

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

**SUBJECT:** Quarterly Report/Capital Improvement Projects – 1<sup>st</sup> Quarter, FY 2017

**ELECTION DISTRICT:** Countywide

**STAFF CONTACTS:** Joe Kroboth, III, 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 first quarter of FY 2017 and covers the months of July, August and September 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.

**NEW PROJECTS:** There were 14 new projects added to this report during the 1<sup>st</sup> Quarter of FY 2017.

Roads and Bridges:

- *Prentice Road* – This project provides for the design, right-of-way acquisition and construction of Prentice Drive from Lockridge Road (Route 789) to Shellhorn Road at its intersection with Metro Center Drive and Lockridge Road West between Waxpool Road and Prentice Drive.
- *Shaw Road* – This project provides for the design and construction of improvements to Shaw Road from the Sterling Technology property to the Dulles Electric Supply property in order to widen the road from two to four lanes, and to solve existing roadway drainage issues.
- *Shellhorn Road* – This project provides for the planning, design, and right-of-way acquisition for Shellhorn Road from Loudoun County Parkway to Moran Road. The project entails the construction of a four-lane roadway within a 120 foot right of way.

Sidewalks and Trails:

- *Town of Hamilton Pedestrian Improvements* – This project provides for drainage improvements and repair to the existing pedestrian sidewalks along Route 7 – Colonial Highway adjacent to the Town’s western limits.
- *Town of Middleburg Crosswalk* – This project provides crosswalk improvements to three intersections along Route 50 in the Town in order to improve pedestrian safety for shoppers and visitors in the Town’s business corridor.

Transit Projects:

- *Western Loudoun Park & Ride Lot* – This project provides for the design and construction of a minimum 250 space surface park and ride lot on a site adjacent to the proposed Fields Farm Park.

Interchanges and Intersections:

- *Braddock/Summerall/Supreme Intersection* – This project provides for the installation of a traffic signal and turn lanes at the intersection of Braddock Road (Route 620) and Supreme Drive (Route 1257)/Summerall Drive (Route 1258). The missing half-section of Braddock Road near the subject intersection will be widened from two lanes to four lanes. *Northstar Boulevard/Belmont Ridge Road Traffic Signal* – This project provides for the installation of a traffic signal with crosswalks and pedestrian signals at the intersection of Belmont Ridge Road (Route 659) and Northstar Boulevard.
- *Route 7/Battlefield Parkway Interchange* – This project provides for the planning, design, right-of-way acquisition and construction of an interchange at the intersection of Route 7 and Battlefield Parkway within the Town of Leesburg.

Public Safety Facilities:

- *Leesburg Volunteer Fire Company Renovation* – This project provides funding to construct an approximately 8,100 square foot expansion to the Leesburg Fire and Rescue Station #20.

Parks, Recreation and Culture Facilities:

*Ashburn Recreation & Community Center* – This project provides for the planning, designs and constructs a Recreation Center on an approximately 18 acre proffered site in the Ashburn Planning Subarea off of Belmont Ridge Road. *Ashburn Senior Center* – This project provides for the design and construction of a Senior Center of up to 15,000 square feet on a 5-acre proffered site in the Ashburn Planning Subarea. *Town of Round Hill Sleeter Lake Park* – This project provides for the construction of improvements to the existing road network and development of a new system of trails to facilitate the opening of Sleeter Lake Park.

General Government Facilities:

*Town of Hillsboro Wastewater System* – This project provides funding and project management support to assist with the installation of wastewater lines along Route 9 in conjunction with the Virginia Department of Transportation (VDOT) Traffic Calming and Pedestrian Safety Project.

**PROJECTS COMPLETED:** There were four projects completed during the 1<sup>st</sup> Quarter of FY 2017.

- *Brambleton District Park – West (September 2016)* – 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. In this quarter, the contractor achieved Substantial Completion on September 21, 2016. In the next quarter, punch list will be completed, Dominion Virginia Power will complete the installation of the site lighting in the parking area and the Department of Parks, Recreation and Community Services (PRCS) will complete irrigation system updates for the facility.
- *Gloucester Parkway (August 2016)* – 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 and was completed this quarter. A Ribbon Cutting was held on July 28, 2016 and the road opened to traffic on August 4, 2016.
- *Russell Branch Parkway – Ashburn Road to Ashburn Village Boulevard (August 2016)* – This project funds the design and construction for the missing segment of Russell Branch Parkway between Ashburn Road and Ashburn Village Boulevard. The project construction was completed this quarter with the roadway opening to traffic on August 2, 2016 and a Ribbon Cutting Ceremony held on September 7, 2016.
- *Sterling Boulevard Beautification (August 2016)* – This project installs landscaping along both sides of Sterling Boulevard between Route 7 and East Holly Avenue and is being administered by VDOT. The project scope also includes constructing sidewalk and crosswalk connections to provide safe pedestrian movements. Construction was completed this quarter (August 2016).

