						FY16 Adopted	70,995,000	66,617,000	60,000,010	-	-	197,612,010
						FY16 Actual	37,973,505	-	-	-	-	37,973,505
						FY17 Adopted	-	60,763,505	58,875,000	40,000,000	-	159,638,505
							(33,021,495)	(5,853,495)	(1,125,010)	40,000,000	-	-

Note:

(A) FY16 Adopted is the FY 2015-FY2020 Amended CIP (April, 2015).

(B) FY16 Actual is the sum of the Fall 2015 bond sale and the projected or anticipated sale amount for the Spring 2016 . Authorized & unissued amounts were not adjusted for the anticipated Spring 2016 sale amounts.

(C) FY17 Adopted is the FY 2017-2022 Adopted CIP and therefore, the FY 2021 and FY 2022 are not included for the FY 2016 quarterly report.

(D) Amounts within this table are actual and anticipated bond sales and do not match appropriations. This is not an appropriation schedule.

Debt Issuance Status for CIP Projects: FY 16-20 Adopted CIP (April 2015) v. FY 17-22 Adopted CIP (April 2016)

PUBLIC SAFETY												
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Animal Services Facility (1)	General Obligation	2014	15,370,000	-	15,370,000	FY16 Adopted FY16 Actual FY17 Adopted	- - -	5,000,000 7,120,000 2,120,000	5,000,000 5,050,000 50,000	3,200,000 3,200,000 -	- -	13,200,000 15,370,000 2,170,000
Aldie Fire & Rescue Station (includes land)	General Obligation	2006 - Land 2007 - Project	9,504,553	9,504,553	-	FY16 Adopted FY16 Actual FY17 Adopted	- - -	- - -	- - -	- - -	- - -	- - -
Ashburn Volunteer Fire & Rescue Station Renovation	General Obligation	2007	3,620,550	3,620,550	-	FY16 Adopted FY16 Actual FY17 Adopted	- - -	- - -	- - -	- - -	- - -	- - -
Ashburn Sheriff Station (Land Acquisition)	Lease Revenue	N/A	432,145	432,145	-	FY16 Adopted FY16 Actual FY17 Adopted	432,145 432,145 -	- - -	- - -	- - -	- - -	432,145 432,145 -
Courts Complex Phase III (1)	Lease Revenue	N/A	20,300,000	5,000,000	15,300,000	FY16 Adopted FY16 Actual FY17 Adopted	2,300,000 2,300,000 -	- - 10,000,000	- - 3,000,000	- - -	- - -	2,300,000 2,300,000 13,000,000
Juvenile Detention Center	Lease Revenue	N/A	12,015,000	965,300	11,049,700	FY16 Adopted FY16 Actual FY17 Adopted	6,049,700 - -	5,000,000 - 6,049,700	- - 5,000,000	- - -	- - -	11,049,700 - 11,049,700
Lucketts Fire & Rescue Station Replacement (1)	General Obligation	2013	11,490,000	-	11,490,000	FY16 Adopted FY16 Actual FY17 Adopted	5,120,000 2,920,000 -	1,370,000 - 5,570,000	- - 3,000,000	- - -	- - -	6,490,000 2,920,000 8,570,000
Public Safety Firing Range	Lease Revenue	N/A	16,000,000	-	16,000,000	FY16 Adopted FY16 Actual FY17 Adopted	12,000,000 - -	4,000,000 - 4,000,000	- - 12,000,000	- - -	- - -	16,000,000 - 16,000,000
Sterling Fire & Rescue Station Replacement (includes land)	General Obligation	2014	16,480,000	4,010,000	12,470,000	FY16 Adopted FY16 Actual FY17 Adopted	- - -	6,000,000 - -	6,470,000 - 6,115,000	- - 6,355,000	- - -	12,470,000 - 12,470,000
Western Loudoun Sheriff Station (includes land) (2)	General Obligation	2006 - land 2007 - project	9,299,596	7,904,596	1,395,000	FY16 Adopted FY16 Actual FY17 Adopted	- - -	- - -	- - -	- - -	- - -	- - -
Total Public Safety						(A) FY16 Adopted	25,901,845	21,370,000	11,470,000	3,200,000	-	61,941,845
						(B) FY16 Actual	5,652,145	-	-	-	-	5,652,145
						(C) FY17 Adopted	-	32,739,700	34,165,000	9,555,000	-	76,459,700
							(20,249,700)	11,369,700	22,695,000	6,355,000	-	20,170,000

(1) Projects with a variance in the total column represents the amount of debt that was expected to be issued in the Spring of FY 2015, but was not ultimately issued. These amounts are now incorporated into the proposed FY 2017 schedule.

(2) Per Board action on 3/6/2013, a budget adjustment was processed to reduce the Western Loudoun Sheriff Station project budget. Remaining \$1,395,000 will not be issued for the project.

Note:

(A) FY16 Adopted is the FY 2015-FY2020 Amended CIP (April, 2015).

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Debt Issuance Status for CIP Projects: FY 16-20 Adopted CIP (April 2015) v. FY 17-22 Adopted CIP (April 2016)

PARKS, RECREATION AND CULTURE												
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Athletic Field Improvements	General Obligation	2013	2,100,000	2,100,000	-	FY16 Adopted FY16 Actual FY17 Adopted	- - -	- - -	- - -	- - -	- - -	- - -
Dulles South Multipurpose Center Phase II/III	General Obligation	2013	23,155,000	5,920,000	17,235,000	FY16 Adopted FY16 Actual FY17 Adopted	10,000,000 17,235,000 -	7,235,000 - -	- - -	- - -	- - -	17,235,000 17,235,000 -
Lovettsville Community Center	Lease Revenue	N/A	5,380,000	1,000,000	4,380,000	FY16 Adopted FY16 Actual FY17 Adopted	4,380,000 - -	- - 4,380,000	- - -	- - -	- - -	4,380,000 - 4,380,000
Lovettsville District Park	General Obligation	2013	9,000,000	-	9,000,000	FY16 Adopted FY16 Actual FY17 Adopted	4,000,000 - -	5,000,000 - 4,000,000	- - 5,000,000	- - -	- - -	9,000,000 - 9,000,000
Sterling Community Center Replacement	General Obligation	2007/2014	11,582,000	1,598,000	9,984,000	FY16 Adopted FY16 Actual FY17 Adopted	3,899,000 4,900,000 -	3,085,000 - -	1,000,000 - 5,084,000	2,000,000 - -	- - -	9,984,000 4,900,000 5,084,000
Sterling Library	General Obligation	2014	4,850,000	4,850,000	-	FY16 Adopted FY16 Actual FY17 Adopted	- - -	- - -	- - -	- - -	- - -	- - -
Total Parks, Recreation and Culture					(A)	FY16 Adopted	22,279,000	15,320,000	1,000,000	2,000,000	-	40,599,000
					(B)	FY16 Actual	22,135,000	-	-	-	-	22,135,000
					(C)	FY17 Adopted	-	8,380,000	10,084,000	-	-	18,464,000
							(144,000)	(6,940,000)	9,084,000	(2,000,000)	-	-

HEALTH AND WELFARE												
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Round Hill Developmental Services Group Residence	Lease Revenue	N/A	1,500,000	-	1,500,000	FY16 Adopted FY16 Actual FY17 Adopted	1,500,000 1,500,000 -	- - -	- - -	- - -	- - -	1,500,000 1,500,000 -
Youth Shelter Renovation	Lease Revenue	N/A	2,000,000	-	2,000,000	FY16 Adopted FY16 Actual FY17 Adopted	2,000,000 2,000,000 -	- - -	- - -	- - -	- - -	2,000,000 2,000,000 -
Total Health and Welfare					(A)	FY16 Adopted	3,500,000	-	-	-	-	3,500,000
					(B)	FY16 Actual	3,500,000	-	-	-	-	3,500,000
					(C)	FY17 Adopted	-	-	-	-	-	-
							-	-	-	-	-	-

Note:

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Debt Issuance Status for CIP Projects: FY 16-20 Adopted CIP (April 2015) v. FY 17-22 Adopted CIP (April 2016)

GENERAL GOVERNMENT												
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020	Total
Consolidated Shops & Warehouse	Lease Revenue	N/A	21,000,000	21,000,000	-	FY16 Adopted	21,000,000	-	-	-	-	21,000,000
						FY16 Actual	21,000,000	-	-	-	-	21,000,000
						FY17 Adopted	-	-	-	-	-	-
							-	-	-	-	-	-
Landfill Reclamation Project (1)	Lease Revenue	N/A	15,500,000	2,000,000	13,500,000	FY16 Adopted	7,000,000	-	-	-	-	7,000,000
						FY16 Actual	2,000,000	-	-	-	-	2,000,000
						FY17 Adopted	-	6,000,000	5,000,000	2,500,000	-	13,500,000
							(5,000,000)	6,000,000	5,000,000	2,500,000	-	8,500,000
Total General Government						(A) FY16 Adopted	28,000,000	-	-	-	-	28,000,000
						(B) FY16 Actual	23,000,000	-	-	-	-	23,000,000
						(C) FY17 Adopted	-	6,000,000	5,000,000	2,500,000	-	13,500,000
							(5,000,000)	6,000,000	5,000,000	2,500,000	-	8,500,000
Total						(A) FY16 Adopted	150,675,845	103,307,000	72,470,010	5,200,000	-	331,652,855
						(B) FY16 Actual	92,260,650	-	-	-	-	92,260,650
						(C) FY17 Adopted	-	107,883,205	108,124,000	52,055,000	-	268,062,205
							(58,415,195)	4,576,205	35,653,990	46,855,000	-	28,670,000

(1) Projects with a variance in the total column represents the amount of debt that was expected to be issued in the Spring of FY 2015, but was not ultimately issued. These amounts are now incorporated into the proposed FY 2017 schedule.

Note:

(A) FY16 Adopted is the FY 2015-FY2020 Amended CIP (April, 2015).

(B) FY16 Actual is the sum of the Fall 2015 bond sale and the projected or anticipated sale amount for the Spring 2016 . Authorized & unissued amounts were not adjusted for the anticipated Spring 2016 sale amounts.

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Traffic Signal Process

Normal and Customary Timeframe to Complete a Traffic Signal Project: Traffic signal projects are typically initiated by a District Supervisor proposing a Board Member Initiative (BMI) to direct staff to evaluate traffic operations at a particular location based on citizen complaints, high accident occurrence rates or other means. The BMI typically directs staff to seek out the funding source to complete various studies and engineering design, plats and deeds. In some instances, the Board Member or their aide assemble a meeting with County staff and VDOT to define the problem and discuss potential solutions.

The first step in the process is to complete a traffic signal warrant analysis. This analysis is defined by Federal Highway Administration (FHWA) and VDOT criteria. Upon receiving the Board's direction, Staff from the Department of Transportation and Capital Infrastructure (DTCI) develop a general scope of services and contacts one of the various on-call task order consultants to discuss the project. From the initial meeting the consultant develops a scope of services to complete the Board's direction. Often, this time period includes meetings with the District Supervisor and other entities such as the Sheriff's Office and VDOT to fully understand the perceived need and concern. Following agreement on the scope, the Consultant prepares a written price proposal consistent with the on-call contract. The timeframe to complete this portion of the work can be between two to four weeks, depending on the number of times staff needs to review and revise the proposal to accurately reflect the needed scope.

Concurrent with the proposal development, staff is researching the potential funding sources for the project. Often times, proffers are found that may qualify for use on the project, however, a determination from the Zoning Administrator is necessary before DTCI staff can propose the funding for the project. If a zoning determination is needed, a request is drafted and sent to the Zoning Administrator to render an opinion. There is a 30 day appeal period for proffer determinations that must elapse before the funds can be spent. On other occasions, it will be necessary to prepare a budget adjustment to move funding from one project to another. This requires coordination between the project manager, capital budget staff and staff from the Department of Management and Budget. In some special cases using proffers, it may be necessary to seek approval for the alternate use of cash proffer payments. If this is necessary, an advisory memorandum must be requested and obtained from Zoning Administration, and the matter must be considered at a Board of Supervisors public hearing; the process also requires written notification be issued to the party to pay the proffer contribution 30 days before the funds are spent. Depending on the source of funding proposed, and if a zoning determination is needed or not, resolving the funding source for the project could add an additional two to three months to this phase of the project.

Following agreement on the project scope and price; Staff prepares the staff report blurb, full staff report and attachments for presentation to the Finance, Government Operations and Economic Development Committee (FGOEDC). The staff report summarizes the background regarding the project initiation, summarizes the proposed funding sources, and seeks authorization from the Board for the recommended funding source. The time necessary to schedule a staff report item on the agenda, complete the draft, coordinate with County Administration to review comments and revise the draft to a final document. Following a favorable approval from the FGOEDC, staff revises the document to reflect the change in meeting type and resubmits the item for review by County Administration for

inclusion on a subsequent Board Business meeting. This portion of the process can take one to two months.

Upon final approval by the Board, staff processes a purchase order through the Procurement Office for the consultant to complete the traffic signal warrant analysis. Following receipt of the purchase order, a kick-off meeting is held with the consultant, DTCI and VDOT staff and other interested parties, including District Supervisors. Following this meeting, the consultant initiates the study process to prepare a Traffic Signal Warrant Analysis. This process includes the collection of traffic count data, researching the intersection accident history, and compilation of the data. The data is then reviewed and analyzed for the FHWA and VDOT required warrants. VDOT also requires each intersection to be evaluated for installation of a roundabout configuration before authorization to proceed with the traffic signal design is approved. A report is then prepared and sent to the DTCI project manager and VDOT for review and approval. This portion of the process typically takes three to five months, which includes the VDOT review, comment and approval process (and it is dependent on the quality of the report and complexity of the intersection under analysis).

Upon VDOT granting approval of the traffic signal warrant analysis, the consultant proceeds with the signal design. Designs must be completed in accordance with the VDOT procedures and format. The consultant conducts surveys, prepares the engineering plans, and coordinates with utilities to determine if any conflicts exist or will be created by the signal installation. Once the traffic signal plan is approved by VDOT, the plan is valid for a period of one-year. Projects which do not advance to construction within the one-year period must be resubmitted to VDOT prior to advertisement for construction bids to ensure the plan reflects the most up to-date signal standards. The resubmission of a traffic signal plan and subsequent VDOT approval may take one to two months to complete. Land and right-of-way boundaries are established to determine if additional easements or right-of-way is needed to install the traffic signal and its cabinet. A typical timeframe to prepare a traffic signal design and obtain VDOT's approval is four to six months (the turnaround time for VDOT to review signal plan is 45-60 days, which typically requires two plan submittals to achieve plan approval). If turn lanes must be constructed with the signal and if additional right-of-way is needed more time is necessary to prepare survey plats and deeds, and have those documents reviewed and approved by Building and Development and County Attorney Office. The right-of-way plats are not prepared until after the traffic signal plan is approved. This step also requires the County Attorney's Office to order title work. Often times, VDOT will require the construction of turn lanes as part of a traffic signal project. Should this be the case, a construction plan and profile (CPAP) will also need to be prepared. Unlike the traffic signal plans, the CPAP will require both B&D and VDOT's review and approval (the turnaround time for CPAP review is 45-60 days, which typically requires 2 plan submittals to achieve plan approval). These requirements create greater right-of-way needs and increase the project design and construction costs. The consultant prepares an opinion of the costs to construct the project.

While the consultant is developing the design, staff from DTCI continues the search for land acquisition and construction funding based on cost estimates prepared during the design phase. As indicated previously, this effort can include an extensive administrative process to use proffers, flex proffers or move funds from one account to another. If construction funding is not previously approved as part of the capital budget, staff drafts another staff report and attachments for FGOEDC to consider. Following a favorable approval from the FGOEDC, staff revises the document to reflect the change in meeting type and resubmits the item for review by County Administration for inclusion on

a subsequent Board Business meeting. This portion of the process can take one to two months. If extensive land acquisition is necessary, just a few to several months could be added to the timeframe depending on the level of cooperation with the property owners. Typically land acquisition will add six to nine months for a signal project.

At this point in the process, the project is ready for the invitation for bids (IFB) and construction documents to be compiled for advertisement. Once bids are received, they are reviewed for accuracy and discrepancies. Assuming none are found, the project is scheduled for award by the full Board if the project cost exceeds the Procurement Agent's award authority. Preparing the IFB, legal review, advertisement, review of the bids and establishment of the recommended lowest responsible and responsive bid can typically take four to six months.

Upon award of the contract by the Purchasing Agent or full Board, a purchase order is issued to the successful vendor. Following the award, contracts are executed, pre-construction submittals are requested including a project schedule and a pre-construction conference is scheduled within 30 days following execution of the contract. The actual construction then commences and is completed. A typical traffic signal construction project, depending on the number of turn lanes also associated with the signal can take between six and nine months to complete. The construction timeframe for completion is also impacted by the complexity of the traffic signal design. When large mast arm poles or other unique design features exist, VDOT may take additional time to review the contractor's submittals. In total, depending on the various issues associated with the signal warrant study, design, land acquisition, and construction the entire process can take 24 to 45 months to complete.

Date of Meeting: April 12, 2016

#14

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
INFORMATION ITEM**

SUBJECT: Update on Public Safety Technology Systems (PSTS) Project

ELECTION DISTRICT: Countywide

STAFF CONTACTS: Wendy Wickens, Dept. of Information Technology
Keith Brower, Chief, Fire, Rescue and Emergency Management
Mike Chapman, Loudoun County Sheriff
Matt Tobia, Asst. Chief, Support Services and Volunteer Admin.

PURPOSE: To provide an update on the status of the County's new Computer Aided Dispatch (CAD) system implementation.

BACKGROUND: Loudoun County began implementation of a new CAD system in July 2014 as part of a larger Public Safety Technology System (PSTS) replacement and upgrade initiative. The County's existing CAD system lacks efficiency and modern capabilities in handling today's nomadic emergency calling environment. Replacement of the CAD presented the County with an opportunity to gain additional applications, and enhance records management and emergency response capabilities to better serve the residents and visitors of Loudoun County through the PSTS initiative.

On July 2, 2014, the Board of Supervisors approved award of this project to the prime vendor, Motorola Solutions for a total base price of \$10,785,796 including the first year of maintenance, with an additional four (4) years of annual maintenance support totaling \$5,442,410 for a combined total of \$16,228,206. As part of its FY 2016 Adopted Budget (April 2015), the Board provided \$364,753 in local tax funds for 3.00 FTEs for the Department of Information Technology in order to support the Public Safety Technology System. In addition, funding for overtime for training of staff in the amount of \$790,812 was set aside in a non-departmental account. In FY 2016, the Board also approved \$1.4 million in financing as part of its Adopted FY 2015-FY 2020 CIP for the PSTS capital project for the purchase of additional licenses to incorporate an estimated 1,200 volunteer fire and rescue users of the PSTS (\$796,780), specifically the CAD and Records Management System (RMS) components and to increase the contingency for the project.

STATUS: The project was initiated on July 29, 2014 with a vendor kick-off meeting, and activities to complete the system implementation commenced following this date. The project consists of three (3) major sub-systems, and several related applications:

1. Orion Workforce Management Application
2. Computer Aided Dispatch (CAD) and Mobile Application
3. Records Management System (RMS)

Specific activities to accomplish the implementation of all three (3) major Sub-Systems are currently underway.

Sub-System 1 - Orion Workforce Management Application

Orion is providing the County emergency responder community with a common personnel management solution known as AgencyWeb. It is a web-based system that centralizes the automated coordination of day-to-day public safety workforce management. AgencyWeb spans all applications and provides a single portal from which to manage users, training, scheduling, and work. The integration of this application also provides the County with a mechanism to track an individual resource across all departments. It integrates schedule management with the positions being filled and the personnel who are qualified to fill those positions. Events are monitored to inform supervisors when staffing levels are low or excessive; and therefore allowing personnel to be moved to the optimal position. Since workforce events are coordinated, scheduling conflicts are viewable. Once changes are committed, they are reflected in each employee's profile. The Orion sub-system is also crucial to the successful update of unit availability to the CAD application, and by extension for the National Capital Regions' (NCR) Data Exchange Hub (DEH) CAD-2-CAD initiative. The Orion application will also directly interface to the County's Cyborg platform for electronic time reporting by all public safety agency resources.

The Orion sub-system is in the implementation phase with ongoing data configuration and verification, acceptance testing, and user training currently underway. The Orion portion of the project is within budget and scope, but is behind schedule by approximately ten (10) weeks. This schedule delay is a result of the Orion application's inability to accommodate FREM's personnel and staffing procedures without significant modification. The personnel module of this application is on track for deployment for use throughout the Sheriff's Office by the end of April 2016. However, the personnel module of the application design is not currently in accordance with the RFP requirements or meeting the needs for FREM. The vendor is currently implementing remediated design updates in an effort to achieve FREM's goals. The forecasted completion and cutover to the Orion application for FREM is for July 2016. Motorola staff is providing weekly updates regarding the schedule status of system component, including Orion. If there is a delay in the cutover readiness of the Orion component, it might delay the go-live of the other system components. However, the County may choose to cutover with the new CAD, Mobile, and RMS components without Orion. This decision would be based on the County's subject matter expert recommendations at that time.

Sub-System 2 - CAD Application

The CAD application is being provided by Motorola Solutions and is known as PremierOne. CAD consists of several modules that will provide services at multiple levels within the Emergency Communications Center (ECC) and in the field. It not only provides a modern computer-based method of dispatching emergency services, but will also provide dispatchers in the ECC with the ability to view and understand the status of all units available and being dispatched, capability to send emergency caller and response information to first responders in the field through a Mobile Data Computer (MDC), and store and retrieve data from any incident. Additionally, Loudoun County has procured 26 specific interfaces to be deployed with the PremierOne CAD application that will further enhance the County's emergency response capabilities. These include interfaces to the County's E911 call taking system, Westnet paging system, Radio system, and Corrections applications, among many others.