**PROJECT MILESTONES MET:** The following projects achieved significant milestones during the 1<sup>st</sup> Quarter of FY 2017:

- *Ashburn Senior Center (August 2016)* – This project provides for the design and construction of a Senior Center of up to 15,000 square feet on a 5-acre proffered site in the Ashburn Planning Subarea. In this quarter, a Purchase Order was issued on August 30, 2016 to a task order design consultant to begin facility planning and design.

*Claiborne Parkway (April 2016)* – This project constructs Claiborne Parkway as a four lane median divided road between Ryan Road and Croson Lane. In this quarter, Columbia Gas mobilized to the site and completed their gas line relocation work ahead of schedule. Additionally this quarter, a required value engineering study was prepared for VDOT approval and the Invitation for Bid (IFB) was drafted. Next quarter, the IFB will be issued and bids will be received. Construction will begin late winter 2017/early spring 2017 and is planned for a 16 month duration. Construction completion is planned for summer 2018.

- *Courts Phase III (August 2016)* – This project provides for the design and construction of a new 92,000 square foot courthouse building to house the General District Court and Court administrative support programs. In this quarter, the Leesburg Board of Architectural Review (BAR) issued its last Certificates of Appropriateness (COAs) on August 15, 2016. All Town legislative applications have been approved. In the next quarter, the courthouse building design will reach 75%. The courthouse design phase is anticipated for completion in spring 2017
- *Courts Phase III Structured Parking (September 2016)* – This project provides for the design of a new structured parking facility on the Pennington Lot to support the new General District Courthouse. Construction phase funding is included in the FY 2015 CIP. In this quarter, the IFB for construction was issued on September 1, 2016 and bids are due in October 2016. In the next quarter, the bids will be evaluated and a contract will be presented to the Finance/Government Operations and Economic Development Committee (FGOEDC) and Board of Supervisors (Board) for award.
- *Edgar Tillett Memorial Park (September 2016)* – This project provides funding to add a public restroom building, concessions, additional parking, trails and a playground to Edgar Tillett Memorial Park. In this quarter, the IFB was issued on August 19, 2016 and bids were received on September 26, 2016. In the next quarter, the bids will be evaluated and a contract will be presented to the FGOEDC)and Board for award. A six month construction duration is planned. Construction completion is planned for summer 2017 which is a delay based on the previously reported spring 2017 completion. The delay is based on the deferment of the bid for this project to follow the completion of Brambleton Park West.
- *E.E. Lake Store (September 2016)* – This project 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. An IFB was re-issued on March 8, 2016 and bids were received on April 13, 2016. In this quarter, the evaluation of the bids by the County and VDOT as required by the project's MAP-21 funding was completed. VDOT gave authorization to award the construction contract on September 19, 2016. In the next quarter, a contract will be presented to FGOEDC on October 11, 2016 and, upon approval, to the full Board for award. A nine month construction duration is planned. This project was previously reported with construction completion in fall 2016, however based on VDOT review of the bids, construction is now planned for completion in summer 2017.
- *Gloucester Parkway/Smith Switch Road/Ashby Ponds Boulevard Intersection (July, September 2016)* – This project includes the traffic signal warrant study, design and construction of a new traffic signal at Gloucester Parkway and Smith Switch Road/Ashby Ponds Boulevard. In this quarter, construction bids were received on July 28, 2016 and, at its September 6, 2016 Business Meeting, the Board approved the contract for B&B Signal. Additionally this quarter, pre-construction submittals were prepared and a Notice to

Proceed was issued on September 15, 2016. In the next quarter, borings and permit submissions will be completed and construction activities in the field will begin. Staff is working with the contractor for options to deliver the project sooner than the contract completion date. Construction phase completion is planned for spring 2017.