This CAD sub-system is in the implementation phase with ongoing data provisioning and verification, acceptance testing, and user training currently underway. The CAD portion of the project is currently on schedule, within budget and scope and there are currently no serious issues with this phase. The CAD cutover is forecasted for late summer 2016. However, the complete deployment and cutover of the CAD application is contingent upon the successful completion of other integrated applications, such as the Orion

component described above. As mentioned previously, a delay in the cutover of the Orion component might result in a delay to the cutover of the CAD component. If County subject matter expert resources determine that the County would be better served by going live with CAD, as opposed to introducing additional delay to the cutover schedule, the CAD can fully function without Orion, but automated capabilities brought by the Orion component would then need to be conducted manually until such time that Orion was readied for cutover.

Mobile System

In order to achieve full functionality of the capabilities described above, the CAD sub-system involves the deployment of a mobile component. The Mobile component provides emergency responders in the field with emergency caller location and other information to respond to emergency calls for service when dispatched. The Mobile component allows dispatchers to recommend closest units based on their location at the time of the call, and provides routing information (turn by turn directions) to the responders. Motorola has recognized that the Mobile component contains a defect preventing accurate reading of GPS location information by the Mobile units and preventing accurate interpretation between the Mobile and CAD systems. This prevents proper routing information from being made available to the mobile units and ultimately to the first responders.

The issue identified above has created a delay in the deployment of the Mobile system, and by extension, the full deployment of the CAD system. It is not in the best interest of public safety to deploy the CAD system without a fully functional Mobile component. To that end, Loudoun County is working with Motorola to define a revised schedule for deployment that provides sufficient time to develop, implement, and test the required update to the Mobile system to make it function properly. This is forecasted to be complete in late April 2016, and has contributed to a revised cutover target date for the CAD, Mobile, and RMS systems in late summer 2016. The County will not cutover the Mobile system if it is not fully functional and error-free. Therefore, the project could be further delayed if the Mobile system issue cannot be resolved in accordance with the revised schedule provided in Attachment 1.

CAD-2-CAD (C2C)

Loudoun County is in regular communication with Data Exchange Hub (DEH) staff to coordinate all remaining testing to complete the deployment of the C2C interface for fire and rescue dispatch operations. This testing is scheduled to resume following the deployment of the CAD system, and after completion of a 30-day error free period in which the CAD system is continually in real-time use without any serious system errors. As a result, the C2C testing is expected to resume in September 2016 and continue for up to 90 days, resulting in readiness of the C2C interface before the end of calendar year 2016. This interface will then provide the County with the ability to readily know the availability of mutual aid assets, which will result in more timely notification of those units for response into Loudoun County. Long term, C2C will have the capability to identify and recommend for dispatch the closest units to the location of an emergency regardless of County jurisdictional boundaries. In other words, if a capable Fairfax unit is closest to an emergency caller's location and is available, Loudoun County dispatchers will be able to assign that Fairfax unit to that emergency, saving valuable time in the response process.

Sub-System 3 - RMS Application

The RMS application is being provided by Motorola Solutions and is part of the PremierOne suite of products. This application captures and secures all records data into a single repository for advanced information sharing. This aspect is critical to FREM which has never possessed a CAD-based RMS, which severely limits the collection and reporting of fire and rescue incident data, as well as critical non-incident data (training records, productivity reporting, etc.) on a County wide basis. The RMS application will allow FREM to move to a centralized and uniform reporting platform, consistent with philosophy of the Combined Fire and Rescue System Ordinance adopted by the Board of Supervisors in July 2014.

Loudoun County’s specific business processes will be matched to PremierOne’s data entry methodology resulting in easily searchable, presentable and shared data across multiple agencies. Information stored in the RMS will be accessible from multiple applications and platforms, both in the ECC and in the field through the MDCs to increase first responder situational awareness and enhance interoperability and information sharing.

The RMS system is in the implementation phase with ongoing module provisioning and verification, acceptance testing, and user training currently underway. This phase of the project is currently on schedule, within budget and scope, and there are currently no serious issues with this phase. Due to the interdependencies of the various products and the plan to deploy the RMS and CAD systems simultaneously, the cutover of the RMS application is forecasted for late summer August 2016.

The following tables illustrates the current project budget for the PSTS to date:

TABLE 1. Public Safety Technology System Project Funding Status	
Project Budget	\$14,011,115 ^{1,2}
Actual Expenses To Date	-\$6,419,362
Encumbrances	-\$5,945,111
Available Balance	\$1,646,642
Approved and Pending Fund Uses	\$800,170
Available Contingency Funds Balance	\$846,472
Notes:	
¹ The total Project Budget includes the \$13.4 million in capital appropriations and use of fund balance for \$237,480 for RMS and \$373,635 for eCitation devices for the Sheriff’s Office.	
² The Motorola Solutions contract is \$10,785,796 of the \$14.01M project budget. There will be future annual maintenance support costs in DIT’s annual baseline budget for four (4) consecutive fiscal years totaling \$5.4M for a total contract of \$16.2M.	

TABLE 2. Training Budget for Public Safety Technology System ¹			
Training	Budget	Actual Y-T-D ²	Balance
FREM	\$225,063	\$37,106	\$187,957
LCSSO	565,749	40,357	\$525,392
TOTAL	\$790,812	\$77,463	\$713,349
Notes:			
¹ The total overtime reserve budget was established in January 2015.			
² As of the pay period ending 3/30/16, approximately 38% of all identified system training has been completed. Through the same time period, the amounts listed above have been charged to the established overtime training budgets for the Public Safety Technology System.			

FISCAL IMPACT: Additional funding is not requested at this time

Date of Meeting: April 12, 2016

#15

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **Bond Disclosure and Continuing Disclosure Policy**

ELECTION DISTRICT: Countywide

CRITICAL ACTION DATE: At the Pleasure of the Board

STAFF CONTACTS: John Sandy, Assistant County Administrator
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

PURPOSE: To establish policies and procedures for compliance with disclosure requirements in connection with County bond issuances.

RECOMMENDATION: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend that the Board of Supervisors adopt the proposed Disclosure and Continuing Disclosure Policy as shown in Attachment 1, which establishes procedures for compliance with disclosure requirements in connection with County bond issuances. A summary of responsibilities under the policy is provided in Attachment 2.

BACKGROUND: Disclosures and continuing disclosure is a critical aspect of the issuance and sale of municipal securities. Each time the County issues bonds in a public offering, certain disclosure documents, including a Preliminary Official Statement (POS), an Official Statement (OS) and a credit presentation are prepared. As the corporate body of the County, the Board of Supervisors has the ultimate responsibility for the representations of the County within the disclosure documents.

The POS is the primary document used by underwriters to provide potential investors with detailed information, risk disclosures, and other material information about the County so that an informed decision may be made to invest in the County's bonds.

The OS includes final information about the securities including the offering price, interest rates, bond ratings and other terms of the bonds. The POS and OS include the County's "official" statements about its financial condition, the type of bonds, the projects to be financed and the sources of repayment for the bonds. In conjunction with the POS, a credit presentation is prepared

for the three bond rating agencies which also contains information about the County's prior and current financial and economic condition, the County's Capital Improvement Program, debt portfolio, and projects to be financed with the bonds, in order to receive a rating which is reported in the final Official Statement.

Because these disclosure documents are used by investors and bond rating agencies to make determinations about the County's bonds, it is critical that these documents do not contain any untrue or misleading statements of material fact or omit material facts. As part of the preparation of the POS and OS, County staff spends considerable time reviewing and analyzing the County's financial documents, including the adopted budget, the annual financial report and any other documents that are made public which contain information about the County financial or economic condition, to make sure that the updates made to the POS and OS are accurate across all documents.

Staff should assess and report on the County's compliance with prior continuing disclosure undertakings under its existing Continuing Disclosure Agreement at a minimum, annually. Any government or governmental entity issuing bonds has an obligation to meet specific continuing disclosure standards in compliance with U.S. Securities and Exchange Commission (SEC) Rule 15c2-12 under the Securities Exchange Act of 1934, as amended. Rule 15c2-12 requires underwriters to ensure that the state or local government bond issuers agree to file certain annual financial information and material event notices with the Municipal Securities Rulemaking Board on an ongoing basis, by executing a Continuing Disclosure Agreement (CDA) with each bond issuance. The CDA requires filing of the following information:

Annual Financial Information:

- Financial information and operating data for the issuer
- Audited financial statements of the issuer

Event Notices:

- Principal and interest payment delinquencies;
- Non-payment related defaults, if material;
- Unscheduled draws on debt service reserves reflecting financial difficulties;
- Unscheduled draws on credit enhancements reflecting financial difficulties;
- Substitution of credit or liquidity providers, or their failure to perform;
- Adverse tax opinions or other material events affecting the tax-exempt status of the Bonds;
- Modifications to rights of the holders
- Bond calls, if material, and tender offers;
- Defeasances;
- Release, substitution, or sale of property securing repayment of the Bonds, if material;
- Rating changes;
- Bankruptcy, insolvency, receivership or similar events;
- Merger, acquisition or sale of all issuer assets
- Appointment of a successor or additional trustee

The SEC has increased its focus on disclosures and continuing disclosure compliance over the last several years. On March 10, 2014, the SEC introduced the Municipalities Continuing Disclosure Cooperation Initiative (MCDC Initiative), which encourages issuers and underwriters of municipal securities to self-report any material misstatements made in Official Statements relating to outstanding bond issues with respect to the issuer's prior compliance with its continuing disclosure obligations as specified in Rule 15c2-12.

At its November 5, 2014 Business Meeting, the Board of Supervisors adopted a resolution authorizing staff to self-report any possible non-compliance related to prior continuing disclosure obligations as part of the MCDC Initiative (Attachment 3). This was a very important step in increasing the County's credibility in the market as well as demonstrating a good disclosure track record which is viewed favorably by investors, credit rating agencies and the public. Additionally, with the December 2014 revision to the Fiscal Policies, language was added to the Debt Management Policies section that states the County shall comply with all U.S. Internal Revenue Service rules and regulations regarding the issuance of tax-exempt debt, and with all SEC requirements for continuing disclosure of the County's financial condition, as well as all applicable Municipal Securities Rulemaking Board requirements.

Since that time, staff has proactively worked to develop comprehensive disclosure policies which provide formal written procedures to be followed for the preparation of disclosure documents, as well as the procedures for providing continuing disclosure information as required by the CDA in connection with each bond issuance. The proposed Disclosure and Continuing Disclosure Policy (Attachment 1) was developed by staff in the Department of Finance and Procurement, with the assistance of the County Attorney's Office and the County's Bond Counsel, Nixon Peabody. It is ideal to have the Board adopt disclosure policies prior to the County's next bond sale, which is planned in May 2016; and therefore, staff is requesting recommendation and subsequent adoption of the policies at this time. Staff in the Department of Finance and Procurement will review the policies annually, and bring any substantial and material changes to the Board for review and approval.

ISSUES: Currently, the County does not have formally written policies and procedures which document the process for preparing and disseminating disclosure documents or the filing of continuing disclosure information. Bond Counsel and staff believe that having formally written and adopted disclosure policies will not only assist staff in making sure that the proper review and analysis is done in preparation of the disclosure documents and that continuing disclosures are made in a timely fashion, but it will also assure the public that the County is committed to transparency regarding its financial condition when going to the market.

FISCAL IMPACT: There is no fiscal impact associated with the adoption of the Disclosure and Continuing Disclosure Policy.

ALTERNATIVES:

1. Recommend to the Board of Supervisors to adopt the proposed Disclosure and Continuing Disclosure Policy.

OR

2. Do not recommend adoption of the proposed Disclosure and Continuing Disclosure Policy and direct staff on how to proceed.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend the Board of Supervisors adopt the Disclosure and Continuing Disclosure Policies as provided in Attachment 1.

AND

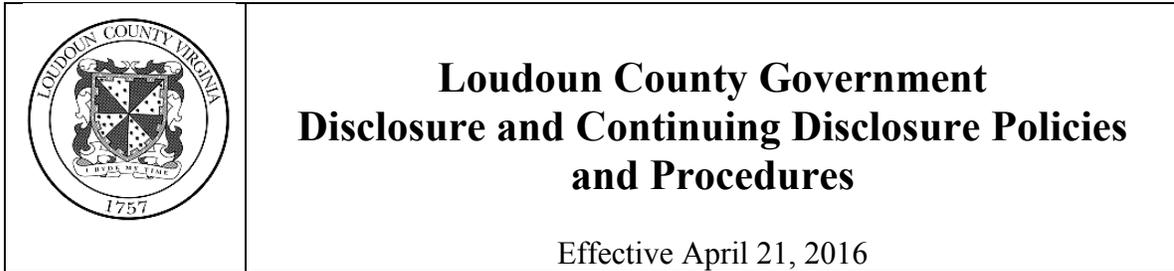
I further move that the Department of Finance and Procurement be delegated the responsibility to make administrative updates to the policies and procedures as needed, and will bring any material changes to the policies to the Board of Supervisors for review.

OR

2. I move an alternate motion.

ATTACHMENTS:

1. Proposed Disclosure and Continuing Disclosure Policy
2. Summary of Responsibilities for Disclosure Documents and Continuing Disclosure Filings
3. November 5, 2014 Board of Supervisors Action Item- Resolution Directing Actions in Connection with the Securities and Exchange Commission's Municipalities Continuing Disclosure Cooperative Initiative.



Purpose:

When the County issues bonds or other debt instruments in a public offering, it is responsible under the federal securities laws for the completeness and accuracy of its Disclosure Documents. Specifically, the County needs to use reasonable efforts to ensure that the Disclosure Documents do not contain any untrue statement of material fact or omit a material fact necessary to make the statements included therein not misleading in any material respect, in light of the circumstances under which they were made. Additionally, underwriters are required to cause the County to enter into a written undertaking to provide ongoing post-issuance disclosures for the benefit of the holders of the County's bonds, pursuant to Rule 15c2-12 of the Securities and Exchange Commission (SEC).

The purpose of these policies and procedures is to:

- (a) ensure that the County's Disclosure Documents are accurate and complete, and comply with all applicable federal and state securities laws;
- (b) promote best practices regarding the preparation of the County's Disclosure Documents; and
- (c) identify roles and set forth responsibilities regarding the preparation, review and filing of Disclosure Documents.

Failure to comply with these Disclosure Policies will not affect the authorization or the validity or enforceability of any bonds, notes or other indebtedness that are otherwise issued by the County in accordance with law or imply a failure to comply with federal or state securities laws.

Definitions:

Bond Counsel: means the attorney or firm of attorneys of nationally recognized standing in the field of law relating to the issuance of obligations by state and municipal entities and federal securities laws selected and engaged by the County to advise the County with respect to the issuance, validity and, if applicable, tax-exempt status of its bonds.

Continuing Disclosure Agreement or CDA: means the County's contractual obligations to provide updates on an annual basis to certain financial information and operating data and to provide certain event notices in accordance with SEC Rule 15c2-12.

County Financing Disclosure Working Group: means the County's Debt Manager, Capital Budget Manager, Director of Management and Budget or designee, Controller, Deputy

Director and Director of the Department of Finance and Procurement, County Attorney (or his or her designee), the County’s financial advisors and Bond Counsel. Note: Position titles and department names may change.

Data Group: means the members of the staff from the Department of Economic Development, Department of Management and Budget and Department of Planning and Zoning who provide periodic updates of the County’s economic, demographic and operating (revenue and expenditures) data/indicators. Staff position titles of this group may include: Research Manager, Economist, Market Intelligence Manager and Demographer. Note: Position titles and department names may change.

Disclosure Documents: means (a) offering documents prepared in connection with a primary offering of bonds, such as the Preliminary Official Statement, including Appendix A – the County’s Information Statement (the “POS”) and the Final Official Statement, including Appendix A – the County’s Information Statement (the “FOS”), (b) credit presentations, (c) financial information and operating data of the type included in the FOS, (d) audited financial statements (i.e., the County’s Comprehensive Annual Financial Report (the “CAFR”)), (e) event notices and any other filings with the MSRB, and (f) and any other documents that are reasonably likely to reach, in the normal course of business, investors or the securities markets with respect to the County’s financial or operating condition or the County’s bonds.

Disclosure Policies: means these disclosure policies, as they may be amended or supplemented from time to time.

MSRB: means the Municipal Securities Rulemaking Board or any other entity designated or authorized by the Securities and Exchange Commission to receive filings pursuant to SEC Rule 15c2-12.

Rule 15c2-12: means Rule 15c2-12 promulgated by the Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended, including any official interpretations thereof.

General Principles Relating to Preparation of Disclosure Documents:

- a. Each person participating in the process of reviewing Disclosure Documents is responsible for raising potential disclosure items or issues at all times.
- b. The process of revising and updating Disclosure Documents should not be viewed as simply the mechanical insertion of more current information. Rather, everyone involved in the process should consider the need for updates and/or revisions in the form and content of the sections for which they are responsible.

Preparation of Certain Disclosure Documents in Connection with a Bond Issue:

The Controllers' office, under the supervision of the Director of Finance and Procurement of the County, and in consultation with the County's Bond Counsel and County Attorney's Office, will be responsible for facilitating the process of preparing, reviewing and filing certain Disclosure Documents, as described below.

- 1) Preliminary Official Statement/Final Official Statement (POS/FOS):
 - a. The Debt Manager will inform the Data Group and the County Financing Disclosure Working Group of an upcoming sale of bonds and proposed financing schedule.
 - b. The Debt Manager will disseminate to the Data Group the initial draft of the POS, with a deadline for completing the review and submitting all updates.
 - c. The Data Group is responsible for updating the information relative to the County included in the POS. Of particular import is that Appendix A and any other information concerning the County and that it is thoroughly and critically compared for accuracy against the CAFR.
 - d. After the Data Group has conducted its review of the initial draft of the POS, the Debt Manager, coordinating with Bond Counsel, will disseminate an updated POS incorporating comments from the Data Group to the County Financing Disclosure Working Group.
 - e. Prior to reviewing the updated POS, the members of the County Financing Disclosure Working Group will meet or participate by conference call upon the direction of the Debt Manager. At such meeting, the members of the County Financing Disclosure Working Group will consider the following topics:
 - i. Review and Analyze Reports and Other Information. The members of the County Financing Disclosure Working Group will review and discuss (i) the most recently published annual budget of the County, (ii) the most recently published CAFR of the County, including any letters or communications containing recommendations by the County's independent auditors, and (iii) any other documents as directed by the Debt Manager, Controller or the County Attorney's Office.
 - ii. Structural Balance of the Budget and Financial Condition of the County. The members of the County Financing Disclosure Working Group will discuss the current internal projections of revenues and expenditures of the County and in connection therewith: (i) the existence of any structural deficit or surplus, (ii) the reasonableness

of the assumptions underlying such internal projections and (iii) any internal or external risks to the operations of the County that challenge any of such assumptions.

- iii. Contingent Risks. The members of the County Financing Disclosure Working Group will discuss the following contingent risk matters: (i) whether the County is properly insured against the risks to its operations, (ii) the County's exposure to investment losses or other investments. (iii) any material litigation that is pending or, to the knowledge of the members, threatened against the County and (iv) whether disclosure of uninsured risks is adequate.
 - iv. Continuing Disclosure Compliance. At the meeting, the Debt Manager will designate one or more members of the County Financing Disclosure Working Group to assess and report on the County's compliance with its prior continuing disclosure undertakings under its existing CDAs.
 - v. Website Review. At the meeting, the Debt Manager will designate one or more members of the County Financing Disclosure Working Group to compare the County's financial information and operating data published on the County's website against the County's financial information and operating data included in the POS, to ensure consistency.
- f. After the County Financing Disclosure Working Group has met to consider the above-mentioned subjects, the members will review the updated POS. The Debt Manager will set a deadline for completing such review. The County Financing Disclosure Working Group will then meet or participate by conference call upon the direction of the Debt Manager in order to make the following determinations:
- i. Does the POS fully and accurately present the County's financial condition and operations, litigation status, continuing disclosure history and any other County-specific information included therein?
 - ii. Does the POS omit any material information regarding the County, including any information discussed at the meeting?
 - iii. Do any unexplained and material differences exist in the presentation of the information included in the POS compared to: (1) the information included in the County's most recent CAFR, (2) the information available on the County's website, or (3) the matters raised during the County Financing Disclosure Working Group's initial meeting?

- iv. Should the County conduct any additional investigations into its financial condition, operations or other matters in order to address any inconsistent, inaccurate or missing information in respect to the POS?
- g. The Debt Manager will be responsible for (i) addressing and resolving any issues that are raised during the meetings of the County Finance Disclosure Working Group and (ii) coordinating with the County Attorney's Office and Bond Counsel to make any necessary modifications to the POS prior to printing.
- h. The Controller, Deputy Director and Director of Finance and Procurement are responsible for the final review of the POS and confirming with the Debt Manager, County Attorney's Office, Bond Counsel and the financial advisors that the POS is in final form for printing.
- i. Once confirmation has been given to Bond Counsel that the Official Statement is in final form, Bond Counsel will coordinate the printing of the POS and confirm the filing of the POS on the MSRB's Electronic Municipal Market Access system ("EMMA") website.
- j. After printing and filing of the POS, if any member of the Data Group, County Finance Disclosure Working Group or other County employee becomes aware of any information that calls into question the accuracy or completeness of the statements contained in the POS, he or she must immediately notify the Debt Manager, who in turn will notify Bond Counsel and the County Attorney's Office. Bond Counsel and the County Attorney's Office, in consultation with the Debt Manager, Controller, Deputy Director and Director of Finance and Procurement, will make a determination regarding whether or not such information requires the printing and posting of a supplement to the POS.
- k. After the pricing of the bond issuance, Bond Counsel will prepare the FOS, which will be identical to the POS except for the inclusion of the final pricing information for the bond issuance and other information dependent upon or determined as part of the pricing.
- l. After printing and posting of the FOS, if any member of the Data Group, County Finance Disclosure Working Group or other County employee becomes aware of any information that calls into question the accuracy or completeness of the statements contained in the FOS, he or she must immediately notify the Debt Manager, who in turn will notify Bond Counsel and the County Attorney's Office. Bond Counsel and the County Attorney's Office, in consultation with the Debt Manager, Controller, Deputy Director and Director of Finance and Procurement, will make a determination regarding whether or not such information requires the printing and posting of a supplement to the FOS.

2) Credit Presentation:

- a. Simultaneously with the dissemination of the electronic version of the POS, the Debt Manager will also disseminate the most recent draft of the credit presentation to the Data Group for review, with a deadline for completing the review and submitting any updates.
- b. After the Data Group has conducted its review of the draft credit presentation, the Debt Manager will disseminate an updated version of the credit presentation incorporating comments from the Data Group to the County Financing Disclosure Working Group for review, with a deadline for completing the review and submitting all updates.
- c. After the County Financing Disclosure Working Group has conducted its review of the draft credit presentation, the Debt Manager will disseminate an updated version of the credit presentation incorporating comments from the County Financing Disclosure Working Group to the Controller, Deputy Director and the Director of the Department of Finance and Procurement, as well as the County Administrator (if the presentation is for the New York presentation or County tour presentation).
- d. The Controller, Deputy Director and the Director of the Department of Finance and Procurement, as well as the County Administrator (if the presentation is for the New York presentation or County tour presentation) are responsible for the final review of the credit presentation and confirming with the financial advisors that the credit presentation is in final form.
- e. Copies of the final presentation will be provided to the Chair of the Board of Supervisors and the Chair of the Finance/Government Operations and Economic Development Committee in advance of the presentation (if the presentation is for the New York presentation or County tour presentation).
- f. Once confirmation has been given to the financial advisors that the credit presentation is in final form, financial advisors will send a copy of the credit presentation to the rating agencies in advance of the presentation.

Continuing Disclosure Filings:

The CDA, which is executed by the County at the closing of each bond issuance, evidences the County's commitment to provide on-going disclosure in accordance with SEC Rule 15c2-12.

The Controllers' office, under the supervision of the Director of Finance and Procurement of the County, and in consultation with the County's Bond Counsel and County Attorney's Office, will be responsible for: (i) confirming the disclosure filing requirements under each

of the County's CDAs and (ii) coordinating the filing of such disclosures, as outlined in this section.

Required Disclosure Filings

SEC Rule 15c2-12 generally requires the County to provide the following information:

- 1) Annual Financial Information:
 - (a) Financial information and operating data of the type included in FOS, as specified in the CDA;
 - (b) Audited financial statements for the County (i.e., the County's CAFR) and, if such audited financial statements are not available, unaudited financial statements; and
 - (c) If such annual financial information will not be filed by the date specified in each CDA, notice of a failure to timely file such annual financial information.

- 2) Notice of the Following Events:
 - (a) principal and interest payment delinquencies;
 - (b) non-payment related defaults, if material;
 - (c) unscheduled draws on debt service reserves reflecting financial difficulties;
 - (d) unscheduled draws on credit enhancements reflecting financial difficulties;
 - (e) substitution of credit or liquidity providers, or their failure to perform;
 - (f) adverse tax opinions or the issuance by the Internal Revenue Service of proposed or final determinations of taxability, Notices of Proposed Issue (IRS Form 5701-TEB) or other material notices or determinations with respect to the tax status of the bonds, or other material events affecting the tax-exempt status of the bonds;
 - (g) modifications to rights of the holders (including Beneficial Owners) of the bonds, if material;
 - (h) bond calls, if material, and tender offers;
 - (i) defeasances;
 - (j) release, substitution, or sale of property securing repayment of the bonds, if material;
 - (k) rating changes;
 - (l) bankruptcy, insolvency, receivership or similar events;
 - (m) the consummation of a merger, consolidation, or acquisition involving an obligated person or the sale of all or substantially all of the assets of the obligated person, other than in the ordinary course of business, the entry into a definitive agreement to undertake such an action or the termination of a definitive agreement relating to any such actions other than pursuant to its terms, if material; and
 - (n) appointment of a successor or additional trustee or the change of name of a trustee, if material.

The County is required to file the annual financial information and event notices described above with the MSRB through the EMMA system. The EMMA system is located at <http://emma.msrb.org>. Such filings must be made in a word-searchable PDF format. Filing instructions for EMMA can be found on the department's G drive at: G:\Financial Services\Debt Management\EMMA Disclosures.

The County must file the annual financial information and operating data and audited financial statements within 180 days after the end of the County's fiscal year, which ends June 30 (i.e., no later than **December 27th annually**) with the MSRB through the EMMA system. If the County is unable to meet this deadline, it must file a notice specifying such failure with EMMA. A form of such notice is attached hereto as Exhibit A.

The members of the County Financing Disclosure Working Group will meet or participate by conference call upon the direction of the Debt Manager to review the accuracy and completeness of the annual financial information and operating data. The annual financial information and operating data will be submitted to the Controller, Deputy Director and the Director of the Department of Finance and Procurement for final approval prior to filing on EMMA.

Notice of the events listed above must be filed with EMMA within **10 business days** of the occurrence of the event. The County Attorney's Office and Bond Counsel should be immediately notified of the occurrence or suspected occurrence of any such event, in order to determine whether or not the filing of an event notice is required or otherwise desirable. If it is determined that the filing of an event notice is required or otherwise desirable, then the Controller's office will work with Bond Counsel to prepare and file the necessary notice.

Voluntary Disclosure Filings

The Department of Finance and Procurement, with advice from the County Attorney's Office and Bond Counsel, will periodically determine whether changes in the County's financial operations or condition from the prior year, or the occurrence of any event or fact which does not require a notice filing under Rule 15c2-12, would, if disclosed on EMMA, materially change the total mix of information about the County that is available to investors on EMMA. If such changes or events have occurred, then a voluntary disclosure statement disclosing such results, event, or fact will be prepared and reviewed by the County Attorney's Office and Bond Counsel. Such voluntary disclosure statement will be forwarded to the Debt Manager for review and comment. The voluntary disclosure statement will be submitted to the Controller, Deputy Director and the Director of the Department of Finance and Procurement for final approval prior to filing on EMMA.

Website:

The Controllers' office, under the supervision of the Director of Finance and Procurement of the County, will review, or cause to be reviewed, the County's website at least annually, in order to confirm the accuracy and completeness of the County's financial information and operating data. The County officials charged with such review will confirm in writing

(which may be by email) to the County Attorney's Office that such review has been performed. Such review of the website is necessary in order to ensure that (a) material information that is no longer up to date is removed from the website or moved to a clearly labeled archives page; (b) all material financial and operating information is presented as of a specific date with appropriate disclaimers as to the currency of the information; (c) no material forward-looking statements (projections, forecasts, etc.) are included unless they are based on reasonable assumptions and are accompanied by a description of the substantial risks to achieving the forecasted results; and (d) any material information presented is consistent with the knowledge of such persons and not internally inconsistent.

Disclosure Practices Training:

Training for the Board of Supervisors, the County officials comprising the County Financing Disclosure Working Group and the Data Group will be conducted by Bond Counsel. It is intended that this training will assist these individuals in (1) understanding their responsibilities; (2) identifying significant items which may need to be included in the Disclosure Documents; and (3) reporting issues and concerns relating to disclosure. A refresher training program will be conducted no less frequently than annually for the Data Group, any new members of the Board of Supervisors and any new County officials comprising the County Financing Disclosure Working Group and once every three years for carryover Board Members and County Officials comprising the County Financing Disclosure Working Group; provided that such training may occur more frequently if necessary to address any material changes in law or these Disclosure Policies.

Compliance with and Review of Disclosure Policies:

The Controllers' office will be responsible for: (i) maintaining appropriate records of compliance with these Disclosure Policies and (ii) periodically reviewing and updating these Disclosure Policies, with such review occurring no less frequently than annually.

EXHIBIT A

FORM OF NOTICE OF FAILURE TO PROVIDE
ANNUAL FINANCIAL INFORMATION

LOUDOUN COUNTY, VIRGINIA

Name of Bonds/

Base CUSIP Numbers: [545896, 545909, 54589N, 54709R, 54589T]

NOTICE IS HEREBY GIVEN that LOUDOUN COUNTY, VIRGINIA (the "County") is not expected to file its audited financial statements and operating data for the fiscal year ended June 30, 20__ (the "Annual Disclosure Information") within the time period required by the County's continuing disclosure agreements entered into in connection with its outstanding bonds. Such Annual Disclosure Information consists of audited financial statements of the County, prepared in accordance with generally accepted accounting principles, and the operating data with respect to the County of the type described in the subsection of the County's Official Statements entitled "Operating Data." Such Annual Disclosure Information is required to be filed by December 27, 20__, which is 180 days after the County's fiscal year end. The County anticipates that the Annual Disclosure Information will be filed on or before _____, 20__.

Dated: _____, 20__

LOUDOUN COUNTY, VIRGINIA

Summary of Responsibilities for Disclosure Documents and Continuing Disclosure Filings

Preliminary Official Statement/Final Official Statement			
Data Group	County Financing Disclosure Working Group	Department of Finance and Procurement	Bond Counsel
<ul style="list-style-type: none"> Provides updates to economic, demographic and operating (revenue and expenditures) data 	<ul style="list-style-type: none"> Provides analytical review for accuracy against all County financial documents, and changes in County's operating and economic status 	<ul style="list-style-type: none"> Coordinates with County Attorney's Office and Bond Counsel throughout the review process Provides final review and sign off on POS and FOS 	<ul style="list-style-type: none"> Provides advice and counsel throughout the document preparation and review process Coordinates printing and posting of POS and FOS

Credit Presentation			
Data Group	County Financing Disclosure Working Group	Department of Finance and Procurement	Financial Advisors
<ul style="list-style-type: none"> Provides updates to economic, demographic and operating (revenue and expenditures) data 	<ul style="list-style-type: none"> Provides review for accuracy against all County financial documents, and changes in County's operating and economic status 	<ul style="list-style-type: none"> Final review and sign off from Controller, Deputy Director, Director and the County Administrator (if presentation is for the New York or County tour presentation) Provides copies of the final presentation to the Chair of the Board of Supervisors and the Chair of the Finance/Government Operations and Economic Development Committee (if presentation is for the New York or County tour presentation) 	<ul style="list-style-type: none"> Provides additional input as needed Disseminates the final presentation to the bond rating agencies in advance of the presentation

Summary of Responsibilities for Disclosure Documents and Continuing Disclosure Filings

Continuing Disclosure Filings		
County Financing Disclosure Working Group	Department of Finance and Procurement	Bond Counsel and County Attorney's Office
<ul style="list-style-type: none"> • Reviews the accuracy and completeness of the County's annual financial information and operating data 	<ul style="list-style-type: none"> • Ensures compliance with Continuing Disclosure Agreements • Annual filing of County's financial information and operating data • Preparation of the County's audited financial statements (CAFR) and filing on EMMA by December 27 annually • Notify Bond Counsel and County Attorney's Office of occurrence or suspected occurrence of events • Ongoing disclosure of material events as necessary and per the direction or advice of Bond Counsel and the County's Attorney's Office 	<ul style="list-style-type: none"> • Advises the Department of Finance and Procurement of whether or not the filing of an event notice is required or otherwise desirable • Advises the Department of Finance and Procurement if Voluntary Disclosure Filings of events which are NOT required to be filed should be filed. • Prepares voluntary disclosures statements and submits for review to the Department of Finance and Procurement



Loudoun County, Virginia

www.loudoun.gov

Office of the County Administrator

1 Harrison Street, S.E., 5th Floor, P.O. Box 7000, Leesburg, VA 20177-7000

Telephone (703) 777-0200 • Fax (703) 777-0325

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 St., S.E., Leesburg, Virginia, on Wednesday, November 5, 2014 at 4:00 p.m.

IN RE: RESOLUTION DIRECTING ACTIONS IN CONNECTIONS WITH THE SECURITIES AND EXCHANGE COMMISSION'S MUNICIPALITIES CONTINUING DISCLOSURE COOPERATION INITIATIVE

Mr. Buona moved that the Board of Supervisors approve the resolution entitled "RESOLUTION DIRECTING CERTAIN ACTIONS IN CONNECTION WITH THE SECURITIES EXCHANGE COMMISSION'S MUNICIPALITIES CONTINUING DISCLOSURE COOPERATIVE INITIATIVE.

Seconded by Mr. Williams.

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


DEPUTY CLERK FOR THE LOUDOUN
COUNTY BOARD OF SUPERVISORS

(18-RESOLUTION DIRECTING ACTIONS IN CONNECTIONS WITH THE SECURITIES AND EXCHANGE COMMISSION'S MUNICIPALITIES CONTINUING DISCLOSURE COOPERATION INITIATIVE)

**RESOLUTION DIRECTING CERTAIN ACTIONS
IN CONNECTION WITH
THE SECURITIES EXCHANGE COMMISSION'S
MUNICIPALITIES CONTINUING DISCLOSURE COOPERATIVE INITIATIVE**

WHEREAS, the Board of Supervisors (the "**Board**") of Loudoun County, Virginia (the "**County**") has issued multiple series of its general obligation bonds and bonds through the Industrial Development Authority of Loudoun County, Virginia and the Fairfax County Economic Development Authority (collectively, the "**Bonds**"), all of which were subject to the requirements of Rule 15c2-12 promulgated under the Securities Exchange Act of 1934, as amended (the "**Rule**") by the Securities Exchange Commission (the "**SEC**"); and

WHEREAS, pursuant to the Rule, which governs the ability of investment banking firms to purchase and sell bonds issued by public agencies, including the County, the County was obligated pursuant to the terms of continuing disclosure certificates or agreements executed and delivered in connection with each issue of Bonds (generally, "**Continuing Disclosure Undertakings**") to provide annual reports (the "**Annual Reports**") to the municipal marketplace, to provide notices of certain material or significant events following the date of delivery of the related series of Bonds (generally, the "**Required Notices**") and other information, including certain tables and interim budget reports of the County (the "**Other Obligations**," and together with the Annual Reports and the Required Notices, the "**Required Reports**"); and

WHEREAS, the County has determined, based upon reviews currently being conducted by the County and Nixon Peabody LLP, Bond Counsel to the County ("**Bond Counsel**"), that not all of the Required Reports were filed in strict compliance with the respective Continuing Disclosure Undertakings and that such occurrences may not have been properly disclosed in certain of the official statements for the Bonds (the "**Official Statements**") as required by the Rule; and

WHEREAS, on March 10, 2014, the SEC introduced the Municipalities Continuing Disclosure Cooperative Initiative (the "**MCDC Initiative**") to encourage issuers, such as the County, and underwriters of municipal securities to self-report material misstatements in final official statements relating to prior compliance by issuers with their continuing disclosure obligations; and

WHEREAS, under the MCDC Initiative the County has a single opportunity to self-report any possible material misstatements concerning prior compliance with its Required Reports in the Official Statements and to take any additional steps required by the SEC, by completing the SEC's MCDC Initiative questionnaire (the "**MCDC Questionnaire**") a form of which is attached hereto as Exhibit B; and

WHEREAS, it is the understanding of the County that at least one of the underwriters of the Bonds has reported to the SEC one or more instances of a possible material misstatement concerning prior compliance with its Required Reports in the Official Statements; and

WHEREAS, the MCDC Initiative requires the MCDC Questionnaire be filed with the SEC no later than December 1, 2014 (the "Filing Deadline"), and Bond Counsel has recommended that the County file a completed MCDC Questionnaire with the SEC on or before that date;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF LOUDOUN COUNTY, VIRGINIA:

Section 1. Recitals. The above recitals are true and correct.

Section 2. Direction to File Report. The County Administrator or the Director of Management and Financial Services of the County or such other officer of the County as any such authorized officer may designate (each, an "**Authorized County Representative**"), are hereby authorized and directed to cause Bond Counsel to prepare the MCDC Questionnaire and include therein the list of possible misstatements in the Official Statements attached hereto as Exhibit A (the "**Reporting Summary**") regarding the County's compliance with the Required Reports, as well as any additional possible misstatements that may be identified by the County on or prior to the Filing Deadline.

Section 3. Cooperation with SEC. In the event that representatives of the SEC shall respond to the filing of the MCDC Questionnaire, the Authorized County Representatives, in conjunction with Bond Counsel, are directed to participate in conferences and negotiate the terms of any settlement with the SEC. County staff shall, independent of any mandated improvements in County procedures by the SEC, work with Bond Counsel to develop a standard policy and procedures for the future preparation of Required Reports under the Rule and a training program, as may be necessary or advisable, to insure that County staff remains current on the requirements of the Rule.

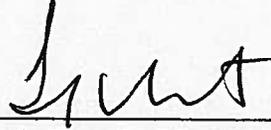
Section 4: Further Authorization. The County Administrator or the Director of Management and Financial Services of the County or any Authorized County Representative, shall be and they are hereby authorized and directed to take such additional actions consistent with the intent of this Resolution in connection with the MCDC Initiative as Bond Counsel may recommend.

Section 5. Effective Date. This Resolution shall take effect from and after its adoption.

The undersigned Clerk of the Board of Supervisors of Loudoun County, Virginia, certifies that the foregoing constitutes a true and correct extract from the minutes of a meeting of the Board of Supervisors held on November 5, 2014, and of the whole thereof so far as applicable to the matters referred to in such extract.

WITNESS my signature and the seal of the Board of Supervisors of Loudoun County, Virginia, this 19 day of November 2014.

(SEAL)



Clerk, Board of Supervisors of
Loudoun County, Virginia

EXHIBIT A

Issuer	Name of Issue	Date of Official Statement	Possible Omitted Disclosure or Misstatement
Loudoun County, Virginia	General Obligation Refunding Bonds, Series 2009A and 2009B	March 20 and May 8, 2009	Possible late filing of Fiscal Year 2006, 2007 Audited Financial Statements and statement that County had not failed to comply in any material respects with previous undertakings
Loudoun County, Virginia	General Obligation Refunding Bonds, Series 2010A	April 8, 2010	Possible late filing of Fiscal Year 2006, 2007 and 2009 Audited Financial Statements and statement that County had not failed to comply in any material respects with previous undertakings
Loudoun County, Virginia	General Obligation Refunding Bonds, Series 2010B-1 and B-2	June 22, 2010	Possible late filing of Fiscal Year 2006, 2007, 2009-2010 Audited Financial Statements and statement that County had not failed to comply in any material respects with previous undertakings



**U.S. SECURITIES AND EXCHANGE COMMISSION
DIVISION OF ENFORCEMENT**

**MUNICIPALITIES CONTINUING DISCLOSURE COOPERATION INITIATIVE
QUESTIONNAIRE FOR SELF-REPORTING ENTITIES**

NOTE: The information being requested in this Questionnaire is subject to the Commission's routine uses. A list of those uses is contained in SEC Form 1662, which also contains other important information.

1. Please provide the official name of the entity that is self-reporting ("Self-Reporting Entity") pursuant to the MCDC Initiative along with contact information for the Self-Reporting Entity:

Individual Contact Name:
 Individual Contact Title:
 Individual Contact telephone:
 Individual Contact Fax number:
 Individual Contact email address:

Full Legal Name of Self-Reporting Entity:
 Mailing Address (number and street):
 Mailing Address (city):
 Mailing Address (state):
 Mailing Address (zip):

2. Please identify the municipal bond offering(s) (including name of Issuer and/or Obligor, date of offering and CUSIP number) with Official Statements that may contain a materially inaccurate certification on compliance regarding prior continuing disclosure obligations (for each additional offering, attach an additional sheet or separate schedule):

State:
 Full Name of Issuing Entity:
 Full Legal Name of Obligor (if any):
 Full Name of Security Issue:
 Initial Principal Amount of Bond Issuance:
 Date of Offering:
 Date of final Official Statement (format MMDDYYYY):
 Nine Character CUSIP number of last maturity:

3. Please describe the role of the Self-Reporting Entity in connection with the municipal bond offerings identified in Item 2 above (select Issuer, Obligor or Underwriter):
 - Issuer
 - Obligor
 - Underwriter

4. Please identify the lead underwriter, municipal advisor, bond counsel, underwriter's counsel and disclosure counsel, if any, and the primary contact person at each entity, for each offering identified in Item 2 above (attach additional sheets if necessary):

Senior Managing Underwriting Firm:
Primary Individual Contact at Underwriter:

Financial Advisor:
Primary Individual Contact at Financial Advisor:

Bond Counsel Firm:
Primary Individual Contact at Bond Counsel:

Law Firm Serving as Underwriter's Counsel:
Primary Individual Contact at Underwriter's Counsel:

Law Firm Serving as Disclosure Counsel:
Primary Individual Contact at Disclosure Counsel:

5. Please include any facts that the Self-Reporting Entity would like to provide to assist the staff of the Division of Enforcement in understanding the circumstances that may have led to the potentially inaccurate statements (attach additional sheets if necessary):

On behalf of _____

I hereby certify that the Self-Reporting Entity intends to consent to the applicable settlement terms under the MCDC Initiative.

By: _____

Name of Duly Authorized Signer:

Title:

Date of Meeting: November 5, 2014

#18

**BOARD OF SUPERVISORS
ACTION ITEM**

SUBJECT: **Resolution Directing Actions in Connection with the Securities and Exchange Commission's Municipalities Continuing Disclosure Cooperative Initiative**

ELECTION DISTRICT: Countywide

CRITICAL ACTION DATE: December 1, 2014

STAFF CONTACTS: Ben Mays, CFO
Martina Williams, Debt Manager
Janet Romanchyk, Controller

PURPOSE: To authorize staff to comply with the Securities and Exchange Commission's Municipalities Continuing Disclosure Cooperative Initiative of self-reporting any possible non-compliance of previous continuing disclosure obligations by the December 1, 2014 deadline.