- *Kirkpatrick Fire and Rescue Station (July, August 2016)* – This project provides funding to design and construct a new 13,000 - 15,000 square foot Fire and 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. In this quarter, at its July 21, 2016 Meeting, the Board approved the construction contract award for Warner Construction in the amount of \$7,316,800. Additionally this quarter, pre-construction submittals were prepared, Notice to Proceed was issued on August 10, 2016, the contractor mobilized onsite, cleared the site and began utility infrastructure work. In the next quarter, utility infrastructure will continue, the building pad and foundations will be completed. A Ground Breaking Ceremony is planned for October 29, 2016. An approximately 15 month construction duration is planned with completion anticipated winter 2017.
- *Leesburg Volunteer Fire Company Renovations (August 2016)* – This project provides for the design and construction of an approximately 8,100 square foot expansion to the Leesburg Fire and Rescue Station #20. In this quarter, a Purchase Order was issued to task order design consultant, Samaha, on August 30, 2016 to initiate planning and design. In the next quarter, a meeting with the Leesburg Volunteer Fire Company will be held to review the project scope and discuss renovation concepts.
- *Loudoun County Parkway and Center Street Intersection (July, September 2016)* – 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. In this quarter, the IFB for construction was issued on July 5, 2016 and bids were received on August 4, 2016. As bids were within Purchasing Agent award authority, additionally this quarter, on September 9, 2016, a contract was executed with Arthur Construction Company, Inc. in the amount of \$259,272 and a Kick Off Meeting was held on September 9, 2016. In the next quarter, pre-construction submittals will be approved and a Notice to Proceed will be issued. Construction is planned for six months with completion planned for spring 2017.
- *Lovettsville District Park Road Improvements (July, September 2016)* – This project provides for the design and construction of intersection improvements to the East Broad Way, Lovettsville Road, and Milltown Road intersection adjacent to Lovettsville Park. The project also provides a right turn lane from Milltown Road to Lovettsville Road and from Milltown Road into the park. In this quarter, at its July 21, 2016 Meeting, the Board approved the contract award for construction for Jefferson Asphalt Products Company in the amount of \$1,090,434. Additionally this quarter, Dominion Virginia Power completed its relocation, a Kick Off Meeting was held, pre-construction submittals were prepared and Notice to Proceed (NTP) was issued on September 27, 2016. In the next quarter, the contractor will mobilize onsite, erosion and sediment controls measures will be installed

and Comcast coordination will begin. Construction is planned for approximately 6.5 months with completion planned for spring 2017.

- *Metro Parking Structures (September 2016)* – This project provide funding to construct commuter parking garages at the Loudoun Gateway and Ashburn stations along the Metrorail Silver Line. At its December 9, 2015 public hearing, the Board approved a Comprehensive Agreement with Comstock to construct and operate the Ashburn North commuter garage. In this quarter, the Board voted at its May 19, 2016 business meeting to terminate negotiations with Nexus Properties to deliver the Ashburn South and Loudoun Gateway commuter parking garages. The County is now pursuing a self-perform option through design-build procurement to construct the parking garages. In this quarter, a Request for Qualifications (RFQ) was issued on September 1, 2016 soliciting qualification packages from prospective design-build teams for the garage design-build contract. In the next quarter, the Proposal Analysis Group (PAG) will review the qualification packages and select the short-listed teams who will be issued the design-build Request for Proposal (RFP).
- *Mooreview Parkway (September 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 Ashburn Metrorail Station. In January 2016, the Board approved an agreement with Atapco Properties for Atapco to construct the Old Ryan Road portion of the project. William A. Hazel, Inc. is constructing the work for Atapco which is currently underway. In this quarter, Columbia Gas mobilized to the site and completed their gas line relocation work on schedule. Additionally this quarter, the IFB was finalized and issued on September 23, 2016. In the next quarter, bids will be received and contract award will be presented to the Board. A late winter 2017 construction start is planned for the road construction with a 12 month construction duration. Construction completion is planned for winter 2018, weather pending.
- *Northstar Boulevard and Belmont Ridge Road Signal (July 2016)* – This project provides funding for the installation of a traffic signal with crosswalks and pedestrian signals at the intersection of Belmont Ridge Road (Route 659) and Northstar Boulevard. In this quarter, the signal plan was approved by VDOT on July 13, 2016. In the next quarter, easements will be finalized, an IFB will be issued for signal construction and an item will be brought to the FGOEDC and Board for contract award.
- *Northstar Boulevard and Ryan Road (July, September 2016)* – This project includes the installation of a new traffic signal at Northstar Boulevard and Ryan Road. Under a proffer, the developer (Brambleton LLC) is responsible for building the turn lane associated with this project. The County is funding the traffic signal installation through a reimbursement agreement approved by the Board on July 21, 2016. VDOT approved traffic signal plans on October, 30, 2014; the plans were recently revised by Brambleton to phase construction of the turn lane. Installation of the traffic signal is expected to commence in September 2016; anticipated completion is January 2017. This is a delay from the previously reported

construction phase completion of fall 2016 and is due to the time to develop the agreement with Brambleton.