RECOMMENDATIONS: Staff recommends the Board of Supervisors approve the resolution authorizing staff to self-report any possible non-compliance related to prior continuing disclosure obligations as part of the U.S. Securities and Exchange Commission's Municipalities Continuing Disclosure Cooperative Initiative.

BACKGROUND: On March 10, 2014, the U.S. Securities and Exchange Commission (SEC) introduced the Municipalities Continuing Disclosure Cooperation Initiative (MCDC Initiative). The initiative encourages issuers and underwriters of municipal securities to self-report any material misstatements made in official statements relating to outstanding bond issues (the Official Statements) with respect to the issuer's prior compliance with its continuing disclosure obligations specified in Rule 15c2-12 under the Securities Exchange Act of 1934 (Rule 15c2-12).

Rule 15c2-12 requires Official Statements to contain, among other things, a description of any instances in the previous five years in which the issuer failed to comply, in all material respects, with any previous undertaking to provide such continuing disclosure. Additionally, Rule 15c2-12 prohibits underwriters from purchasing or selling municipal securities unless the underwriter has reasonably determined that the issuer has undertaken to provide continuing disclosure for that security.

While Rule 15c2-12 applies only to underwriters, the SEC will construe false statements by issuers in Official Statements regarding compliance with continuing disclosure obligations as securities law violations under Section 17(a) of the Securities Act of 1933 and/or Section 10(b) of the Securities Exchange Act. Due to the typical five-year statute of limitations for securities law violations, the MCDC Initiative covers bond transactions dating back to September 2009.

However, since final official statements must disclose compliance failures for the five years prior, the scope of the initiative actually looks back to 2004.

ISSUES: The MCDC Initiative provides a one-time opportunity for issuers and underwriters to address material misstatements in Official Statements regarding compliance with continuing disclosure obligations. The SEC deadline for underwriters to self-report was September 10, 2014. The deadline for issuers was extended to December 1, 2014 in response to concerns raised by many industry groups such as the Government Finance Officers Association and the National Association of Bond Lawyers. These concerns center on questions of interpretation regarding the meaning of materiality in the context of the MCDC Initiative and difficulties researching prior disclosures.

Our Bond Counsel, Nixon Peabody, as well as County staff, have been conducting a comprehensive review of prior official statements and continuing disclosure filings for the required 10 year period. When considering whether to self-report, continuing disclosure undertakings, actual filing history and prior official statements must be reviewed to determine whether the official statements contain any misstatement, and if so, whether such misstatement is material within the meaning of the general antifraud provisions of the federal securities law.

Exhibit A of Attachment 1 is a list of possible misstatements in the County's Official Statements that have been identified to date. It is staff's understanding that at least one underwriter has self-reported to the SEC one or more instances of material misstatements concerning the County's prior compliance with disclosures. Bond Counsel has recommended staff request authority from the Board to self-report any possible non-compliance related to prior continuing disclosure obligations as part of the U.S. Securities and Exchange Commission's MCDC Initiative. Staff is not currently aware of any other substantive issues with official statements.

FISCAL IMPACT: The SEC may file enforcement actions, under Section 17(a) of the Securities Act, and/or Section 10(b) of the Securities Exchange Act against issuers for inaccurately stating in Official Statements that they have complied with their prior continuing disclosure obligations. For eligible issuers who participate in the MCDC Initiative, the SEC's Enforcement Division will recommend that the SEC accept a settlement pursuant to which the issuer consents to the institution of a cease and desist proceeding for a negligent violation of the federal antifraud laws. The Enforcement Division will also recommend a settlement in which the issuer neither admits nor denies the findings of the SEC. The settlement to be recommended by the Enforcement Division must contain certain undertakings by the issuer, including establishing appropriate policies, procedures and training regarding continuing disclosure obligations and cooperating with any subsequent SEC investigation. As part of the settlement, the Enforcement Division will recommend that there is no monetary fine for the issuer.

DRAFT MOTION(S):

1. I move that the Board of Supervisors approve the resolution entitled "RESOLUTION DIRECTING CERTAIN ACTIONS IN CONNECTION WITH THE SECURITIES EXCHANGE COMMISSION'S MUNICIPALITIES CONTINUING DISCLOSURE COOPERATIVE INITIATIVE.

OR

2. I move an alternate motion.

ATTACHMENTS:

1. RESOLUTION DIRECTING CERTAIN ACTIONS IN CONNECTION WITH THE SECURITIES EXCHANGE COMMISSION'S MUNICIPALITIES CONTINUING DISCLOSURE COOPERATIVE INITIATIVE
 - EXHIBIT A – List of possible Omitted Disclosure or Misstatements
 - EXHIBIT B – Municipalities Continuing Disclosure Cooperation Initiative Questionnaire for Self-Reporting Entities

**RESOLUTION DIRECTING CERTAIN ACTIONS
IN CONNECTION WITH
THE SECURITIES EXCHANGE COMMISSION'S
MUNICIPALITIES CONTINUING DISCLOSURE COOPERATIVE INITIATIVE**

WHEREAS, the Board of Supervisors (the “**Board**”) of Loudoun County, Virginia (the “**County**”) has issued multiple series of its general obligation bonds and bonds through the Industrial Development Authority of Loudoun County, Virginia and the Fairfax County Economic Development Authority (collectively, the “**Bonds**”), all of which were subject to the requirements of Rule 15c2-12 promulgated under the Securities Exchange Act of 1934, as amended (the “**Rule**”) by the Securities Exchange Commission (the “**SEC**”); and

WHEREAS, pursuant to the Rule, which governs the ability of investment banking firms to purchase and sell bonds issued by public agencies, including the County, the County was obligated pursuant to the terms of continuing disclosure certificates or agreements executed and delivered in connection with each issue of Bonds (generally, “**Continuing Disclosure Undertakings**”) to provide annual reports (the “**Annual Reports**”) to the municipal marketplace, to provide notices of certain material or significant events following the date of delivery of the related series of Bonds (generally, the “**Required Notices**”) and other information, including certain tables and interim budget reports of the County (the “**Other Obligations**,” and together with the Annual Reports and the Required Notices, the “**Required Reports**”); and

WHEREAS, the County has determined, based upon reviews currently being conducted by the County and Nixon Peabody LLP, Bond Counsel to the County (“**Bond Counsel**”), that not all of the Required Reports were filed in strict compliance with the respective Continuing Disclosure Undertakings and that such occurrences may not have been properly disclosed in certain of the official statements for the Bonds (the “**Official Statements**”) as required by the Rule; and

WHEREAS, on March 10, 2014, the SEC introduced the Municipalities Continuing Disclosure Cooperative Initiative (the “**MCDC Initiative**”) to encourage issuers, such as the County, and underwriters of municipal securities to self-report material misstatements in final official statements relating to prior compliance by issuers with their continuing disclosure obligations; and

WHEREAS, under the MCDC Initiative the County has a single opportunity to self-report any possible material misstatements concerning prior compliance with its Required Reports in the Official Statements and to take any additional steps required by the SEC, by completing the SEC’s MCDC Initiative questionnaire (the “**MCDC Questionnaire**”) a form of which is attached hereto as Exhibit B; and

WHEREAS, it is the understanding of the County that at least one of the underwriters of the Bonds has reported to the SEC one or more instances of a possible material misstatement concerning prior compliance with its Required Reports in the Official Statements; and

WHEREAS, the MCDC Initiative requires the MCDC Questionnaire be filed with the SEC no later than December 1, 2014 (the “Filing Deadline”), and Bond Counsel has recommended that the County file a completed MCDC Questionnaire with the SEC on or before that date;

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF LOUDOUN COUNTY, VIRGINIA:

Section 1. Recitals. The above recitals are true and correct.

Section 2. Direction to File Report. The County Administrator or the Director of Management and Financial Services of the County or such other officer of the County as any such authorized officer may designate (each, an “**Authorized County Representative**”), are hereby authorized and directed to cause Bond Counsel to prepare the MCDC Questionnaire and include therein the list of possible misstatements in the Official Statements attached hereto as Exhibit A (the “**Reporting Summary**”) regarding the County’s compliance with the Required Reports, as well as any additional possible misstatements that may be identified by the County on or prior to the Filing Deadline.

Section 3. Cooperation with SEC. In the event that representatives of the SEC shall respond to the filing of the MCDC Questionnaire, the Authorized County Representatives, in conjunction with Bond Counsel, are directed to participate in conferences and negotiate the terms of any settlement with the SEC. County staff shall, independent of any mandated improvements in County procedures by the SEC, work with Bond Counsel to develop a standard policy and procedures for the future preparation of Required Reports under the Rule and a training program, as may be necessary or advisable, to insure that County staff remains current on the requirements of the Rule.

Section 4: Further Authorization. The County Administrator or the Director of Management and Financial Services of the County or any Authorized County Representative, shall be and they are hereby authorized and directed to take such additional actions consistent with the intent of this Resolution in connection with the MCDC Initiative as Bond Counsel may recommend.

Section 5. Effective Date. This Resolution shall take effect from and after its adoption.

The undersigned Clerk of the Board of Supervisors of Loudoun County, Virginia, certifies that the foregoing constitutes a true and correct extract from the minutes of a meeting of the Board of Supervisors held on November __, 2014, and of the whole thereof so far as applicable to the matters referred to in such extract.

WITNESS my signature and the seal of the Board of Supervisors of Loudoun County, Virginia, this ___ day of _____ 2014.

(SEAL)

Clerk, Board of Supervisors of
Loudoun County, Virginia

EXHIBIT A

Issuer	Name of Issue	Date of Official Statement	Possible Omitted Disclosure or Misstatement
Loudoun County, Virginia	General Obligation Refunding Bonds, Series 2009A and 2009B	March 20 and May 8, 2009	Possible late filing of Fiscal Year 2006, 2007 Audited Financial Statements and statement that County had not failed to comply in any material respects with previous undertakings
Loudoun County, Virginia	General Obligation Refunding Bonds, Series 2010A	April 8, 2010	Possible late filing of Fiscal Year 2006, 2007 and 2009 Audited Financial Statements and statement that County had not failed to comply in any material respects with previous undertakings
Loudoun County, Virginia	General Obligation Refunding Bonds, Series 2010B-1 and B-2	June 22, 2010	Possible late filing of Fiscal Year 2006, 2007, 2009-2010 Audited Financial Statements and statement that County had not failed to comply in any material respects with previous undertakings



**U.S. SECURITIES AND EXCHANGE COMMISSION
DIVISION OF ENFORCEMENT**

**MUNICIPALITIES CONTINUING DISCLOSURE COOPERATION INITIATIVE
QUESTIONNAIRE FOR SELF-REPORTING ENTITIES**

NOTE: The information being requested in this Questionnaire is subject to the Commission's routine uses. A list of those uses is contained in [SEC Form 1662](#), which also contains other important information.

1. Please provide the official name of the entity that is self-reporting ("Self-Reporting Entity") pursuant to the MCDC Initiative along with contact information for the Self-Reporting Entity:
 - Individual Contact Name:
 - Individual Contact Title:
 - Individual Contact telephone:
 - Individual Contact Fax number:
 - Individual Contact email address:

 - Full Legal Name of Self-Reporting Entity:
 - Mailing Address (number and street):
 - Mailing Address (city):
 - Mailing Address (state):
 - Mailing Address (zip):

2. Please identify the municipal bond offering(s) (including name of Issuer and/or Obligor, date of offering and CUSIP number) with Official Statements that may contain a materially inaccurate certification on compliance regarding prior continuing disclosure obligations (for each additional offering, attach an additional sheet or separate schedule):
 - State:
 - Full Name of Issuing Entity:
 - Full Legal Name of Obligor (if any):
 - Full Name of Security Issue:
 - Initial Principal Amount of Bond Issuance:
 - Date of Offering:
 - Date of final Official Statement (format MMDDYYYY):
 - Nine Character CUSIP number of last maturity:

3. Please describe the role of the Self-Reporting Entity in connection with the municipal bond offerings identified in Item 2 above (select Issuer, Obligor or Underwriter):
- Issuer
 - Obligor
 - Underwriter

4. Please identify the lead underwriter, municipal advisor, bond counsel, underwriter's counsel and disclosure counsel, if any, and the primary contact person at each entity, for each offering identified in Item 2 above (attach additional sheets if necessary):

Senior Managing Underwriting Firm:
Primary Individual Contact at Underwriter:

Financial Advisor:
Primary Individual Contact at Financial Advisor:

Bond Counsel Firm:
Primary Individual Contact at Bond Counsel:

Law Firm Serving as Underwriter's Counsel:
Primary Individual Contact at Underwriter's Counsel:

Law Firm Serving as Disclosure Counsel:
Primary Individual Contact at Disclosure Counsel:

5. Please include any facts that the Self-Reporting Entity would like to provide to assist the staff of the Division of Enforcement in understanding the circumstances that may have led to the potentially inaccurate statements (attach additional sheets if necessary):

On behalf of _____

I hereby certify that the Self-Reporting Entity intends to consent to the applicable settlement terms under the MCDC Initiative.

By: _____

Name of Duly Authorized Signer:

Title:

Date of Meeting: April 12, 2016

#16

**BOARD OF SUPERVISORS
FINANCE/GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: **Advancement of Projects Included in Fall General Obligation Referenda**

ELECTION DISTRICT: Countywide

STAFF CONTACTS: John Sandy, County Administration
Penny Newquist, Finance and Procurement
Janet Romanchyk, Finance and Procurement
Nicole Bradley, Finance and Procurement

PURPOSE: The purpose of this item is to provide the Board of Supervisors (Board) with background information on the timing of referendum questions and to recommend that general obligation (GO) financed projects advance to referendum to receive voter approval prior to receiving their appropriation.

RECOMMENDATIONS: **Staff** recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend that the Board of Supervisors direct staff to advance the timeline for forwarding any proposed GO bond financed projects as part of the adopted Capital Improvement Program (CIP) to voter referendum. These projects would be targeted for voter referendum during the fiscal year prior to the fiscal year of the Board’s appropriation for the each project as part of the Adopted CIP.

BACKGROUND: During the budget process each year, the Board of Supervisors considers and approves various capital improvement projects which require the issuance of debt, local tax funding and/or other sources of financing. Within this funding plan, there are several general government and school capital projects of which the Board desires to use general obligation (GO) bond proceeds to finance over the course of each project. GO bonds are typically sold to finance government improvements benefiting the community as a whole.

GO bonds are secured by the full faith and credit and taxing authority of the County, and require a voter referendum to authorize the issuance of general obligation debt. Virginia Code §15.2-2610 governs the request for, and ordering of, a referendum to gain voter approval to sell general obligation bonds through a special election. Bonds authorized by a referendum may not be issued by a locality more than eight (8) years after the date of the referendum; however, this eight-year period may, at the request of the governing body of the locality, be extended by two additional years for up to ten years after the date of the referendum by order of the circuit court for the locality.

Most recently, the Board made a request to the circuit court for the extension of the County's 2007 referendum during its November 4, 2015 Board meeting to finance renovations to the Sterling Community Center, the Philomont Community Center and for school land purchases including one elementary school and one high school.

Prior to 2013, the County's referendum questions typically identified the specific projects for which approval was sought (and in some cases the specific amount for each project), without allowing for any flexibility in the use of GO bond proceeds for other similar type projects. At its July 3, 2013 meeting, the Board first approved referendum questions that added language to allow for a degree of flexibility in the use of general obligation bond proceeds for like projects.

Although specific projects are still identified, the new question format avoids the need for new referenda or borrowings due to unforeseen changes in the cost or description of projects, as well as allows the County to use excess bond proceeds towards like projects (i.e. other public safety facilities, other public school facilities). The flexibility in the referendum questions allows the Board to direct funds originally planned for renovation of a community center to go towards new construction, or allow funds from cost savings from building one school to be used towards improvements at another public school approved at referendum.

ISSUES: Current practice is to bring forward newly adopted projects proposed to be funded by GO bonds to referendum in November of that calendar year. For example, the FY 2017 CIP projects slated for GO financing and adopted in April 2016, would appear on the November 2016 referendum ballot. However, with the adoption of any CIP, the appropriation for these projects occurs on July 1st which allows spending to begin immediately.

The item recommends that capital improvement projects advance to referendum prior to their fiscal year of appropriation, or one fiscal year earlier. This change of practice would mean that FY 2018 projects formerly planned in the Adopted CIP (April 2016) for referendum in November 2017 would move to referendum in November 2016 with the FY 2017 projects. Attachment 1 lists the projects by fiscal year. The appropriation for the FY 2018 projects would begin in July 2017.

FY 2018 Projects proposed for November 2016 Referendum are as follows:

Hal & Berni Hanson Regional Park	\$31,845,000
Aldie Fire & Rescue Station Replacement	4,000,000
HS-9 Dulles South Area	<u>117,160,000</u>
Total FY 2018 Projects (2016 Referendum)	\$153,005,000

By gaining voter approval prior to the appropriation, the use of GO funding will be pre-approved, and in the event a project does not receive voter approval, sufficient time will be available to consider alternate funding sources. This change of practice does not impact the use of lease revenue bonds which does not require voter approval. Lease revenue bonds are subject to an appropriation pledge by the County; they are not secured by the full faith and credit and taxing authority of the County.

During staff review, a few questions were raised in determining the impact of advancing the GO funded projects to referendum prior to appropriation:

1. **How will an increase in project costs be funded?** As noted above, if a County or School project is delayed and thereby escalates the cost; or if it is experiencing unexpected cost overruns, the County may use excess bond proceeds, or authorized but unissued debt capacity, if available and allowable. Attachment 2 provides a detailed analysis of the County's authorized and unissued referendum authority. Each project approved by referendum is included along with the amounts previously issued. The remaining balance represents the unissued referenda authority. It should be noted that most referenda questions prior to FY 2013 were project specific; and therefore the remaining referenda authority is not available to be used for other purposes.

Other alternate funding sources such as bond premium, lease revenue bonds, proffers, local tax funding, Virginia Public School Authority (VPSA) bonds (for school projects) or other financing vehicles may be evaluated. This situation also occurs under our current practice.

2. **If a referendum question fails, what options are available to fund projects?** School projects may be sold through VPSA with some limitations. Any project that is the subject of a failed referendum which has not been reversed by a subsequent successful referendum, may be eligible for consideration. This may happen only if both the County's governing body and School Board have approved resolutions stating that the project(s) are essential and that **one** of the following has occurred:

- a) the resolutions have been unanimously approved by both the County and School Board, or
- b) at least two years have passed since the referendum, or
- c) The Virginia Department of Education has determined that an emergency exists for the project(s).

In addition, other financing vehicles may be available for both County and School projects that have failed at referendum including lease revenue bonds. Investors may demand higher interest rates, or a one-notch reduction in the County's bond rating in this circumstance (e.g. one-notch off the County's typical AA+ rating for its lease revenue bonds would be an Aa rating). Again, this situation exists regardless of the timing of the referendum. However, advancing the date of the referendum provides additional time for the County to consider alternatives should a referendum question fail.

3) **How will unanticipated additions to the CIP be handled?**

Should a new project be appropriated prior to a referendum, that project may be added to the fall referendum question, or funded using another financing vehicle such as lease revenue bonds or VPSA funding for schools. Another alternatives would be the use of local tax funding, proffers or another non-debt source of funding for the project until it passes referendum as an exception to the County's fiscal policy, which requires restricted funds such as bond proceeds to be spent first.

4) **How will the size of the referendum be communicated?**

There may be concern that by consolidating two years of general obligation backed debt the amount to be approved by the voters is greater than the average total amount from prior referenda. Staff is aware of this concern and will be working with Public Affairs and Communication on an plan that addresses this change of practice.

FISCAL IMPACT: None.

DRAFT MOTIONS:

I move the Board of Supervisor direct staff to advance the timeline for seeking referendum approval for projects in the adopted Capital Improvements Program (CIP), which are anticipated to be financed through general obligation bonds, by including such projects in the County's annual referendum request in the year before funding appropriation for the project is scheduled for appropriation in the CIP.

OR

I move an alternative motion.

ATTACHMENTS:

Attachment 1. Projects Recommended for Fall 2016 Referendum

Attachment 2. Authorized Unissued Debt Analysis

PROJECTS RECOMMENDED FOR FALL 2016 REFERENDUM

ATTACHMENT 1

FY 2017 PROJECTS	Adopted CIP	Referenda Amount
Parks & Recreation and Library Services Projects		
Ashburn Rec & Community Ctr	44,270,000	<u>44,270,000</u>
Public Safety Projects		
Station 20 Leesburg VFD Expansion	4,000,000	
Lovettsville Fire Station Replacement	<u>13,500,000</u>	<u>17,500,000</u>
Transportation Projects		
Shelhorn Rd	8,000,000	
Braddock/Supreme/Summerall	2,000,000	
Rt. 7/Route 690 Interchange	<u>8,000,000</u>	<u>18,000,000</u>
Schools		
ES-28 Dulles South	38,770,000	
ES Three Classroom Additions-Dulles	16,320,000	
MS-7 Dulles South Area	<u>60,820,000</u>	<u>115,910,000</u>
	FY 2017 Total	<u>195,680,000</u>

FY 2018 PROJECTS	Adopted CIP	Referenda Amount
Parks & Recreation and Library Services Projects		
Hal & Berni Hanson Regional Park	31,845,000	<u>31,845,000</u>
Public Safety Projects		
Aldie Fire Rescue Station Repl	4,000,000	<u>4,000,000</u>
Schools		
HS-9 Dulles South Area	117,160,000	<u>117,160,000</u>
	FY 2018 Total	<u>153,005,000</u>
	Grand Total	<u>348,685,000</u>

Grand Total by Function

Parks & Recreation and Library Services Projects	76,115,000
Public Safety Projects	21,500,000
Transportation Projects	18,000,000
Schools	<u>233,070,000</u>
	<u>348,685,000</u>

**ANALYSIS OF PROJECTS APPROVED AT REFERENDA
WITH OUTSTANDING BONDS TO BE ISSUED**

PROJECT	REFERENDUM AMOUNT APPROVED	AMOUNT PREVIOUSLY ISSUED	AMOUNT AUTHORIZED AND UNISSUED
2007 Referendum			
Renovation of five existing community centers (Extended)	13,510,000	8,700,000	4,810,000
Design, construct and equip Western Loudoun Sheriff Substation (Expired)	8,330,000	6,935,000	1,395,000
Purchase Land including water and sewer for two elementary schools and one high school (Extended)	15,475,000	8,000,000	7,475,000
SUBTOTAL 2007	\$37,315,000	\$23,635,000	\$13,680,000
2008 Referendum			
Cost to design, construct and equip Route 9 and 671 Area Fire & Rescue Station	8,585,000	5,285,000	3,300,000
Cost to design, construct and equip Ashburn/Dulles ES-20	21,810,000	20,810,000	1,000,000
Cost to design, construct and equip Dulles Area HS-7	82,235,000	65,825,000	16,410,000
SUBTOTAL 2008	\$112,630,000	\$91,920,000	\$20,710,000
2010 Referendum			
Cost to design, construct and equip Leesburg Area ES-15	27,820,000	22,229,763	5,590,237
SUBTOTAL 2010	\$27,820,000	\$22,229,763	\$5,590,237
2011 Referendum			
Cost to acquire fire and rescue capital apparatus	3,000,000	2,693,475	306,525
Cost to design, construct and equip Moorefield Station ES-16; Ashburn Area ES-22; Ashburn Area MS-6; Ashburn Area HS-8; and Park View High School Renovation	169,620,000	133,169,000	36,451,000
SUBTOTAL 2011	\$172,620,000	\$135,862,475	\$36,757,525
2012 Referendum			
Cost to acquire and equip fire and rescue capital apparatus	\$2,750,000	\$2,537,762	212,238
Loudoun Valley Estates II High School HS-6	\$81,215,000	\$69,815,000	11,400,000
Dulles South Elementary School ES-21	\$28,820,000	\$27,000,000	1,820,000
Loudoun Valley High School Renovation	\$26,115,000	\$21,235,000	4,880,000
SUBTOTAL 2012	\$138,900,000	\$120,587,762	\$18,312,238
2013 Referendum			
Upgrade irrigation systems of athletic fields; costs of the Dulles South Multi-Purpose Center, Lovettsville District Park and other public park facilities	\$34,255,000	\$8,020,000	26,235,000
Improvements of Belmont Ridge Road and other public roads	\$3,180,000	\$0	3,180,000
Acquire and equip fire and rescue capital apparatus; costs of a new Lucketts Fire Station and other public safety facilities	\$14,175,000	\$880,000	13,295,000
Costs of Mercer MS addition; Freedom High School addition; upgrades to Loudoun County High School stadium; and other public school facilities	\$10,755,000	\$9,325,000	1,430,000
SUBTOTAL 2013	\$62,365,000	\$18,225,000	\$44,140,000

**ANALYSIS OF PROJECTS APPROVED AT REFERENDA
WITH OUTSTANDING BONDS TO BE ISSUED**

PROJECT	REFERENDUM AMOUNT APPROVED	AMOUNT PREVIOUSLY ISSUED	AMOUNT AUTHORIZED AND UNISSUED
2014 Referendum			
Design and construct an animal shelter, acquire fire and rescue apparatus, acquire land for Sterling Park Rescue Squad & Sterling Volunteer FD Replacement Station; and design, construct & equip Sterling Volunteer FD Replacement Station and other public safety facilities	\$34,690,000	\$4,010,000	30,680,000
Relocate, renovate, expand and equip Sterling Library; renovate and equip Sterling Community Center; and other public park, recreational and library facilities	\$10,935,000	\$4,850,000	6,085,000
Design, construct and equip ES-27 & MS-9 , Dulles North; Advanced Technology Academy and other public school facilities	\$162,900,000	\$25,000,000	137,900,000
SUBTOTAL 2014	\$208,525,000	\$33,860,000	\$174,665,000
2015 Referendum			
Design, construct and equip ES-31 & HS-11, Dulles North and other public school projects	\$150,995,000	\$0	150,995,000
Acquire fire and rescue apparatus and other public safety projects	\$2,940,000	\$0	2,940,000
SUBTOTAL 2015	\$153,935,000	\$0	\$153,935,000
TOTAL REFERENDUM OUTSTANDING	\$914,110,000	\$446,320,000	\$467,790,000

Prepared 3/31/16; Department of Finance and Procurement

Date of Meeting: April 12, 2016

#17

**BOARD OF SUPERVISORS
FINANCE/ GOVERNMENT OPERATIONS AND
ECONOMIC DEVELOPMENT COMMITTEE
ACTION ITEM**

SUBJECT: Resolutions Authorizing the Issuance and Sale of General Obligation Public Improvement Bonds, Lease Revenue Bonds and Refunding Bonds

ELECTION DISTRICT: Countywide

CRITICAL ACTION DATE: April 12, 2016

STAFF CONTACTS: John Sandy, County Administration
Penny Newquist, Finance & Procurement
Janet Romanchyk, Finance & Procurement
Nicole Bradley, Finance & Procurement

PURPOSE: To authorize the issuance and sale of general obligation and refunding bonds, in an amount not to exceed \$180,455,000, and the issuance of lease revenue and refunding bonds through the Economic Development Authority in an amount not to exceed \$48,050,000 for capital projects in the Capital Improvement Program..

RECOMMENDATION: Staff recommends that the Finance/Government Operations and Economic Development Committee (FGOEDC) recommend that the Board of Supervisors adopt an Authorizing Resolution for the issuance of not more than \$180,455,000 of general obligation bonds including \$94,205,000 in new money and refunding up to \$86,250,000 in previously issued general obligation bonds as shown in Attachment 1; and the Authorizing Resolution for the issuance of not more than \$48,050,000 in lease revenue bonds including \$14,500,000 in new money and refunding up to \$33,550,000 in previously issued Virginia Resource Authority bonds through the Economic Development Authority as presented in Attachment 2.

General obligation bonds totaling \$94,205,000 is anticipated to be issued to fund, in whole or in part, the design, construction, and equipping of Moorefield Station Elementary School (ES-16), Cardinal Ridge Elementary School (ES-21), Trailside Middle School (MS-6), Riverside High School (HS-8), Loudoun Valley High School Renovations, Freedom High School Additions, Loudoun County High School Stadium Upgrades, Madison Trust Elementary School (ES-27), Brambleton Middle School (MS-9), Dulles North Area High School (HS-11), Academies of Loudoun, Dulles North Area Elementary School (ES-31), Belmont Ridge Road Improvements, Sterling Community Center Renovations, Lucketts Fire Station Replacement, Dulles Multipurpose Center Phase 2, and Fire and Rescue Apparatus.

Lease revenue bonds totaling \$14,500,000 is anticipated to be issued to fund, in whole or in part, the acquisition, design, construction, and equipping of the General Government Office Space property acquisition located at 101 Blue Seal Drive, Leesburg, Virginia, Courts Complex Phase 3, Youth Shelter Renovation, Round Hill Group Residence, and the Route 772 Metro Station Stormwater Management Facility.

BACKGROUND: The Board of Supervisors has appropriated funding and financing for the design, construction and equipping of the aforementioned projects in several adopted Capital Improvement Programs. The issuance of the bonds is necessary to reimburse the County for project expenses that have occurred and/or to provide funding for future anticipated project expenditures. The projects and associated dollar amounts included in this bond issuance are recommended based on the Schedule of Major Financings (Attachment 4) included in the FY 2016 Adopted Debt Service Fund and the cash flow needs of the projects.

The Department of Finance and Procurement works with the Department of Transportation and Capital Infrastructure, as well as the School Division to determine the status of the projects in the debt issuance schedule and the amount of cash flow needed. Attachment 3 provides financing details for each project, including: the year the Board of Supervisors appropriated the project; the year and amount of the bond referendum approved by voters, if applicable; any prior bonds issued and their series number; the remaining amount of authorized unissued bonds; and the amount of bonds to be sold this spring for each project.

The Board of Supervisors also has the opportunity to refund a series of general obligation bonds in the amount of \$86,250,000 issued in 2007 and 2009 (Series 2007B and Series 2009A), as well as a series of bonds issued in 2008 through the Virginia Resource Authority in the amount of \$33,550,000 (2008 VRA) which will yield debt service savings to the County estimated at \$8,200,000 over the next thirteen years. The Series 2007B and Series 2009A bonds were issued to finance public schools, land acquisition for schools, fire and rescue stations, transportation projects, libraries, parks and community centers. Remaining bond proceeds from Series 2007B and Series 2009A in the amount of \$12,391,563 will be used to defease the debt and reduce the principal amount needed to refund these two series. The 2008 VRA bonds were issued to finance the expansion and renovation of the Adult Detention Center.

ISSUES: In consultation with the County's Financial Advisors—Davenport, LLC, the Department of Finance and Procurement staff has tentatively scheduled these bond sales for mid-May with closing to follow in early June. In order to meet this schedule, staff requests the Committee's recommendation be forwarded to the April 21, 2016 Board of Supervisor's Business Meeting. The draft bond sale documents referenced in the attached resolutions will be available for review and public inspection in the Department of Finance and Procurement by the April 21, 2016 BOS Business Meeting. On April 25, 2016, staff will also present the lease revenue materials to the Loudoun County Economic Development Authority.

FISCAL IMPACT: For some of the projects listed in the tables in Attachment 3, the Board has appropriated funding for fixtures, furniture and equipment (FF&E) in addition to funding for construction. Other projects require funding solely for construction. Per the Board’s Fiscal Policy, the County will repay the debt of financed equipment within a period not to exceed the expected useful life of the project or equipment. Debt related to equipment ancillary to a construction project may be amortized over a period less than that of the primary project. As such, it is customary for the County to amortize equipment within seven years and construction in 20 years. The Route 772 Stormwater Maintenance Facility project is proposed to be financed over seven years. Due to the nature of the project, this asset would not be financed over 20 years. On December 2, 2015, the Board appropriated \$1.5 million of bond premium for the Riverside High School project, at the request of the Loudoun County School Board, to address additional costs associated with the completion of the project. Of the premium expected to be received from the general obligation bond issuance, \$1.5 million will be applied to this project.

Table 2. Projected Debt Service by Construction and Equipment

	Construction	Equipment	Total
Principal	\$ 93,860,000	\$ 14,845,000	\$ 108,705,000
Interest	49,271,500	2,969,500	52,241,000
			\$ 160,946,000

Assuming that \$93,860,000 of bonds are issued with a 20-year, level principal repayment schedule at a true interest cost of 5% the estimated interest charge or costs to repay the bonds would be \$49,271,500. Assuming that \$14,845,000 of bonds for equipment are issued with a 7-year, level principal repayment schedule at a true interest cost of 5%, the estimated interest charge or costs to repay the bonds would be \$2,969,500. The estimated total debt service for these bond issuances is \$160,946,000.

In the current market, the refunding is estimated to save the County \$8,200,000 over the next thirteen years, which will result in a minimum of 3% of net present value savings. It is in the County’s best interest to issue and sell bonds in an amount not to exceed \$86,250,000 to refund a portion of the County’s outstanding 2007B and 2009A general obligation bonds, and \$33,550,000 to refund a portion of the County’s outstanding 2008 Virginia Resource Authority Bonds.

ALTERNATIVES: The Board may choose to not debt finance these projects at this time.

DRAFT MOTIONS:

1. I move that the Finance/Government Operations and Economic Development Committee recommend the Board of Supervisors approve the resolution entitled “RESOLUTION AUTHORIZING THE ISSUANCE AND SALE OF GENERAL OBLIGATION PUBLIC IMPROVEMENT BONDS OF LOUDOUN COUNTY, VIRGINIA, IN THE MAXIMUM AGGREGATE AMOUNT OF \$180,455,000 AND PROVIDING FOR THE FORM, DETAILS AND PAYMENT THEREOF” as shown in Attachment 1 and recommend approval of the resolution entitled "RESOLUTION OF THE BOARD OF SUPERVISORS OF LOUDOUN COUNTY, VIRGINIA APPROVING A PLAN OF FINANCING WITH THE ECONOMIC DEVELOPMENT AUTHORITY OF LOUDOUN COUNTY, VIRGINIA, FOR THE ACQUISITION, DESIGN, CONSTRUCTION AND EQUIPPING OF LOUDOUN COUNTY FACILITIES” as shown in Attachment 2.

OR

2. I move an alternate motion.

ATTACHMENTS:

1. RESOLUTION AUTHORIZING THE ISSUANCE AND SALE OF GENERAL OBLIGATION PUBLIC IMPROVEMENT BONDS OF LOUDOUN COUNTY, VIRGINIA, IN THE MAXIMUM AGGREGATE AMOUNT OF \$180,455,000 AND PROVIDING FOR THE FORM, DETAILS AND PAYMENT THEREOF
2. RESOLUTION OF THE BOARD OF SUPERVISORS OF LOUDOUN COUNTY, VIRGINIA APPROVING A PLAN OF FINANCING WITH THE ECONOMIC DEVELOPMENT AUTHORITY OF LOUDOUN COUNTY, VIRGINIA, FOR THE ACQUISITION, DESIGN, CONSTRUCTION AND EQUIPPING OF LOUDOUN COUNTY FACILITIES
3. Projects Financed with General Obligation Bonds and Lease Revenue Bonds
4. Schedule of Major Financings (FY 2016 Adopted Budget)

RESOLUTION AUTHORIZING THE ISSUANCE AND SALE OF GENERAL OBLIGATION PUBLIC IMPROVEMENT AND REFUNDING BONDS OF LOUDOUN COUNTY, VIRGINIA, IN THE MAXIMUM AGGREGATE PRINCIPAL AMOUNT OF \$180,455,000, WHICH INCLUDES \$94,205,000 OF NEW MONEY FOR CAPITAL IMPROVEMENT PROJECTS AND UP TO \$86,250,000 IN REFUNDING BONDS, AND PROVIDING FOR THE FORM, DETAILS AND PAYMENT THEREOF

WHEREAS, the issuance of bonds of the County in the maximum amount of \$68,105,000 was approved by the Board on July 3, 2007, and approved by the voters on November 6, 2007 (the validity of which was extended until November 6, 2017 by order of the Circuit Court of Loudoun County dated November 5, 2015) to finance, in whole or in part, certain projects, including the cost of the design, construction and equipping of the renovation of the Sterling Community Center located at 120 Enterprise Street in Sterling, Virginia in the amount of \$5,497,000, \$1,598,000 of which bonds have been previously issued (the “2007 Public Facility Project”);

WHEREAS, the issuance of bonds of the County in the maximum amount of \$172,620,000 was approved by the Board on July 6, 2011, and approved by the voters on November 8, 2011 to finance, in whole or in part, certain projects, including the cost of capital projects for the following public facility purposes: (a) the design, construction and equipping of ES-16, the Moorefield Station Elementary School, in the amount of \$22,830,000, \$20,512,000 of which bonds have been previously issued; (b) the design, construction and equipping of the MS-6, Ashburn Area Middle School (now formally named Trailside Middle School) in the amount of \$39,380,000, \$33,910,000 of which bonds have been previously issued; (c) the design, construction and equipping of the HS-8, Ashburn Area High School (now formally named Riverside High School) in the amount of \$81,010,000, \$54,050,000 of which bonds have been previously issued; and (d) the cost to acquire fire and rescue capital apparatus in the amount of \$3,000,000, \$2,693,475 of which bonds have been previously issued (collectively, the “2011 Public Facility Projects”);

WHEREAS, the issuance of bonds of the County in the maximum amount of \$138,900,000 was approved by the Board on July 17, 2012, and approved by the voters on November 6, 2012 to finance, in whole or in part, certain projects, including the cost of capital projects for the following public facility purposes: (a) the design, construction and equipping of ES-21, Dulles South Elementary School (now formally named Cardinal Ridge Elementary School) in the amount of \$28,820,000, \$27,000,000 of which bonds have been previously issued; (b) the renovation of Loudoun Valley High School in the amount of \$26,115,000; \$21,235,000 of which bonds have been previously issued; and (c) the cost to acquire and equip fire and rescue capital apparatus in the amount of \$2,750,000, \$2,537,762 of which bonds have been previously issued (collectively, the “2012 Public Facility Projects”);

WHEREAS, the issuance of bonds of the County in the maximum amount of \$62,365,000 was approved by the Board on July 3, 2013, and approved by the voters on November 5, 2013 to finance, in whole or in part, certain projects, including the cost of capital projects for the following public facility purposes: (a) the costs of the Freedom High School

addition and other public school facilities in the County in the amount of \$4,510,000, \$4,000,000 of which bonds have been previously issued; (b) the costs of the Loudoun County High School Stadium upgrades and other public school facilities in the County in the amount of \$2,365,000, \$2,275,000 of which bonds have been previously issued; (c) the costs of improvements to Belmont Ridge Road and other public roads in the County in the amount of \$3,180,000, none of which bonds have been previously issued; (d) the costs of a new Lucketts Fire Station and other public safety facilities in the County in the amount of \$11,490,000, none of which bonds have been previously issued; (e) the cost to acquire and equip fire and rescue capital apparatus in the amount of \$2,685,000, \$880,000 of which bonds have been previously issued; and (f) the costs of the Dulles South Multi-Purpose Center Phase II located at 24950 Riding Center Drive in South Riding, Virginia and other public park facilities in the County in the amount of \$17,235,000, none of which have been previously issued (collectively, the “2013 Public Facility Projects”);

WHEREAS, the issuance of bonds of the County in the maximum amount of \$208,525,000 was approved by the Board on July 2, 2014, and approved by the voters on November 4, 2014 to finance, in whole or in part, certain projects, including the cost of capital projects for the following public facility purposes: (a) the design, construction and equipping of ES-27, Dulles North Area Elementary School (now formally named Madison Trust Elementary School) and other public school facilities throughout the County in the amount of \$31,540,000, \$10,000,000 of which bonds have been previously issued; (b) the design, construction and equipping of MS-9, Dulles North Area Middle School (now formally named Brambleton Middle School) and other public school facilities throughout the County in the amount of \$48,185,000, \$10,000,000 of which bonds have been previously issued; (c) the design, construction, and equipping of the Academies of Loudoun (Advance Technology Academy) and other public school facilities throughout the County in the amount of \$83,175,000, \$5,000,000 of which bonds have been previously issued; (d) the renovation and equipping of the Sterling Community Center located at 120 Enterprise Street in Sterling, Virginia and other public park, recreational and library facilities throughout the County in the amount of \$6,085,000, none of which have been previously issued; and (e) the cost to acquire fire and rescue apparatus in the amount of \$2,840,000, none of which bonds have been previously issued (collectively, the “2014 Public Facility Projects”);

WHEREAS, the issuance of bonds of the County in the maximum amount of \$153,935,000 was approved by the Board on May 20, 2015, and approved by the voters on November 3, 2015 to finance, in whole or in part, certain projects, including the cost of capital projects for the following public facility purposes: (a) the design, construction and equipping of HS-11, Dulles North Area High School and the cost of other public school projects throughout the County approved by referendum, in the amount of \$112,725,000, none of which have been previously issued; and (b) the design, construction and equipping of ES-31, the Dulles North Area Elementary School and the cost of other public school projects throughout the County approved by referendum, in the amount of \$38,270,000, none of which have been previously issued (collectively, the “2015 Public Facility Projects” and, together with the 2007 Public Facility Project, the 2011 Public Facility Project, the 2012 Public Facility Projects, the 2013 Public Facility Projects, and the 2014 Public Facility Projects, the “Project”);

WHEREAS, the Board has determined that it is in the County's best interest to issue and sell \$3,899,000 of the bonds authorized for the 2007 Public Facility Project;

WHEREAS, the Board has determined that it is in the County's best interest to issue and sell from the 2011 Public Facility Projects, the following bonds: (a) \$318,000 of the bonds authorized for the ES-16, the Moorefield Station Elementary School; (b) \$1,000,000 of the bonds authorized for the MS-6, Ashburn Area Middle School (now formally named Trailside Middle School); (c) \$21,960,000 of the bonds authorized for the HS-8, Ashburn Area High School (now formally named Riverside High School); and (d) \$3,603 of the bonds authorized for the cost to acquire fire and rescue capital apparatus, for a total of \$23,281,603;

WHEREAS, the Board has determined that it is in the County's best interest to issue and sell from the 2012 Public Facility Projects, the following bonds: (a) \$620,000 of the bonds authorized for ES-21, Dulles South Elementary School (now formally named Cardinal Ridge Elementary School); (b) \$2,680,000 of the bonds authorized for Loudoun Valley High School; and (c) \$1,677 of the bonds authorized for the cost to acquire fire and rescue capital apparatus, for a total of \$3,301,677;

WHEREAS, the Board has determined that it is in the County's best interest to issue and sell from the 2013 Public Facility Projects, the following bonds: (a) \$510,000 of the bonds authorized for the Freedom High School addition and other public school facilities in the County; (b) \$88,290 of the bonds authorized for the Loudoun County High School Stadium and other public school facilities in the County; (c) \$3,180,000 of the bonds authorized for the design and construction of improvements to Belmont Ridge Road and other public roads in the County; (d) \$2,920,000 of the bonds authorized for the new Lucketts Fire Station and other public safety facilities in the County; (e) \$1,805,000 of the bonds authorized for the cost to acquire fire and rescue capital apparatus; and (f) \$17,235,000 of the bonds authorized for Dulles South Multi-Purpose Center Phase II and other public park facilities in the County, for a total of \$25,738,290;

WHEREAS, the Board has determined that it is in the County's best interest to issue and sell from the 2014 Public Facility Projects, the following bonds: (a) \$10,000,000 of the bonds authorized for ES-27, Dulles North Area Elementary School (now formally named Madison Trust Elementary School) and other public school facilities throughout the County; (b) \$4,999,430 of the bonds authorized for MS-9, Dulles North Area Middle School (now formally named Brambleton Middle School) and other public school facilities throughout the County; (c) \$15,000,000 of the bonds authorized for the Academies of Loudoun (Advance Technology Academy) and other public school facilities throughout the County; (d) \$1,001,000 of the bonds authorized for the Sterling Community Center and other public park, recreational and library facilities throughout the County; and (e) \$2,024,000 of the bonds authorized for the cost to acquire fire and rescue apparatus, for a total of \$33,024,430;

WHEREAS, the Board has determined that it is in the County's best interest to issue and sell from the 2015 Public Facility Projects, the following bonds: (a) \$3,045,000 of the bonds authorized for HS-11, Dulles North Area High School and other public school projects throughout the County approved by referendum and (b) \$1,915,000 of the bonds authorized for ES-31, the Dulles North Area Elementary School and other public school projects throughout the County approved by referendum, for a total of \$4,960,000;

WHEREAS, the Board has determined that the County can effect debt service savings and that it is in the County's best interest to issue and sell bonds in an amount not to exceed \$86,250,000 to refund a portion of the County's outstanding General Obligation Public Improvement Bonds (the "Prior Bonds"); and

WHEREAS, it has been recommended to the Board by its financial staff and key representatives of Davenport & Company LLC, the County's financial advisor (the "Financial Advisor") that the County issue and sell one or more series of general obligation bonds in the aggregate principal amount of up to \$180,455,000, of which \$94,205,000 shall be for the Project, and of which up to \$86,250,000 shall be for the refunding of certain of the Prior Bonds.