- *Potomac Green Community Park (July 2016)* – This project provides for the design and construction of the remainder of Potomac Green Community Park not constructed by the developer. In this quarter, the Site Plan Amendment was approved by Building and Development (B&D) on July 29, 2016. The design consultant, Gordon, is preparing final construction documents. In the next quarter, the construction documents will be finalized and an IFB will be prepared to bid the project. Project completion is anticipated in spring 2018.
- *Shaw Road (August 2016)* – This project provides for the design and construction of improvements to Shaw Road from the Sterling Technology property to the Dulles Electric Supply property in order to widen the road from two to four lanes, and to solve existing roadway drainage issues. In this quarter, a Purchase Order was issued on August 9, 2016 to task order design consultant, J2 Engineers, to initiate design of the drainage and roadway improvements. Utility designation and wetland investigations have been completed. Survey of the project corridor is ongoing. In the next quarter, survey work will be completed and design will begin. The design phase is anticipated to be completed in fall 2017.
- *Sterling Area Sidewalks (September 2016)* – The Board approved \$260,100 for sidewalk improvements in the Sterling area of Loudoun County. This project page reports on three segments of sidewalk improvements along Greenthorn Avenue, Sugarland Road, and Woodson Drive. Among the affected properties for the project's scope of work are four condominium associations which require different consideration for land acquisition process; staff continues to work with the County Attorney's Office to secure the right-of-way (ROW) along all three roadways. In this quarter, based on ROW acquisition completion for Sugarland Road and Woodson Drive, the IFB for the construction of the sidewalks along these two roads was issued on August 25, 2016. Bids were received on September 29, 2016 and are being evaluated. Additionally this quarter, ROW acquisition for Greenthorn Avenue continued. In the next quarter, land acquisition activities for Greenthorn Avenue will be completed and pricing for construction will follow. Additionally in the next quarter, a contract will be awarded for the construction of the sidewalks along Sugarland Road and Woodson Drive. The land acquisition phase for the Greenthorn Avenue sidewalk is anticipated to be completed by fall 2016 and, weather permitting, construction completion is planned for spring 2017.
- *Stone Ridge Park and Ride Lot (July, September 2016)* – 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. In this quarter, on July 21, 2016, the Board awarded a construction contract in the amount of \$3,372,742 to Phillips Construction LLC. Additionally, this quarter, pre-construction submittals were prepared and Notice to Proceed was issued on September 20, 2016. The County is anticipating the award of Interstate 66 Toll Lane revenues totaling \$1,120,000 for this project. The Commonwealth

Transportation Board (CTB) approved the funding award at its July 2016 meeting and the Northern Virginia Transportation Commission (NVTC) will approve the Standard Component Agreement (SCA) at its October 6, 2016 meeting. Once the County obtains official notification of receipt of the toll lane revenue funding, an amendment to the FY 2017 CIP and budget will be brought to the Board to appropriate the toll revenue funding for the Stone Ridge Park and Ride project. In the next quarter, the contractor will mobilize and will begin submittals, clearing and erosion and sediment controls. A nine month construction duration is planned with completion anticipated in summer 2017.

- *Tall Cedars Parkway – Pinebrook Road to Gum Spring Road (July, September 2016)* – This project designs and constructs the missing 4 lane segment of Tall Cedars Parkway between Pinebrook Road and Gum Spring Road. In this quarter, on July 21, 2016, the Board awarded a construction contract in the amount of \$7,498,475 to Phillips Construction LLC. Additionally this quarter, pre-construction submittals were prepared and Notice to Proceed was issued on September 20, 2016. In the next quarter, the contractor will mobilize and will begin submittals, clearing and erosion and sediment controls. A Ground Breaking ceremony is planned for October 18, 2016. An 18 month construction duration is planned with completion anticipated in spring 2018.
- *Town of Hamilton Pedestrian Improvements (September 2016)* – This project provides for drainage improvements and repair to the existing pedestrian sidewalks along Route 7 – Colonial Highway adjacent to the Town’s western limits. In this quarter, the Town of Hamilton executed an engineering contract on September 20, 2016 for the design phase of the project. In the next quarter, design will begin and a schedule for the design phase will be determined.
- *Waxpool Road – Unbridled Way to Faulkner Parkway (August 2016)* – The project funds the design and construction to widen Waxpool Road (Route 625) from Unbridled Way to Faulkner Parkway. 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, the final assignment of the utility easements were completed and utility relocation was underway. In the next quarter, the utility relocation work will be complete and the roadway contractor will remobilize to the site to recommence construction activities. Final paving, striping and punch list will complete the project, weather pending, spring or summer of 2017.
- *Western Loudoun Sheriff Station (September 2016)* – This project designs and constructs an 8,700 square feet Sheriff Station on a county-owned site adjacent to the Town of Round Hill to serve western Loudoun County. In this quarter, the contractor obtained a Certificate of Occupancy on July 14, 2016 and achieved Substantial Completion for the project on July 15, 2016; punch list work is ongoing. Additionally this quarter, installation of Furniture, Fixtures and Equipment (FFE) began including furniture and technology equipment and the Sheriff’s Office began to move operations to the facility. In the next

quarter, Final Completion will be achieved and full Sheriff's Office operations will begin with a Ribbon Cutting Ceremony planned for October 22, 2016.

- *Youth Shelter Renovation (June, September 2016)* – This project provides funding to renovate the original County Youth Shelter located at the Government Support Center site off of Sycolin Road in Leesburg. A contract was awarded to Sorenson Gross Company in June 2016. In this quarter, pre-construction submittals were prepared and Notice to Proceed was issued on September 15, 2016. In the next quarter, demolition, utilities interior partitions, floor patching and mechanical and sprinkler work will begin. An approximately 10 month construction duration is planned with completion scheduled for summer 2017.

**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:

- *Belmont Ridge Road at Truro Parish Drive Intersection* – This project designs a traffic signal to be installed at Belmont Ridge and Truro Parish Drive. 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 on February 14, 2012. Construction of the road widening project began June 2, 2014 and has encountered delays due to the following factors: plan revisions, utility relocation and acquisition of additional easements. Substantial completion of the road improvements was previously reported as August 2016; however, the developer has informed the County that both the road improvements and the traffic signal will be completed in October 2016. Therefore, in the next quarter, this traffic signal should be operational.
- *Edgar Tillett Memorial Park* – This project provides funding to add a public restroom building, concessions, additional parking, trails and a playground to Edgar Tillett Memorial Park. In this quarter, the IFB was issued on August 19, 2016 and bids were received on September 26, 2016. In the next quarter, the bids will be evaluated and a contract will be presented to the FGOEDC and Board for award. A six month construction duration is planned. Construction completion is planned for summer 2017 which is a delay based on the previously reported spring 2017 completion. The delay is based on the deferment of the bid for this project to follow the completion of Brambleton Park West.
- *E.E. Lake Store* – This project 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. An IFB was re-issued on March 8, 2016 and bids were received on April 13, 2016. In this quarter, the evaluation of the bids by the County and VDOT as required by the project's MAP-21 funding was completed. VDOT gave authorization to award the construction contract on September 19, 2016. In the next quarter, a contract will be presented to the FGOEDC on October 11, 2016 and, upon approval, to the full and Board for award. A nine month construction duration is planned. This project was previously reported with construction completion in fall 2016, however based on VDOT review of the bids, construction is now planned for completion in summer 2017.

- *Juvenile Detention Center* – This project designs and constructs a new 40-bed Juvenile Detention Center on the Government Support Center site off of Sycolin Road in Leesburg. In this quarter, the facility site was surveyed and the design team initiated Site Plan preparation. The building design is at approximately 60% complete. In the next quarter, the Site Plan will be submitted to Building and Development (B&D) and the building design will progress toward 75%. Design phase completion has been delayed from fall 2016 to summer 2017 due to delays by the Crosstrail Boulevard - Segment A1 contractor placing and compacting fill at the Juvenile Detention Center site and making it available for survey and geotechnical testing.
- *Public Safety Firing Range* – This project designs and constructs an indoor firing range facility to provide firearms training for public safety staff. In this quarter, the design consultant, Clark Nexsen, prepared the Firing Range Site Plan and submitted it to the Department of Transportation and Capital Infrastructure (DTCI) for review. In the next quarter, the Site Plan will be submitted to Building and Development (B&D) and road design plans will be submitted to the VDOT and B&D for a left turn lane addition on southbound Evergreen Mills Road to eastbound Shreve Mill Road as required by the facility's Special Exception (SPEX) Conditions of Approval. Completion of the design phase is delayed from fall 2016 to spring 2017 due to difficulties installing and testing the on-site drinking well needed for the facility water system design.
- *Route 7/Route 659 Interchange and Widening to Gloucester Parkway* – This project provides for the design and construction of an interchange at the intersection of Route 7 and Route 659 (Belmont Ridge Road). Utility relocation work began by Washington Gas in December 2014 and continues south of the interchange at Gloucester Parkway. Utility relocation work by Dominion Virginia Power and Verizon has followed. Shirley Contracting began work in September 2015, however delays in the utility relocation efforts are resulting in delays to roadway construction. In this quarter, the major utility relocations were completed and Shirley continued with fill operations, blasting for earthwork and bridge piles. Additionally this quarter, waterline installation work began and the project team continued to assess the impact of the utility delay and has reviewed options for recovery of the project schedule. In the next quarter, waterline work will continue, jack and bore activities under Route 7 will begin and bridge piles and abutments will be completed. Based on the delay of utilities relocation, as assessed by the project team, construction completion will be delayed from summer 2018 to late winter/early spring

2019. However, the team will continue to review opportunities to deliver the project closer to the original completion date.