NOW, THEREFORE, BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF LOUDOUN COUNTY, VIRGINIA:

1. Authorization for Issuance and Sale. There are authorized to be issued and sold, pursuant to the Constitution and statutes of the Commonwealth of Virginia, including the Public Finance Act of 1991, one or more series of bonds in an aggregate principal amount not to exceed \$180,455,000 (the "Bonds") as follows: (a) to finance, in part, the costs of the Project; (b) provide funds to refund certain of the Prior Bonds; and (c) to pay costs incurred in connection with the issuance of the Bonds. Such Bonds (i) shall bear interest at a "true" or "Canadian" interest cost not to exceed 5% per year, taking into account original issue discount or premium, if any (ii) shall be sold at a price not less than 98% of the principal amount thereof, without taking into account original issue discount, and (iii) shall mature in annual installments or be subject to mandatory redemption beginning no later than the year 2017 and ending no later than 2037.

2. Bond Details. Each series of Bonds shall be designated "General Obligation Public Improvement and Refunding Bonds" or such other designation (including any series designation) as may be determined by the County Administrator (the "County Administrator"; as used herein, the term County Administrator shall include all Assistant County Administrators) or the Director of Finance and Procurement (the "Director"; as used herein, the term Director shall include the Deputy Chief Financial Officer and the Controller), and shall be issued in one or more series (simultaneously or at separate times), all as may be determined by the County Administrator or the Director, either of whom may act, provided that any series of Bonds issued pursuant to the authority of this Resolution shall be issued not later than December 31, 2016. Each series of Bonds shall be dated the date as may be determined by the County Administrator or the Director, either of whom may act, shall be in registered form, in denominations of \$5,000 and multiples thereof, and shall be numbered R-1 upward. The County Administrator or the Director, either of whom may act, shall determine the principal amount and maturity and redemption schedule of each series of the Bonds; provided, however, that the aggregate principal amount of all Bonds issued pursuant to this resolution shall not exceed \$180,455,000. Each Bond shall bear interest at such rate as shall be determined at the time of sale, payable semiannually on dates determined by the County Administrator or the Director, either of whom may act, calculated on the basis of a 360-day year of twelve 30-day months. Principal and premium, if any, shall be payable to the registered owners upon surrender of Bonds as they become due at the office of the Registrar, as hereinafter defined. Interest shall be payable by check or draft mailed to the registered owners at their addresses as they appear on the registration books kept by the Registrar on the date prior to each interest payment date that shall be

determined in accordance with Section 8 (the "Record Date"). Principal, premium, if any, and interest shall be payable in lawful money of the United States of America.

Initially, one Bond certificate for each maturity of each series of the Bonds shall be issued to and registered in the name of The Depository Trust Company, a New York corporation ("DTC"), or its nominee. The County is authorized to enter into a Letter of Representations relating to a book-entry system to be maintained by DTC with respect to the Bonds. "Securities Depository" shall mean DTC or any other securities depository for the Bonds appointed pursuant to this Section.

So long as there is a Securities Depository for the Bonds (a) it or its nominee shall be the registered owner of the Bonds, (b) notwithstanding anything to the contrary in this Resolution, determinations of persons entitled to payment of principal, premium, if any, and interest, transfers of ownership and exchanges and receipt of notices shall be the responsibility of the Securities Depository and shall be effected pursuant to rules and procedures established by such Securities Depository, (c) the Registrar and the County shall not be responsible or liable for maintaining, supervising or reviewing the records maintained by the Securities Depository, its participants or persons acting through such participants, (d) references in this Resolution to registered owners of the Bonds shall mean such Securities Depository or its nominee and shall not mean the beneficial owners of the Bonds, and (e) in the event of any inconsistency between the provisions of this Resolution and the provisions of the above-referenced Letter of Representations such provisions of the Letter of Representations, except to the extent set forth in this paragraph and the next preceding paragraph, shall control.

In the event that the Securities Depository determines not to continue to act as the securities depository for the Bonds or the County determines to select a new Securities Depository, then the County Administrator or the Director, either of whom may act, shall attempt to locate another qualified securities depository to serve as Securities Depository and shall authenticate and deliver certificated Bonds to the new Securities Depository. In the event that the County determines to discontinue a book-entry system for the Bonds, then the County shall deliver Bonds in certificated form to or for the benefit of the beneficial owners of the Bonds.

In any event, the Bonds delivered shall be substantially in the form provided for in Section 5; provided, however, that such form shall provide for interest on the Bonds to be payable (1) from the date of the Bonds if they are authenticated prior to the first interest payment date, or (2) otherwise from the interest payment date that is or immediately precedes the date on which the Bonds are authenticated (unless payment of interest thereon is in default, in which case interest on such Bonds shall be payable from the date to which interest has been paid). In delivering certificated Bonds, the County Administrator or the Director, shall be entitled to rely on the records of the Securities Depository as to the beneficial owners or the records of the Securities Depository participants acting on behalf of beneficial owners. Such certificated Bonds will then be registrable, transferable and exchangeable as set forth in Section 7.

3. Redemption Provisions. All or a portion of each series of the Bonds may be subject to redemption prior to maturity at the option of the County on or after dates, if any, determined by the County Administrator or the Director, either of whom may act, in whole or in part at any time at a redemption price equal to the principal amount of the Bonds to be redeemed,

together with any accrued interest to the redemption date plus a redemption premium not to exceed 2% of the principal amount of the Bonds to be redeemed. All or a portion of each series of the Bonds may be noncallable. Such redemption provisions, including whether any Bonds are callable for optional redemption, the redemption dates, if any, and redemption premium, if any, shall be determined by the County Administrator or the Director, either of whom may act.

Any term bonds may be subject to mandatory sinking fund redemption as determined by the County Administrator or the Director, either of whom may act.

If less than all of the Bonds of a series are called for redemption, the Bonds to be redeemed shall be selected by the County Administrator or the Director, either of whom may act, in such manner as he may determine to be in the best interest of the County. If less than all the Bonds of a particular maturity are called for redemption, the Bonds to be redeemed shall be selected by DTC or any successor Securities Depository pursuant to its rules and procedures or, if the book-entry system is discontinued, shall be selected by the Registrar by lot in such manner as the Registrar in its discretion may determine. In either case, (a) the portion of any Bond to be redeemed shall be in the principal amount of \$5,000 or some integral multiple thereof and (b) in selecting Bonds for redemption, each Bond shall be considered as representing that number of Bonds that is obtained by dividing the principal amount of such Bond by \$5,000.

The County shall cause notice of the call for redemption identifying the Bonds or portions thereof to be redeemed to be sent by facsimile transmission, registered or certified mail or overnight express delivery, not less than 30 days nor more than 60 days prior to the redemption date, to the registered owner of the Bonds. The County shall not be responsible for mailing notice of redemption to anyone other than DTC or another qualified securities depository then serving or its nominee unless no qualified securities depository is the registered owner of the Bonds. If no qualified securities depository is the registered owner of the Bonds, notice of redemption shall be mailed to the registered owners of the Bonds. If a portion of a Bond is called for redemption, a new Bond in principal amount equal to the unredeemed portion thereof shall be issued to the registered owner upon the surrender thereof.

If, at the time of mailing of the notice of any optional redemption, there has not been deposited with an escrow agent moneys sufficient to redeem all the Bonds called for redemption, the notice may state that it is conditional on the deposit of the redemption moneys with the escrow agent not later than the redemption date. Such notice will be of no effect and the redemption price for such optional redemption will not be due and payable unless such moneys are so deposited.

4. Execution and Authentication. The Bonds shall be signed by the manual or facsimile signature of the Chairman or Vice-Chairman of the Board, shall be countersigned by the manual or facsimile signature of the Clerk or Deputy Clerk of the Board and the Board's seal shall be affixed thereto or a facsimile thereof printed thereon; provided, however, that if both of such signatures are facsimiles, no Bond shall be valid until it has been authenticated by the manual signature of an authorized officer or employee of the Registrar and the date of authentication noted thereon.

5. Bond Form. The Bonds shall be in substantially the form set forth as Exhibit A hereto.

6. Pledge of Full Faith and Credit. The full faith and credit of the County are irrevocably pledged for the payment of principal of and premium, if any, and interest on the Bonds. Unless other funds are lawfully available and appropriated for timely payment of the Bonds, the Board shall levy and collect an annual ad valorem tax, over and above all other taxes authorized or limited by law and without limitation as to rate or amount, on all locally taxable property in the County sufficient to pay the principal of and premium, if any, and interest on the Bonds.

7. Registration, Transfer and Owners of Bonds. The County Administrator or the Director, either of whom may act, is authorized to select a bank or trust company as paying agent and registrar for each series of the Bonds (the "Registrar"). The Registrar shall maintain registration books for the registration and registration of transfers of Bonds. Upon presentation and surrender of any Bonds at the office of the Registrar, together with an assignment duly executed by the registered owner or his duly authorized attorney or legal representative in such form as shall be satisfactory to the Registrar, the County shall execute and the Registrar shall authenticate, if required by Section 4, and deliver in exchange, a new Bond or Bonds of the same series, having an equal aggregate principal amount, in authorized denominations, of the same form and maturity, bearing interest at the same rate, and registered in names as requested by the then registered owner or his duly authorized attorney or legal representative. Any such exchange shall be at the expense of the County, except that the Registrar may charge the person requesting such exchange the amount of any tax or other governmental charge required to be paid with respect thereto.

The Registrar shall treat the registered owner as the person exclusively entitled to payment of principal, premium, if any, and interest and the exercise of all other rights and powers of the owner, except that interest payments shall be made to the person shown as owner on the registration books as of the Record Date.

8. Sale of Bonds. The Board approves the following terms of the sale of the Bonds. Each series of the Bonds may be sold by competitive bid or by negotiation with one or more underwriters and in one or more series, all as may be determined by the County Administrator or the Director, either of whom may act.

If any series of Bonds is sold by negotiation, the Bonds shall be sold at such price determined to be in the best interest of the County by the County Administrator or the Director, either of whom may act, and if such Bonds are sold competitively, the County Administrator or the Director, either of whom may act, shall receive bids for such Bonds and award such Bonds to the bidder providing the lowest "true" or "Canadian" interests costs, all subject to the limitations set forth in Section 1. The Board further authorizes the County Administrator or the Director, either of whom may act, to (a) reduce the aggregate principal amount of the Bonds, (b) determine the maturity schedule of the Bonds including the amount of Bonds issued for each component of the Project, (c) establish the redemption provisions, if any, for the Bonds, (d) determine the dated date, maturity dates, interest payment dates and Record Date for the Bonds, and (e) determine whether the Bonds will be issued on a tax-exempt or taxable basis.

If any series of Bonds is sold by negotiation, the County Administrator or the Director, either or whom may act, is authorized to appoint one or more underwriters as book-running senior manager, co-senior managers or co-managers, all as he may determine to be in the best interest of the County. Furthermore, if the Bonds are sold by negotiation, the County Administrator or the Director, either of whom may act, is authorized to execute a bond purchase agreement (the "Bond Purchase Agreement") and deliver it to the underwriters of the Bonds. The Bond Purchase Agreement shall set forth the final terms of the Bonds and be in a form approved by the County Administrator or the Director, either of whom may act, in collaboration with the County Attorney and the County's bond counsel, and the execution thereof by the County Administrator or Director shall evidence his approval of such agreement. If the Bonds are sold by competitive bid, the County Administrator or the Director, either of whom may act, in collaboration with the Financial Advisor, is authorized and directed to take all proper steps to have prepared and distributed, in accordance with standard practices of municipal securities, a notice of sale (the "Notice of Sale") to advertise the Bonds for sale. Each Bond Purchase Agreement or Notice of Sale, as applicable, shall be in a form that is not inconsistent with the provisions of this Resolution and as the County Administrator or the Director, either of whom may act, may consider to be in the best interest of the County.

The actions of the County Administrator and the Director in selling the Bonds shall be conclusive, and no further action shall be necessary on the part of the Board.

9. Official Statement. A draft of a Preliminary Official Statement describing the Bonds, copies of which have been made available for review by the members of the Board, is approved as the form of the Preliminary Official Statement by which the Bonds will be offered for sale, with such completions, omissions, insertions and changes not inconsistent with this Resolution as the County Administrator or the Director, either of whom may act, may consider appropriate. After the Bonds have been sold, the County Administrator or the Director, either of whom may act, in collaboration with the Financial Advisor, shall make such completions, omissions, insertions and changes in the Preliminary Official Statement not inconsistent with this Resolution as are necessary or desirable to complete it as a final Official Statement, execution thereof by the County Administrator or the Director, either of whom may act, to constitute conclusive evidence of his approval of any such completions, omissions, insertions and changes. The County shall arrange for the delivery to the purchaser of the Bonds of a reasonable number of copies of the final Official Statement, within seven business days after the Bonds have been awarded, for delivery to each potential investor requesting a copy of the Official Statement and to each person to whom such purchaser and members of its group initially sell Bonds.

10. Official Statement Deemed Final. The County Administrator or the Director, either of whom may act, is authorized, on behalf of the County, to deem the Preliminary Official Statement and the Official Statement in final form, each to be final as of its date within the meaning of Rule 15c2-12 (the "Rule") of the Securities and Exchange Commission (the "SEC"), except for the omission in the Preliminary Official Statement of certain pricing and other information permitted to be omitted pursuant to such the Rule. The distribution of the Preliminary Official Statement and the Official Statement in final form shall be conclusive evidence that each has been deemed final as of its date by the County, except for the omission in the Preliminary Official Statement of such pricing and other information permitted to be omitted pursuant to the Rule.

11. Preparation and Delivery of Bonds. After bids have been received with respect to a series of Bonds and the Bonds have been awarded, or the Bond Purchase Agreement has been executed, the Chairman or Vice Chairman and the Clerk or Deputy Clerk of the Board are authorized and directed to take all proper steps to have the Bonds prepared and executed in accordance with their terms and to deliver the Bonds to the purchaser thereof upon payment therefor.

12. Tax Certificate and Tax Covenants. If the County Administrator or the Director, either of whom may act, determines that it is in the best interest of the County to issue a series of the Bonds on a tax-exempt basis, then the County Administrator or the Director, either of whom may act, on behalf of the County, shall covenant that, in order to maintain the exclusion from gross income for Federal income tax purposes of the interest on the Bonds, the County will satisfy, or take such actions as are necessary to cause to be satisfied, each provision of the Internal Revenue Code of 1986, as amended (the "Code"), necessary to maintain such exclusion. In addition, in furtherance of such covenant, the County Administrator or the Director, either of whom may act, shall agree, on behalf of the County, to comply with such written instructions as may be provided by the County's bond counsel. In furtherance of the covenant contained in the preceding sentence, the County Administrator or the Director, either of whom may act, on behalf of the County, shall agree to continually comply with the provisions of the "Tax Certificate as to Arbitrage and the Provisions of Sections 103 and 141-150 of the Internal Revenue Code of 1986" to be executed by the County in connection with the execution and delivery of the Bonds, as amended from time to time.

In the event that the County Administrator or the Director, either of whom may act, determines that it is in the best interest of the County to issue a series of the Bonds on a tax-exempt basis, the County Administrator or the Director, either of whom may act, on behalf of the County, shall covenant that no part of the proceeds of the Bonds shall be used, directly or indirectly, to acquire any "investment property," as defined in section 148 of the Code, which would cause the Bonds to become "arbitrage bonds" within the meaning of section 148 of the Code or under applicable Treasury regulations promulgated thereunder. Furthermore, upon such determination, in order to assure compliance with the rebate requirement of section 148 of the Code, the County Administrator or the Director, either of whom may act, on behalf of the County, shall further covenant that the County will pay or cause to be paid to the United States Treasury Department the amounts necessary to satisfy the requirements of section 148(f) of the Code, and that it will establish such accounting procedures as are necessary to adequately determine, account for and pay over any such amount or amounts required to be paid to the United States in a manner consistent with the requirements of section 148 of the Code, such covenant to survive the defeasance of the Bonds.

13. Deposit of Bond Proceeds and SNAP Investment Authorization. The Board has determined to authorize the Treasurer (the "Treasurer," as used herein, the term Treasurer shall include all Deputy Treasurers) to have the option to utilize the State Non-Arbitrage Program of the Commonwealth of Virginia ("SNAP") in connection with the investment of the proceeds of the Bonds. The County Administrator or the Director, either of whom may act, is authorized and directed, as appropriate, (a) to provide for the separation of a portion of the proceeds of the Bonds in a special account to be used to pay the costs of the Project; (b) to provide for the separation of a portion of the proceeds of the Bonds in a special account to be

used to pay the costs of issuing the Bonds; and (c) to provide for the separation of a portion of the proceeds of the Bonds in a special account to be used to refund the Refunded Bonds (as defined below). The Board acknowledges that the Treasury Board of the Commonwealth of Virginia is not, and shall not be, in any way liable to the County in connection with SNAP, except as otherwise provided in the documents provided in connection with SNAP.

14. Redemption of Refunded Bonds. The County Administrator or the Director, either of whom may act, is authorized and directed to determine which of the Prior Bonds (or portions thereof) will constitute the Refunded Bonds (the “Refunded Bonds”); provided, however, that the refunding of the Refunded Bonds shall result in an aggregate present value savings of at least three percent (3%) on an aggregate basis for each series of Bonds issued; and provided further that the refunding of each Prior Bond or portion thereof shall result in some present value savings. The Refunded Bonds, if any, are specifically and irrevocably called for redemption on the first applicable date when such Refunded Bonds are callable prior to maturity. The County Administrator or the Director, either of whom may act, is further authorized and directed to take all such further action as may be necessary or desirable in connection with the payment and redemption of the Refunded Bonds.

15. Escrow Deposit Agreement. With respect to each series of Bonds, the County Administrator or the Director, either of whom may act, is authorized and directed to execute an escrow deposit agreement (the “Escrow Agreement”) between the County and a bank or trust company appointed by the County Administrator or the Director, either of whom may act, as escrow agent (the “Escrow Agent”), providing for the deposit and investment, including reinvestment, of a portion of the Bond proceeds for the defeasance of the Refunded Bonds. The Escrow Agreement shall be in the form approved by the Director, in collaboration with the County Attorney and the County’s bond counsel, the execution thereof by the County Administrator or the Director, either of whom may act, to constitute conclusive evidence of such official’s approval of such Agreement. The Escrow Agreement shall provide for the irrevocable deposit of a portion of the Bond proceeds in an escrow fund which shall be sufficient, when invested in noncallable, direct obligations of, or obligations unconditionally guaranteed by, the United States of America, to provide for payment of principal of and premium, if any, and interest on the Refunded Bonds when due; provide, however, that such Bond proceeds shall be invested in such manner that none of the Bonds will be “arbitrage bonds” within the meaning of Section 148 of the Internal Revenue Code of 1986, as amended, and regulations issued pursuant thereto (the “Code”). The Escrow Agreement shall provide for giving notice of redemption in accordance with the resolutions providing for the issuance of the Refunded Bonds to the registered owners of the Refunded Bonds.

16. Continuing Disclosure. The County Administrator or the Director, either of whom may act, is hereby authorized and directed to execute a continuing disclosure agreement setting forth the reports and notices to be filed by the County and containing such covenants as may be necessary to assist the purchasers of the Bonds in complying with the provisions of the Rule. Such continuing disclosure agreement shall be substantially in the form of Appendix C to the Preliminary Official Statement, with such completions, omissions, insertions and changes that are not inconsistent with this Resolution.

17. Reimbursement Declaration. The County may make certain expenditures in connection with the Project out of temporary funds. To the extent it makes such expenditures, the County reasonably expects to be reimbursed for the expenditures, as permitted by Treasury Regulation Section 1.150-2, from the proceeds of a tax-exempt or taxable financing. The financing is in an amount presently estimated not to exceed \$94,205,000.

18. Other Actions. All other actions of officers of the County and the Board in conformity with the purposes and intent of this Resolution and in furtherance of the issuance and sale of the Bonds are hereby ratified, approved and confirmed. The officers of the County are authorized and directed to execute and deliver all certificates and instruments and to take all action necessary or desirable in connection with the issuance, sale and delivery of the Bonds.

19. Filing of Resolution. The Clerk of the Board of Supervisors, in collaboration with the County Attorney, is authorized and directed to see to the immediate filing of a certified copy of this Resolution in the Circuit Court of Loudoun County.

20. Repeal of Conflicting Resolutions. All resolutions or parts of resolutions in conflict herewith are hereby repealed.

21. Effective Date. This Resolution shall take effect immediately.

The undersigned Clerk of the Board of Supervisors of Loudoun County, Virginia, certifies that the foregoing Resolution was adopted by the Board of Supervisors on _____, 2016.