- *Sterling Fire and Rescue Station Replacement* – This project provides funding to design and construct a new 22,000 square foot replacement station for the Sterling Volunteer Fire and Rescue Companies. 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. Since this process is taking longer than anticipated, design of the replacement station has been delayed. A design schedule will be established once an agreement is reached.
- *Sterling Library* – 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. Marion Construction, Inc. was awarded the construction contract in December 2015. In this quarter, electrical service connections were completed as was the installation of the roof curbs and the landlord-provided roof top air handling units were set in mid-September 2016. As a result, of these delays, the contractor has been awarded 79 additional days this quarter. In the next quarter, interior finishes installation will be underway. A previously reported delay in lease commencement directly delays the library opening from September 1, 2016 to October 15, 2016 per the lease. However, the overall project completion has been delayed to winter 2017. A 90 day period for Furniture, Fixture and Equipment (FFE) installation will follow.

**PROJECTS REQUIRING SUPPLEMENTAL FUNDING:** Two projects require supplemental funding.

- *Claiborne Parkway* – This project constructs Claiborne Parkway as a four lane median divided road between Ryan Road and Croson Lane. In this quarter, Columbia Gas mobilized to the site and completed their gas line relocation work ahead of schedule. Additionally this quarter, a required value engineering study was prepared for VDOT approval and the IFB was drafted. Next quarter, the IFB will be issued and bids will be received. A late winter 2017/early spring 2017 construction start is planned for the road construction. A 16 month construction duration is planned. Staff is reviewing state revenue sharing balances from other projects that may be available to cover this funding shortfall.
- *Scott Jenkins Memorial Park Phase II* – 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. In this quarter, bids were received on July 19, 2016 and all bids were above the available project budget. Based on the lowest responsible bid, approximately \$2.4 million is required to complete the full project scope. Since DTCI and Management and Budget staff have not been able to identify a source for

supplemental funding, DTCI is reviewing scope reduction options with the Department of Parks, Recreation, and Community Services.

**ISSUES:** Five issues 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 begun in the Spring of 2016, 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 is 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 1<sup>st</sup> Quarter, FY 2017 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 also show the fiscal year(s) in which the remaining authorized amount of debt is planned to be issued from the FY 2017 Board adopted debt schedule (April 2016); and how much is actually planned to be issued for the upcoming fall bond sale shown as FY 2017 actual; and any variances. This table does not show appropriations.

For the following projects included in the 1<sup>st</sup> Quarter Capital Projects Report, all of the authorized debt has been issued; and therefore they do not appear on the attached Debt Issuance Schedule:

Roads, Bridges and Interchanges:

- Belmont Ridge Road – Gloucester to Hay
- Belmont Ridge Road – Truro Parish to Croson
- Route 606 Widening
- Route 7/Route 659 Interchange and Widening to Gloucester

Public Safety:

- Aldie Fire & Rescue Station
- Ashburn Volunteer Fire & Rescue Station Renovation
- Ashburn Sheriff Station (Land Acquisition)
- Western Loudoun Sheriff Station

Parks, Recreation and Culture:

- Athletic Field Improvements
- Dulles South Multipurpose Center Phase 2 and 3
- Sterling Library

Health and Welfare:

- Round Hill Developmental Services Group Residence
- Youth Shelter Renovation

General Government:

- Consolidated Shops & Warehouse

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. Prior to any issuance of debt, the Department of Finance and Procurement meets with the Capital Budget Division within the Department of Management and Budget 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.

Land Acquisition Process: The County Attorney's Office and DTCI 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.

Capital Project Process and Procurement: In this quarter staff from the DTCI and Procurement appeared before the FGOEDC to discuss the processes for developing both facility and transportation capital projects. The discussion included a review of the state code provisions regarding the award of architecture and engineering services contracts.

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 \$116,597.546.

General Government (\$47,723,029):

1. Brambleton District Park – East
2. Franklin Park Rectangular Field Lighting Phase II
3. Mirror Ridge Group Residence
4. Pleasant Valley Drive & Braddock Road Intersection
5. Brockman Lane Emergency Gate
6. Brambleton District Park – West
7. Gloucester Parkway
8. Russell Branch Parkway
9. Sterling Boulevard Beautification

Schools (\$68,874,517):

1. Broad Run High School Renovation
2. Madison's Trust Elementary School (ES-27)
3. Potomac Falls High School Synthetic Turf
4. Potomac Falls High School Modular Classrooms
5. John Champe High School Modular Classrooms
6. Nightwatch Road Improvements (Belmont Station Elementary School)

**ATTACHMENTS:**

1. Capital Projects Quarterly Report
2. Correspondence to full Board on Capital Projects related information
3. Debt Issuance Schedule Information