WITNESS my signature and the seal of the Board of Supervisors of Loudoun County, Virginia, this ___ day of _____ 2016.

(SEAL)

Clerk, Board of Supervisors of
Loudoun County, Virginia

EXHIBIT A

Unless this certificate is presented by an authorized representative of The Depository Trust Company, a New York corporation (“DTC”), to the issuer or its agent for registration of transfer, exchange, or payment, and any certificate is registered in the name of Cede & Co., or in such other name as is requested by an authorized representative of DTC (and any payment is made to Cede & Co. or to such other entity as is requested by an authorized representative of DTC), any transfer, pledge, or other use hereof for value or otherwise by or to any person is wrongful inasmuch as the registered owner hereof, Cede & Co., has an interest herein.

REGISTERED

REGISTERED

No. R-__

\$ _____

**UNITED STATES OF AMERICA
COMMONWEALTH OF VIRGINIA
LOUDOUN COUNTY**

General Obligation Public Improvement and Refunding Bond, Series [___]

INTEREST RATE	MATURITY DATE	DATED DATE	CUSIP
___%	_____	_____, 20__	545896__

REGISTERED OWNER: CEDE & CO.

PRINCIPAL AMOUNT:

Loudoun County, Virginia (the “County”), for value received, promises to pay, upon surrender hereof, to the registered owner hereof, or registered assigns or legal representative, the principal sum stated above on the maturity date stated above, subject to prior redemption as hereinafter provided, and to pay interest hereon semiannually on each _____ and _____, beginning _____, at the annual rate stated above, calculated on the basis of a 360-day year of twelve 30-day-months. Principal, premium, if any, and interest are payable in lawful money of the United States of America by _____, who has been appointed Registrar (the “Registrar”).

Notwithstanding any other provision hereof, this bond is subject to a book-entry system maintained by DTC, and the payment of principal, premium, if any, and interest, the providing of notices and other matters shall be made as described in the County’s Letter of Representations to DTC.

This bond is one of an issue of \$ _____ General Obligation Public Improvement and Refunding Bonds, Series [____], of like date and tenor, except as to number, denomination, rate of interest, privilege of redemption and maturity, and is issued pursuant to the Constitution and statutes of the Commonwealth of Virginia, including the Public Finance Act of 1991 (Chapter 26, Title 15.2). The Bonds were approved by the qualified voters of the County at referenda held on November 6, 2007, November 8, 2011, November 6, 2012, November 5, 2013, November 4, 2014 and November 3, 2015 and are authorized by a resolution adopted by the Board of Supervisors of the County (the “Board”) on _____, 2016, to finance, in whole or in part, capital projects for school and other public purposes, to refund certain of the County’s outstanding general obligation bonds prior to maturity and to pay related issuance costs, as described therein.

Bonds maturing on or before _____ are not subject to redemption prior to maturity. Bonds maturing on or after _____ are subject to redemption prior to maturity at the option of the County on or after _____, in whole or in part at any time, upon payment of the following redemption prices (expressed as a percentage of principal amount of Bonds to be redeemed) plus interest accrued and unpaid to the redemption date:

Period During Which Redeemed <u>Both Dates Inclusive</u>	Redemption <u>Price</u>
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If less than all of the Bonds are called for redemption, the bonds to be redeemed shall be selected by the County Administrator (or the Deputy County Administrators) or the Director of Finance and Procurement (or the Deputy Director or Controller) any of whom may act, of the County in such manner as he may determine to be in the best interest of the County. If less than all of the bonds of a particular maturity are called for redemption, the bonds to be redeemed shall be selected by DTC or any successor securities depository pursuant to its rules and procedures or, if the book-entry-only-system is discontinued, the bonds to be redeemed shall be selected by the Registrar by lot in such manner as the Registrar in its discretion may determine. In either case, (a) the portion of any bond to be redeemed shall be in the principal amount of \$5,000 or some integral multiple thereof and (b) in selecting bonds for redemption, each bond shall be considered as representing that number of bonds that is obtained by dividing the principal amount of such bond by \$5,000.

The County shall cause notice of the call for redemption identifying the bonds or portions thereof to be redeemed to be sent by facsimile transmission, registered or certified mail or overnight express delivery, not less than 30 nor more than 60 days prior to the redemption date, to DTC or its nominee as the registered owner of the bonds. If, at the time of mailing of the notice of any optional redemption, there has not been deposited with an escrow agent moneys sufficient to redeem all the Bonds called for redemption, the notice may state that it is conditional on the deposit of the redemption moneys with the escrow agent not later than the redemption date. Such notice will be of no effect and the redemption price for such optional redemption will not be due and payable unless such moneys are so deposited.

The full faith and credit of the County are irrevocably pledged for the payment of principal of and premium, if any, and interest on this bond.

The Registrar shall treat the registered owner of this bond as the person exclusively entitled to payment of principal of and premium, if any, and interest on this bond and the exercise of all other rights and powers of the owner, except that interest payments shall be made to the person shown as the owner on the registration books on the fifteenth day of the month preceding each interest payment date.

All acts, conditions and things required by the Constitution and statutes of the Commonwealth of Virginia to happen, exist or be performed precedent to and in the issuance of this bond have happened, exist and have been performed, and the issue of bonds of which this bond is one, together with all other indebtedness of the County, is within every debt and other limit prescribed by the Constitution and statutes of the Commonwealth of Virginia.

IN WITNESS WHEREOF, the Board of Supervisors of Loudoun County, Virginia, has caused this bond to be issued in the name of Loudoun County, Virginia, to be signed by its Chairman, to be countersigned by its Clerk, its seal to be affixed hereto and this bond to be dated _____, 20__.

COUNTERSIGNED:

Clerk, Board of Supervisors
Loudoun County, Virginia

(SEAL)

Chairman, Board of Supervisors of
Loudoun County, Virginia

ASSIGNMENT

FOR VALUE RECEIVED the undersigned sell(s), assign(s) and transfer(s) unto

(Please print or type name and address, including postal zip code, of Transferee)

PLEASE INSERT SOCIAL SECURITY OR OTHER IDENTIFYING NUMBER OF TRANSFEREE:

:
:
:
:
:

the within bond and all rights thereunder, hereby irrevocably constituting and appointing _____, Attorney, to transfer said bond on the books kept for the registration thereof, with full power of substitution in the premises.

Dated: _____

Signature Guaranteed

NOTICE: Signature(s) must be guaranteed by an Eligible Guarantor Institution such as a Commercial Bank, Trust Company, Securities Broker/Dealer, Credit Union, or Savings Association who is a member of a medallion program approved by The Securities Transfer Association, Inc.

(Signature of Registered Owner

NOTICE: The signature above must correspond with the name of the registered owner as it appears on the front of this bond in every particular without alteration or enlargement or any change whatsoever.

**RESOLUTION OF THE BOARD OF SUPERVISORS OF
LOUDOUN COUNTY, VIRGINIA**

**APPROVING A PLAN OF FINANCING WITH THE
ECONOMIC DEVELOPMENT AUTHORITY OF
LOUDOUN COUNTY, VIRGINIA, FOR THE
ACQUISITION, DESIGN, CONSTRUCTION AND
EQUIPPING OF LOUDOUN COUNTY FACILITIES**

WHEREAS, the Board of Supervisors (the “**Board of Supervisors**”) of Loudoun County, Virginia (the “**County**”) has determined that it is necessary and appropriate to finance costs of the acquisition, design, construction and equipping of the following projects: (i) the purchase of a 37,000 square foot facility located at 101 Blue Seal Drive in Leesburg, Virginia for County government office space; (ii) design and construction of a new 92,000 square foot facility for the General District Court and court administrative support functions located at 2 Church Street in Leesburg, Virginia; (iii) renovations to the interior of the County’s original 8,000 square foot Youth Shelter located at 16450 Meadowview Court in Leesburg, Virginia; (iv) construction and equipping of an approximately 3,400 square foot group residence on a County-owned parcel in the Town of Round Hill located at 17394 Arrowood Place in Round Hill, Virginia; (v) the planning, design and construction of a stormwater management facility for the Route 772 Metro Station; (vi) refinancing of the costs of the renovation of approximately 9,400 square feet of the County’s existing Adult Detention Center and the expansion of such Adult Detention Center by constructing approximately 124,000 square feet of space including additional inmate housing, new intake/booking/receiving space, additions of medical and video visitation areas, new magistrates’ offices, and expansion of administration and staff service areas, which costs were originally financed through a \$46,240,000 Financing Lease, dated as of December 1, 2008, by and between Virginia Resources Authority and the County; and (vii) such other projects approved by the Board of Supervisors that do not, in the opinion of bond counsel to the County, adversely affect the tax exempt status of the Bonds (hereinafter defined) (collectively, the “**Project**”), by entering into a lease financing arrangement as hereinafter described;

WHEREAS, the Economic Development Authority of Loudoun County, Virginia (the “**Authority**”), pursuant to the Industrial Development and Revenue Bond Act (the “**Act**”) under which it is created, is authorized to exercise all the powers set forth in the Act, which include, among other things, the power to make loans to, among others, a county in furtherance of the Act, to finance or refinance and lease facilities for use by, among others, a county, to issue its revenue bonds, notes and other obligations from time to time for such purposes and to pledge all or any part of its revenues and receipts derived from payments received by the Authority in connection with its loans or from the leasing by the Authority of such facilities or from any source, as security for the payment of principal of and interest on any such obligations;

WHEREAS, pursuant to the Master Trust Agreement dated as of February 1, 2015 (the “**Master Trust Agreement**”), by and between the Authority and U.S. Bank National Association, as trustee (the “**Trustee**”), the Authority agreed to issue multiple Series of Bonds

from time to time, and to loan the proceeds thereof to the County, to be applied by the County to finance, in part, the costs of acquisition, construction and equipping of certain County projects;

WHEREAS, pursuant to the Master Trust Agreement, as supplemented by the First Supplemental Trust Agreement dated as of February 1, 2015 (the “**First Supplemental Trust Agreement**”), by and between the Authority and the Trustee, the Authority issued a Series of Bonds designated as Public Facility Lease Revenue Bonds, Series 2015A (Loudoun County Public Facilities Project) (the “**Series 2015A Bonds**”);

WHEREAS, pursuant to the terms of the Ground Lease dated as of February 1, 2015 (the “**Original Ground Lease**”), by and between the County and the Authority, the County provided security for the Series 2015A Bonds and any additional Series of Bonds secured by the Lease Agreement by granting to the Authority a leasehold interest in certain real property and improvements owned by the County and located in the County, as more fully described in the Original Ground Lease (the “**Property**”);

WHEREAS, pursuant to the terms of the Lease Agreement dated as of February 1, 2015 (the “**Original Lease Agreement**”), by and between the Authority and the County, (i) the Authority agreed to lease the Property back to the County and (ii) the County agreed to repay the loan from the Authority by making payments of Basic Rent and Additional Rent (as such terms are defined in the Original Lease Agreement) in an amount sufficient for the Authority to repay the Series 2015A Bonds and any additional Series of Bonds, subject to appropriation by the Board of Supervisors from time to time of sufficient moneys for such purpose;

WHEREAS, the Board of Supervisors desires that the Authority (a) issue an additional Series of Bonds to be designated as Public Facility Lease Revenue Bonds, Series 2016A (Loudoun County Public Facilities Project) in an aggregate principal amount not to exceed \$48,050,000 (the “**Bonds**”), pursuant to the terms of the Master Trust Agreement, as supplemented by the Second Supplemental Trust Agreement to be dated as of June 1, 2016 (the “**Second Supplemental Trust Agreement**”) (the Master Trust Agreement, as amended and supplemented by the First Supplemental Trust Agreement and the Second Supplemental Trust Agreement, is hereinafter referred to as the “**Trust Agreement**”) and (b) make available to the County the proceeds of the Bonds to pay the costs of the Project, including all or a portion of the costs of issuing the Bonds, pursuant to the terms of the Trust Agreement;

WHEREAS, the Director of Finance and Procurement and the County Administrator have recommended that Nixon Peabody LLP be selected as bond counsel (“**Bond Counsel**”); and

WHEREAS, there have been have been made available for review drafts of the following documents (collectively, the “**Documents**”) in connection with the transactions described above, copies of which shall be filed with the records of the Board of Supervisors:

copies of which have been made available for review by the members of the Board

(a) The Second Supplemental Trust Agreement, which provides for the issuance and delivery of the Bonds and is to be acknowledged and consented to by the County;

(b) The First Amendment to Ground Lease to be dated as of June 1, 2016 (the “**First Amendment to Ground Lease**”), by and between the County and the Authority, amending the Original Ground Lease in order to: (i) extend the term of the Ground Lease from December 1, 2039 to December 1, 20__; and (ii) add the real property owned by the County and located at _____, and the structures and improvements located therein or situated thereon (the “Additional Property”), to the Property leased by the County to the Authority pursuant to the Ground Lease;

(c) The First Supplemental Lease Agreement to be dated as of June 1, 2016 (the “**First Supplemental Lease Agreement**”), by and between the Authority and the County, amending the Original Lease Agreement (the Original Lease Agreement, as amended by the First Supplemental Lease Agreement, is hereinafter referred to as the “**Lease Agreement**”), by and between the Authority and the County, in order to: (i) extend the term of the Lease Agreement from December 1, 2034 to December 1, 20__; (ii) add the Additional Property to the Property leased by the Authority to the County pursuant to the Lease Agreement; and (iii) reflect principal and interest payments on the Bonds in addition to principal and interest payments on the Series 2015A Bonds in the schedule of Basic Rent included therein;

(d) Continuing Disclosure Agreement of the County to be dated the date of the Bonds (the “**Disclosure Agreement**”); and

(e) Preliminary Official Statement of the Authority, to be dated the date of its distribution, relating to the public offering of the Bonds (the “**Preliminary Official Statement**”).

BE IT RESOLVED BY THE BOARD OF SUPERVISORS OF LOUDOUN COUNTY, VIRGINIA:

1. The following plan for financing the Project is approved. The Bonds may be issued in the maximum principal amount not to exceed \$48,050,000. The Authority will make available to the County the proceeds of the Bonds pursuant to the terms of the Trust Agreement. As set forth in the Lease Agreement, the County will make payments of Basic Rent and Additional Rent (as defined in the Lease Agreement) to the Authority in amounts sufficient to amortize the Bonds and to pay the fees or expenses of the Authority and the Trustee. The obligation of the Authority to pay principal of and premium, if any, and interest on the Bonds will be limited to payments of Basic Rent and Additional Rent received from the County. The Bonds will be secured by an assignment of Basic Rent and Additional Rent due under the Lease Agreement, all for the benefit of the holders of the Bonds. The obligation of the County to make Basic Rent payments and Additional Rent payments will be subject to the Board of Supervisors making annual appropriations in sufficient amounts for such purposes. If the County exercises its right not to appropriate money for such payments, the Trustee shall have the right to declare immediately due and payable the entire unpaid balance on the Basic Rent due and thereafter to become due and to exercise any remedies provided in the Lease Agreement upon an event of non-appropriation. The plan of financing for the Project shall contain such additional requirements and provisions as may be approved by the County Administrator or the Director (each as defined below).

2. The Authority is hereby requested to undertake the issuance of the Bonds, to make available to the County the proceeds of the Bonds for the Project and to secure the Bonds as set forth in the Trust Agreement. The Authority is authorized and directed to modify the series designation of each series of the Bonds, if such Bonds are sold in a year other than 2016 or for other reasons that the Authority determines, in consultation with the County staff, to be appropriate.

3. The Board of Supervisors, while recognizing that it is not empowered to make any binding commitment to make appropriations beyond the current fiscal year, hereby states its intent to make annual appropriations in future fiscal years in amounts sufficient to make all payments of Basic Rent and Additional Rent under the Lease Agreement attributable to the Project and hereby recommends that future Boards do likewise during the term of the Lease Agreement.

4. The Board of Supervisors hereby approves of the selection Nixon Peabody LLP as Bond Counsel. The Board of Supervisors hereby approves the sale of the Bonds by competitive bid or negotiated sale in one or more series, all as may be determined by the County Administrator or the Director, either of whom may act.

5. The County Administrator of Loudoun County (the “**County Administrator**” and as used herein, the term County Administrator shall also include all Assistant County Administrators) or the Director of Finance and Procurement of Loudoun County (the “**Director**,” and as used herein, the term Director shall include the Deputy Chief Financial Officer and the Controller), either of whom may act, is authorized and directed to execute or approve the Documents, which shall be in substantially the forms submitted to this meeting, which are approved, with such completions, omissions, insertions and changes not inconsistent with this Resolution as may be approved by the officer executing them, his execution to constitute conclusive evidence of his approval of any such completions, omissions, insertions and changes. The County Attorney is hereby authorized to cause the Lease Agreement and any other documents as are necessary to be recorded in the Clerk’s Office of the Circuit Court of Loudoun County.

6. The Project is hereby declared to be essential to the efficient operation of the County, and the County anticipates that the Project will continue to be essential to the operation of the County during the term of the Lease Agreement.

7. In making completions to the Second Amendment to Lease Agreement, the County Administrator or the Director, either of whom may act, shall provide for payments of Basic Rent in amounts equivalent to the payments on the Bonds, which shall be sold to one or more underwriters on terms as shall be satisfactory to the County Administrator or the Director, either of whom may act; provided, however, that the payments of Basic Rent shall be equivalent to the Bonds maturing in installments not later than 30 years after their issuance; having a “true” or “Canadian” interest cost not exceeding 7% per year (taking into account any original issue discount); being subject to optional redemption at a premium not exceeding 2% of their principal amount; and being sold to the underwriter(s) at a price not less than 98% of the principal amount thereof (without taking into account any original issue discount). The County Administrator or the Director, either of whom may act, are further authorized to approve (a) a lesser principal

amount for the Bonds, (b) a maturity schedule, including serial maturities and term maturities and redemption provisions, for the Bonds, (c) modify the series designation with respect to the Bonds, all as the County Administrator or the Director shall determine to be in the best interest of the County, (d) whether the Bonds are to be issued in one or more series, and whether such series shall be issued on a Federally taxable or tax-exempt basis or a combination thereof.

If any series of Bonds is sold by negotiation, the County Administrator or the Director, either of whom may act, is authorized to appoint one or more underwriters as book-running senior manager, co-senior managers or co-managers, all as he may determine to be in the best interest of the County. Furthermore, if the Bonds are sold by negotiation, the County Administrator or the Director, either of whom may act, is authorized to execute a bond purchase agreement (the “**Bond Purchase Agreement**”) and deliver it to the underwriter(s) of the Bonds. The Bond Purchase Agreement shall set forth the final terms of the Bonds and be in a form approved by the County Administrator or the Director, either of whom may act, in collaboration with the County Attorney and the County’s bond counsel, and the execution thereof by the County Administrator or Director shall evidence his approval of such agreement. If the Bonds are sold by competitive bid, the County Administrator or the Director, either of whom may act, is authorized and directed to take all proper steps to have prepared and distributed, in accordance with standard practices of municipal securities, a notice of sale (the “**Notice of Sale**”) to advertise the Bonds for sale. Each Bond Purchase Agreement or Notice of Sale, as applicable, shall be in a form that is consistent with the provisions of this Resolution and as the County Administrator or the Director, either of whom may act, may consider to be in the best interest of the County.

The actions of the County Administrator or the Director in approving the terms of and selling the Bonds shall be conclusive, and no further action shall be necessary on the part of the Board of Supervisors.

8. A draft of a Preliminary Official Statement describing the Bonds, copies of which have been provided to the members of the Board of Supervisors, is approved as the form of the Preliminary Official Statement by which the Bonds will be offered for sale, with such completions, omissions, insertions and changes not inconsistent with this Resolution as the Director may consider appropriate. After the Bonds have been sold, the Director, in collaboration with Davenport & Company LLC (the “Financial Advisor”), shall make such completions, omissions, insertions and changes in the Preliminary Official Statement not inconsistent with this Resolution as are necessary or desirable to complete it as a final Official Statement, execution thereof by the Director to constitute conclusive evidence of his approval of any such completions, omissions, insertions and changes. The County shall arrange for the delivery to the purchaser of the Bonds of a reasonable number of copies of the final Official Statement, within seven business days after the Bonds have been awarded, for delivery to each potential investor requesting a copy of the Official Statement and to each person to whom such purchaser and members of its group initially sell Bonds.

9. The Director is authorized, on behalf of the County, to deem the Preliminary Official Statement and the Official Statement in final form, each to be final as of its date within the meaning of Rule 15c2-12 (the “Rule”) of the Securities and Exchange Commission (the “SEC”), except for the omission in the Preliminary Official Statement of certain pricing and

other information permitted to be omitted pursuant to such the Rule. The distribution of the Preliminary Official Statement and the Official Statement in final form shall be conclusive evidence that each has been deemed final as of its date by the County, except for the omission in the Preliminary Official Statement of such pricing and other information permitted to be omitted pursuant to the Rule.

10. The Director is hereby authorized and directed to execute the Disclosure Agreement setting forth the reports and notices to be filed by the County and containing such covenants as may be necessary to assist the purchasers of the Bonds in complying with the provisions of the Rule. The Disclosure Agreement shall be substantially in the form provided to members of the Board of Supervisors, with such completions, omissions, insertions and changes that are not inconsistent with this Resolution.

11. The County Administrator, the Director, the County Treasurer and all other officers of the County are each hereby, acting singly, authorized and directed to work with representatives of the Authority, its counsel, Bond Counsel, the Financial Advisor and the underwriter(s) to perform all services and prepare and execute all documentation necessary to bring the Bonds to market including (a) approving the final forms of the Documents, and (b) taking all such further action as they may consider necessary or desirable in connection with the issuance and sale of the Bonds and the undertaking of the Project.