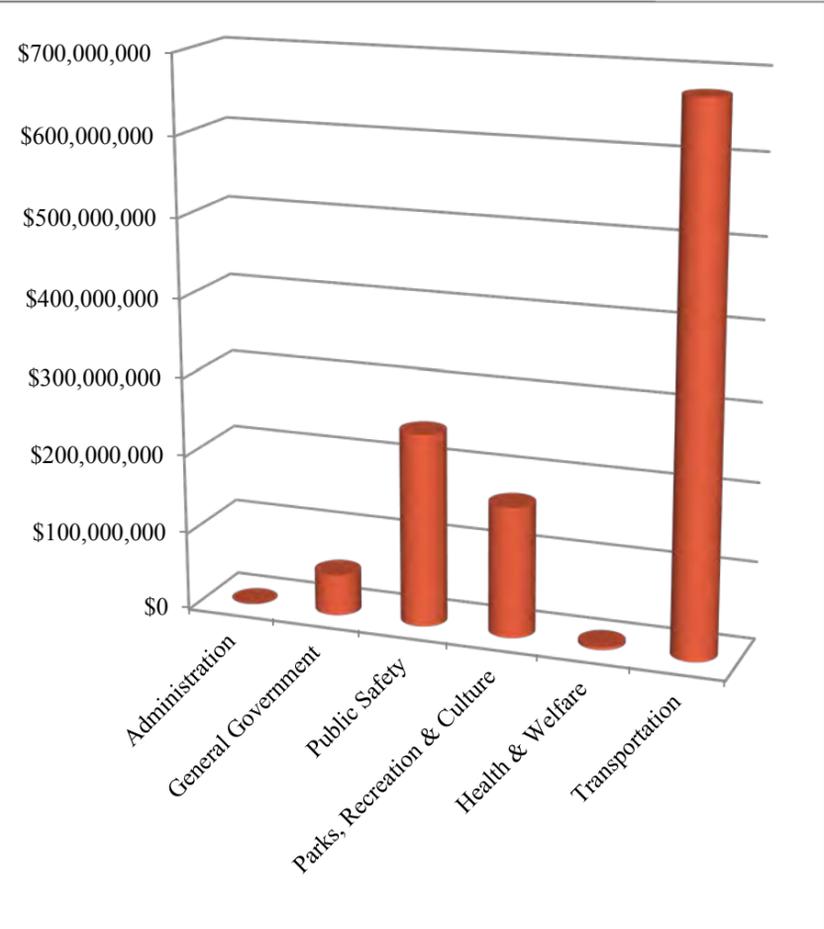


**PROJECT INFORMATION**

Project Report	<b>CAPITAL IMPROVEMENT PROGRAM - CAPITAL PROJECT REPORT</b>
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	1st Quarter FY 2017
Active Capital Project Budget Total	\$1,146,956,535
Department Director	Joe Kroboth, DTCI 703.771.5107 Joe.Kroboth@loudoun.gov
Capital Planning, Budget and Policy Division	Penny Newquist, DTCI 571.258.3333 Penny.Newquist@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**

<b>Current Active Capital Budgets by Functional CIP Area</b>	
Administration	\$0
General Government	\$52,867,950
Public Safety	\$246,965,240
Parks, Recreation & Culture	\$167,636,295
Health & Welfare	\$3,620,000
Transportation	\$675,867,050
<b>Total Active CIP Budgets:</b>	<b>\$1,146,956,535</b>
<b>Total Active CIP Projects:</b>	<b>228</b>



<b>Projects</b>	<b>Page</b>
Report Summary Cover Sheet	1
Table of Contents - Section 1	2
Table of Contents - Sections 2-4	3
Table of Contents - Section 5	4
Table of Contents - Section 6	5
Table of Contents - Section 7-8	6
<b>Section 1: Roads &amp; Bridges</b>	
Allder School Road Improvements	7
Belmont Ridge Road Improvements - Gloucester to Hay	8
Belmont Ridge Road Improvements - Truro Parish to Croson	9
Claiborne Parkway	10
Croson Lane - Old Ryan Road to Route 772 Metro Station	11
Crosstrail Boulevard - Segment A2	12
Crosstrail Boulevard - Segment B	13
Farmwell Road Widening - Smith Switch to Ashburn Road	14
George Washington Boulevard Overpass	15
Gloucester Parkway	16
Metro Parking Structures	17
Moorefield Boulevard - Croson Lane to Metro Center Drive	18
Mooreview Parkway	19
Northstar Boulevard - Route 50 to Tall Cedars Parkway	20
Northstar Boulevard - Shreveport Drive to Route 50	21
Prentice Road	22
Riverside Parkway - Lexington to Janelia Farm	23
Riverside Parkway - Loudoun County Parkway to Lexington	24
Route 15 Bypass at Edwards Ferry Road	25
Route 606 Widening	26
Route 772 Connector Bridge	27
Russell Branch Parkway - Ashburn Rd to Ashburn Blvd	28
Shaw Road	29
Shellhorn Road	30
Sterling Boulevard Extension	31
Tall Cedars Parkway - Pinebrook Road to Gum Spring Road	32
Waxpool Road - Unbridled Way to Faulkner Parkway	33
Waxpool Road at Pacific and Broderick	34
Woodgrove High School/Fields Farm Park Road	35