12. If the County Administrator or Director determines that it is in the best interest of the County that a series of the Bonds be issued on a tax-exempt basis, then the County Administrator or the Director, on behalf of the County, shall covenant that, in order to maintain the exclusion from gross income for Federal income tax purposes of the interest on the Bonds, the County will satisfy, or take such actions as are necessary to cause to be satisfied, each provision of the Code, necessary to maintain such exclusion. In addition, in furtherance of such covenant, the County Administrator or the Director shall agree, on behalf of the County, to comply with such written instructions as may be provided by Bond Counsel. In furtherance of the covenant contained in the preceding sentence, the County Administrator or the Director, on behalf of the County, shall agree to continually comply with the provisions of the "Tax Certificate as to Arbitrage and the Provisions of Sections 103 and 141-150 of the Internal Revenue Code of 1986" to be executed by the Authority and the County in connection with the execution and delivery of the Bonds, as amended from time to time.

In the event that the County Administrator or the Director determines that it is in the best interest of the County that a series of the Bonds be issued on a tax-exempt basis, the County Administrator or the Director, on behalf of the County, shall covenant that no part of the proceeds of the Bonds shall be used, directly or indirectly, to acquire any "investment property," as defined in section 148 of the Code, which would cause the Bonds to become "arbitrage bonds" within the meaning of section 148 of the Code or under applicable Treasury regulations promulgated thereunder. Furthermore, upon such determination, in order to assure compliance with the rebate requirement of section 148 of the Code, the County Administrator or the Director, on behalf of the County, shall further covenant that the County will pay or cause to be paid to the United States Treasury Department the amounts necessary to satisfy the requirements of section 148(f) of the Code, and that it will establish such accounting procedures as are necessary to adequately determine, account for and pay over any such amount or amounts

required to be paid to the United States in a manner consistent with the requirements of section 148 of the Code, such covenant to survive the defeasance of the Bonds.

13. All costs and expenses in connection with the undertaking of the Project and the issuance of the Bonds, including the Authority’s fees and expenses and expenses of Bond Counsel, counsel for the Authority, the Trustee, the underwriter(s) and counsel to the underwriter(s), shall be paid from the proceeds of the Bonds or other legally available funds of the County. If for any reason the Bonds are not issued, it is understood that all such expenses shall be paid by the County from its legally available funds and that the Authority shall have no responsibility therefor.

14. The Board of Supervisors hereby determines that it is in the best interests of the County to authorize and direct the County Treasurer (the “**Treasurer**”; and, as used herein, the term Treasurer shall include all Deputy Treasurers) to participate in the State Non-Arbitrage Program (“**SNAP**”) in connection with the investment of the proceeds of the Bonds. The Treasurer is authorized and directed, as appropriate, to provide for the separation of a portion of the proceeds of the Bonds in one or more special accounts.

15. The County may make certain expenditures in connection with the Project out of temporary funds. To the extent it makes such expenditures, the County reasonably expects to be reimbursed for the expenditures, as permitted by Treasury Regulation Section 1.150-2, from the proceeds of a tax-exempt or taxable financing. The financing is in an amount presently estimated not to exceed \$48,050,000.

16. All other acts of the County Administrator or the Director and other officers of the County that are in conformity with the purposes and intent of this Resolution and in furtherance of the plan of financing, the issuance and sale of the Bonds and the undertaking of the Project are hereby approved and ratified.

17. All resolutions or parts of resolutions in conflict herewith are hereby repealed.

18. This Resolution shall take effect immediately.

The undersigned Clerk of the Board of Supervisors of Loudoun County, Virginia, certifies that the foregoing Resolution was adopted by the Board of Supervisors on _____, 2016.

WITNESS my signature and the seal of the Board of Supervisors of the Loudoun County, Virginia, this ___ day of _____, 2016.

(SEAL)

 Clerk, Board of Supervisors of
 Loudoun County, Virginia

Projects Financed with General Obligation Bonds and Lease Revenue Bonds

Table 1: Project Details for Issuance of General Obligation Public Improvement Bonds

PROJECT	CIP	REFERENDUM		PREVIOUSLY ISSUED		AMOUNT AUTHORIZED AND UNISSUED	SPRING 2016 AMOUNT TO BE SOLD
	YEAR	YEAR	AMOUNT	AMOUNT	SERIES		
Moorefield Station Elementary School (ES-16) [±]	2012	2011	\$22,830,000	\$8,752,000 10,760,000 1,000,000	2012A 2013A 2014B	\$2,318,000	\$318,000
Cardinal Ridge Elementary School (ES-21) [±]	2013	2012	28,820,000	5,000,000 10,000,000 8,000,000 4,000,000	2013A 2013C 2014A 2014B	1,820,000	620,000
Trailside Middle School (MS-6)	2012	2011	39,380,000	5,910,000 16,000,000 10,000,000 2,000,000	2012A 2013A 2014A 2015A	5,470,000	1,000,000
Riverside High School (HS-8) [±]	2012	2011	81,010,000	4,050,000 15,000,000 20,000,000 15,000,000	2013A 2013C 2014A 2015A	26,960,000	21,960,000
Loudoun Valley High School Renovation [±]	2013	2012	26,115,000	9,235,000 10,000,000 2,000,000	2013A 2014B 2015A	4,880,000	2,680,000
Freedom High School Additions [±]	2014	2013	4,510,000	2,000,000 2,000,000	2014A 2015A	510,000	510,000
Loudoun County HS Stadium Upgrades [±]	2014	2013	2,365,000	1,500,000 775,000	2014A 2015A	90,000	88,290
Dulles North ES-27 (Madison Trust ES)	2015	2014	31,540,000	10,000,000	2015A	21,540,000	10,000,000
Dulles North Area MS-9	2015	2014	48,185,000	10,000,000	2015A	38,185,000	4,999,430
Dulles North Area High School (HS-11)	2016	2015	112,725,000	N/A	N/A	112,725,000	3,045,000
Academies of Loudoun	2015	2014	83,175,000	5,000,000	2015A	78,175,000	15,000,000
Dulles North ES-31	2016	2015	38,270,000	N/A	N/A	38,270,000	1,915,000
Subtotal Schools			518,925,000	187,982,000		330,943,000	62,135,720

Table 1: Project Details for Issuance of General Obligation Public Improvement Bonds

PROJECT	CIP	REFERENDUM		PREVIOUSLY ISSUED		AMOUNT AUTHORIZED AND UNISSUED	SPRING 2016 AMOUNT TO BE SOLD
	YEAR	YEAR	AMOUNT	AMOUNT	SERIES		
Belmont Ridge Road Improvements	2014	2013	3,180,000	N/A	N/A	3,180,000	3,180,000
Sterling Community Center Renovations	2008	2007& 2014	11,582,000	1,598,000	2009A	9,984,000	4,900,000
Lucketts Fire Station Replacement	2014	2013	11,490,000	N/A	N/A	11,490,000	2,920,000
FY14 Fire and Rescue Apparatus [±]	2014	2013	2,685,000	880,000	2015A	1,805,000	1,805,000
FY13 Fire and Rescue Apparatus [±]	2013	2012	2,750,000	1,752,762 460,000 325,000	2013A 2014A 2014B	212,238	1,677
FY12 Fire and Rescue Apparatus [±]	2012	2011	3,000,000	1,681,000 502,475 200,000 310,000	2012A 2013A 2014B 2015A	306,525	3,603
Dulles Multipurpose Center Phase 2	2014	2013	17,235,000	N/A	N/A	17,235,000	17,235,000
FY15 Fire and Rescue Apparatus [±]	2015	2014	2,840,000	N/A	N/A	2,840,000	2,024,000
Subtotal General Government			54,762,000	7,709,237		47,052,763	32,069,280
GRAND TOTAL			\$573,687,000	\$195,691,237		\$377,995,763	\$94,205,000

Notes: [±] Includes financing for equipment.

Table 2: Project Details for Issuance of Lease Revenue Bonds

PROJECT	CIP	REFERENDUM		PREVIOUSLY ISSUED		AMOUNT AUTHORIZED AND UNISSUED	SPRING 2016 AMOUNT TO BE SOLD
	YEAR	YEAR	AMOUNT	AMOUNT	SERIES		
Courts Complex Phase III	2011	N/A	N/A	5,000,000	2015A	15,300,000	2,300,000
Youth Shelter Renovation [±]	2015	N/A	N/A	N/A	N/A	2,000,000	2,000,000
Round Hill Group Residence [±]	2015	N/A	N/A	N/A	N/A	1,500,000	1,500,000
General Government Office Space-Blue Seal Drive	2016	N/A	N/A	N/A	N/A	4,700,000	4,700,000
Route 772 Metro Station Stormwater Management	2015	N/A	N/A	N/A	N/A	4,000,000	4,000,000
GRAND TOTAL						\$14,500,000	

Notes: [±] Includes financing for equipment.

Debt Service Fund

Schedule of Major Financings										
FY 2016 - FY 2020 Amended Capital Improvement Program										
Capital Projects and Leases To Be Financed	Anticipated Sale or Closing Dates and Amounts									
Financing Type/Project	Total Project	Amount to be Financed FY 2016-FY 2020	Construction Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
General Obligation Bonds or Appropriation-Based:										
Administration Projects:										
Land Acquisition - DS Group Residence	480,000	480,000	N/A	N/A	Not Required (2)	0	0	0	480,000	0
Major Computer Systems - Public Safety CAD	59,000,000	5,958,132 A	N/A	N/A	Not Required (2)	3,400,000	2,558,132	0	0	0
Subtotal, Administration Projects	59,480,000	6,438,132				3,400,000	2,558,132	0	480,000	0
General Government Projects:										
Consolidated Shops & Warehouse (Miller Drive Property Acquisition)	35,000,000	25,000,000	N/A	N/A	Not Required (2)	21,000,000	0	0	0	4,000,000
Landfill Reclamation Project	21,480,000	18,480,000 A	2014	N/A	Not Required (2)	7,000,000	5,500,000	3,000,000	2,980,000	0
Landfill Sequence IV Closure	3,630,000	1,630,000 A	2012	N/A	Not Required (2)	1,630,000	0	0	0	0
Landfill Sequence V Closure	6,410,000	6,410,000	2019	N/A	Not Required (2)	0	0	0	1,350,000	5,060,000
Subtotal, General Government Projects	66,520,000	51,520,000				29,630,000	5,500,000	3,000,000	4,330,000	9,060,000
Health & Welfare Projects:										
DS Group Residence - Eastern Loudoun	2,065,000	2,065,000	2019	N/A	Not Required (2)	0	0	0	2,065,000	0
DS Group Residence - Purcellville	1,945,000	1,945,000	2017	N/A	Not Required (2)	0	250,000	1,695,000	0	0
DS Group Residence - Round Hill	1,620,000	1,500,000 A	2015	N/A	Not Required (2)	1,500,000	0	0	0	0
Youth Shelter Renovation	2,000,000	2,000,000 A	2016	N/A	Not Required (2)	2,000,000	0	0	0	0
Subtotal, Health & Welfare Projects	7,630,000	7,510,000				3,500,000	250,000	1,695,000	2,065,000	0
Parks & Recreation and Library Services Projects:										
Ashburn Recreation & Community Center	67,360,000	39,405,000 A	2017	53,225,000	Nov. 2016 (1)	0	0	10,000,000	20,000,000	9,405,000
Ashburn Senior Center	7,865,000	3,500,000 A	2017	3,500,000	Nov. 2016 (1)	0	1,500,000	2,000,000	0	0
Brambleton Library	29,040,000	18,035,000 B	2019	18,035,000	Nov. 2018 (1)	0	0	0	3,035,000	15,000,000
Dulles South Multi-Purpose Center Phase II	17,235,000	17,235,000 A	2014	17,235,000	Nov. 2013 (1)	10,000,000	7,235,000	0	0	0
Hal & Berni Hanson Regional Park	61,040,000	35,505,000	2017	35,505,000	Nov. 2016 (1)	0	12,000,000	10,000,000	8,000,000	5,505,000
Lovettsville Community Center Replacement	5,880,000	4,380,000 A	2014	N/A	Not Required (2)	4,380,000	0	0	0	0
Lovettsville District Park (includes entrance & access road)	9,000,000	9,000,000 A	2014	9,000,000	Nov. 2013 (1)	4,000,000	5,000,000	0	0	0
Philomont Community Center Renovation	906,000	906,000 A	2008	906,000	Nov. 2007 (1)	0	906,000	0	0	0
Sterling Community Center Renovation	15,502,000	9,984,000 A	2016	9,984,000	Nov. 2014 (1)	3,899,000	3,085,000	1,000,000	2,000,000	0
Subtotal, Parks & Recreation and Library Services Projects	213,828,000	137,950,000				22,279,000	29,726,000	23,000,000	33,035,000	29,910,000
Notes on Amount to be Financed between FY 2016 - FY 2020										
A - Includes previously authorized, but unissued debt financing										
B - Remaining amount to be financed after FY 2020										
Notes on Potential Referendum Dates and Projects:										
(1) General obligation bond financing requires referendum approval										
(2) May be issued through Capital Leases or Lease Revenue Bonds or Other Financing Sources										

Debt Service Fund

Schedule of Major Financings										
FY 2016 - FY 2020 Amended Capital Improvement Program										
Capital Projects and Leases To Be Financed	Anticipated Sale or Closing Dates and Amounts									
Financing Type/Project	Total Project	Amount to be Financed FY 2016-FY 2020	Construction Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
General Obligation Bonds or Appropriation-Based:										
Public Safety Projects:										
Animal Services Facility	15,495,000	13,200,000	2015	15,370,000	Nov. 2014 (1)	0	5,000,000	5,000,000	3,200,000	0
Ashburn Sheriff Station	432,145	432,145	A 2012	432,145	Not Required (2)	432,145	0	0	0	0
Courts Complex Phase II	15,300,000	2,300,000	A 2011	N/A	Not Required (2)	2,300,000	0	0	0	0
Courts Complex Phase III	87,208,000	64,898,000	2013	N/A	Not Required (2)	0	25,000,000	25,000,000	6,000,000	8,898,000
DIT-E911 System Upgrade	3,000,000	3,000,000	A 2013	N/A	Not Required (2)	1,500,000	1,500,000	0	0	0
ECC & E-911 Communications Center	12,065,000	5,565,000	A 2013	N/A	Not Required (2)	2,000,000	3,565,000	0	0	0
Fire Apparatus	42,073,000	17,840,000	A N/A	3,000,000	Nov. 2015 (1)	4,340,000	4,500,000	3,000,000	3,000,000	3,000,000
Juvenile Detention Center Phase I	12,411,931	11,049,700	A 2017	N/A	Not Required (2)	6,049,700	5,000,000	0	0	0
Leesburg South Fire & Rescue Station	14,865,000	12,890,000	2018	12,890,000	Nov. 2017 (1)	0	0	6,000,000	6,125,000	765,000
Lovettsville Fire Station Replacement	14,500,000	13,500,000	2017	5,900,000	Nov. 2016 (1)	0	9,600,000	3,900,000	0	0
Lucketts Fire Station Replacement	12,730,000	6,490,000	A 2013	11,490,000	Nov. 2013 (1)	5,120,000	1,370,000	0	0	0
Public Safety Firing Range	21,300,000	16,000,000	A 2013	N/A	Not Required (2)	12,000,000	4,000,000	0	0	0
Round Hill Fire Station Replacement	15,055,000	10,830,000	B 2018	8,000,000	Nov. 2017 (1)	0	0	1,830,000	3,000,000	6,000,000
Sterling Fire Station Replacement	16,371,000	14,520,000	A 2015	14,430,000	Nov. 2014 (1)	0	6,000,000	6,470,000	2,050,000	0
Subtotal, Public Safety Projects	282,806,076	192,514,845				33,741,845	65,535,000	51,200,000	23,375,000	18,663,000
Transit Projects:										
Dulles Corridor Metrorail Project - Non TIFIA Funding	300,000,000	60,000,000	A 2016	N/A	Not Required (2)	0	60,000,000	0	0	0
Metrorail Parking Garages	133,000,000	130,000,000	2016	N/A	Not Required (2)	40,000,000	50,000,000	40,000,000	0	0
Subtotal, Transit Projects	433,000,000	190,000,000				40,000,000	110,000,000	40,000,000	0	0
Road Projects:										
Allder School Road	5,617,000	5,617,000	A 2014	N/A	Not Required (2)	2,000,000	3,617,000	0	0	0
Belfort Area Road Improvements	8,000,000	4,000,000	A 2014	N/A	Not Required (2)	1,500,000	2,500,000	0	0	0
Crosstrail Blvd - Phases 1 and II	30,000,000	15,000,000	A 2016	N/A	Not Required (2)	12,000,000	3,000,000	0	0	0
Crosstrail Blvd - Phases III and IV	39,000,000	22,500,000	2019	N/A	Nov. 2018 (1)	0	0	0	7,500,000	15,000,000
Route 606 Widening	41,200,000	40,000,000	A 2014	N/A	Not Required (2)	10,000,000	10,000,000	20,000,000	0	0
Woodgrove HS/Fields Farm Park Road	3,815,000	3,815,000	A 2015	N/A	Not Required (2)	3,815,000	0	0	0	0
Belmont Ridge Road Improvements	3,180,000	3,180,000	A 2,014	3,180,000	Nov. 2013 (1)	3,180,000	0	0	0	0
Subtotal, Transportation Projects	130,812,000	94,112,000				32,495,000	19,117,000	20,000,000	7,500,000	15,000,000
SUBTOTAL - General Government	1,194,076,076	680,044,977				165,045,845	232,686,132	138,895,000	70,785,000	72,633,000
Notes on Amount to be Financed between FY 2016 - FY 2020										
A - Includes previously authorized, but unissued debt financing										
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Notes on Potential Referendum Dates and Projects:										
(1) General obligation bond financing requires referendum approval										
(2) May be issued through Capital Leases or Lease Revenue Bonds or Other Financing Sources										

Debt Service Fund

Schedule of Major Financings										
FY 2016 - FY 2020 Amended Capital Improvement Program										
Capital Projects and Leases To Be Financed						Anticipated Sale or Closing Dates and Amounts				
Financing Type/Project	Total Project	Amount to be Financed FY 2016-FY 2020	Construction Start Year	Amount of Referendum	Potential Referendum Date or Status	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
General Obligation Bonds or Appropriation-Based:										
School Administration Projects:										
School Vehicle Lease	50,000,000	50,000,000	2015	N/A	Not Required (2)	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Subtotal, Administration Projects	50,000,000	50,000,000				10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
ES-15, Frederick Douglass ES	27,820,000	603,056	A	2012	27,820,000	Nov. 2010	(1)	603,056	0	0
ES-16, Moorefield Station ES	26,330,000	318,000	A	2013	22,830,000	Nov. 2011	(1)	318,000	0	0
ES-21, Cardinal Ridge ES	28,820,000	620,000	A	2012	28,820,000	Nov. 2009	(1)	620,000	0	0
ES-22, Discovery ES	35,040,000	1,078,000	A	2015	31,540,000	Nov. 2014	(1)	0	1,078,000	0
ES-27, Dulles North Area	35,040,000	21,540,000	A	2015	31,540,000	Nov. 2014	(1)	10,000,000	6,430,000	0
ES-28, Dulles South Area	41,790,000	15,000,000	B	2019	41,790,000	Nov. 2018	(1)	0	0	5,000,000
ES-31, Dulles North Area	38,270,000	38,270,000	A	2016	38,270,000	Nov. 2015	(1)	1,915,000	10,000,000	16,000,000
Subtotal, Elementary School Projects	233,110,000	77,429,056						13,456,056	17,508,000	16,000,000
								20,465,000	10,000,000	0
Middle School Projects:										
MS-6, Trailside MS	43,760,000	5,470,000	A	2012	39,380,000	Nov. 2011	(1)	4,175,000	1,295,000	0
MS-7, Dulles South Area	58,500,000	60,840,000	A	2018	58,500,000	Nov. 2017	(1)	0	7,605,000	20,000,000
MS-9, Dulles North Area	53,540,000	38,185,000	A	2015	48,185,000	Nov. 2014	(1)	5,000,000	10,000,000	7,940,000
Subtotal, Middle School Projects	155,800,000	104,495,000						9,175,000	18,900,000	27,940,000
								35,245,000	13,235,000	0
High School Projects:										
HS-6, Rock Ridge HS	90,240,000	5,215,000	A	2013	81,215,000	Nov. 2012	(1)	5,215,000	0	0
HS-7, John Champe HS	105,310,000	5,685,000	A	2009	82,235,000	Nov. 2008	(1)	5,685,000	0	0
HS-8, Riverside HS	90,010,000	32,975,000	A	2012	81,010,000	Nov. 2011	(1)	15,000,000	9,555,000	8,420,000
HS-9, Dulles South Area	127,350,000	55,000,000	B	2014	127,350,000	Nov. 2013	(1)	0	0	10,000,000
HS-11, Dulles North Area	124,915,000	85,775,000	B	2017	112,725,000	Nov. 2016	(1)	3,045,000	0	9,140,000
Advance Technology Academy	114,640,000	77,720,000	A	2015	83,175,000	Nov. 2014	(1)	15,000,000	20,000,000	20,000,000
Freedom HS Addition	5,010,000	510,000	A	2014	4,510,000	Nov. 2013	(1)	510,000	0	0
Loudoun Valley HS Renovation	29,000,000	2,680,000	A	2013	26,115,000	Nov. 2012	(1)	2,680,000	0	0
Subtotal, High School Projects	731,835,000	265,560,000						47,135,000	29,555,000	47,560,000
								60,000,000	81,310,000	0
SUBTOTAL - Schools	1,170,745,000	497,484,056						79,766,056	75,963,000	101,500,000
								125,710,000	114,545,000	0
GRAND TOTAL	2,364,821,076	1,177,529,033						244,811,901	308,649,132	240,395,000
								196,495,000	187,178,000	0
Notes on Amount to be Financed between FY 2016 - FY 2020										
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(1) General obligation bond financing requires referendum approval										
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