<b>TABLE OF CONTENTS:</b>	<b>Page</b>
<b>Section 2: Sidewalks &amp; Trails</b>	
Ashburn Road Sidewalks	36
Round Hill to Franklin Park Trail	37
Sterling Area Sidewalks	38
Sterling Boulevard Beautification	39
Sterling Boulevard Sidewalk	40
Town of Hamilton Pedestrian Improvements	41
Town of Middleburg Crosswalk	42
<b>Section 3: Transit Projects</b>	
Leesburg Park & Ride Lot	43
Stone Ridge Park & Ride Lot	44
Western Loudoun Park & Ride Lot	45
<b>Section 4: Interchanges &amp; Intersections</b>	
Belmont Ridge Road at Truro Parish Drive Intersection	46
Braddock/Summerall/Supreme Intersection	47
Edgewater Street and Poland Road Intersection	48
Gloucester Pkwy/Smith Switch Rd/Ashby Ponds Intersection	49
Loudoun County Parkway & Center Street Intersection	50
Northstar Boulevard and Belmont Ridge Road Traffic Signal	51
Northstar Boulevard and Ryan Road Intersection	52
Route 7/Ashburn Village Boulevard Interchange	53
Route 7/Battlefield Parkway Interchange	54
Route 7/Route 659 Interchange & Widening to Gloucester	55
Route 7/Route 690 Interchange	56
Tall Cedars Parkway and Poland Road Intersection	57
Traffic Signal Emergency Backup Power Systems	58
Waxpool Road & Loudoun County Parkway Intersection	59

**TABLE OF CONTENTS:**

**Page**

**Section 5: Public Safety Facilities**

Animal Services Facility	60
Aldie Fire & Rescue Station	61
Ashburn Volunteer Fire & Rescue Station Renovation	62
Ashburn Sheriff Station	63
Courts Phase III	64
Courts Phase III Structured Parking Facility	65
Fire & Rescue Training Prop Lots	66
Fire Station Alerting System	67
Juvenile Detention Center	68
Kirkpatrick Fire & Rescue Station	69
Leesburg Volunteer Fire Company Station Replacement	70
Lovettsville Fire Station Replacement	71
Lucketts Fire & Rescue Station Replacement	72
Public Safety Firing Range	73
Sterling Fire & Rescue Station Replacement	74
Traffic Signal Preemption Devices	75
Western Loudoun Sheriff Station	76

TABLE OF CONTENTS:	Page
<b>Section 6: Parks, Recreation &amp; Culture Facilities</b>	
Ashburn Recreation and Community Center	77
Ashburn Senior Center	78
Athletic Field Improvements	79
Bles Park Restrooms	80
Brambleton District Park (West)	81
Claude Moore Park Restrooms & Lights	82
Dulles South Multi-Purpose Center Phase II	83
Dulles South Multi-Purpose Center Phase III	84
Edgar Tillett Memorial Park	85
E. E. Lake Store	86
Fields Farm Park - ULYFL Stadium and Softball Field Lights	87
Franklin Park to Purcellville Trail	88
Hal & Berni Hanson Regional Park	89
Lovettsville Community Center	90
Lovettsville District Park Road Improvements	91
Lovettsville District Park	92
Lyndora Park Restrooms	93
Moorefield Station Community Park	94
Potomac Green Community Park	95
Scott Jenkins Memorial Park - Phase II	96
Sterling Community Center	97
Sterling Library	98
Town of Round Hill - Sleeter Lake Park	99
Trailside Park Restrooms	100
Woodgrove Park Restrooms	101

<b>TABLE OF CONTENTS:</b>	<b>Page</b>
<b>Section 7 : Health &amp; Welfare Facilities</b>	
Round Hill Developmental Services Group Residence	102
Youth Shelter Renovation	103
<b>Section 8: General Government Facilities</b>	
Consolidated Shops & Warehouse	104
Howardsville Community Wastewater System	105
Landfill Reclamation Project	106
Town of Hillsboro Wastewater System	107
Town of Hillsboro Water System	108
Waterford Mill Restoration	109
Willisville Community Wastewater System	110

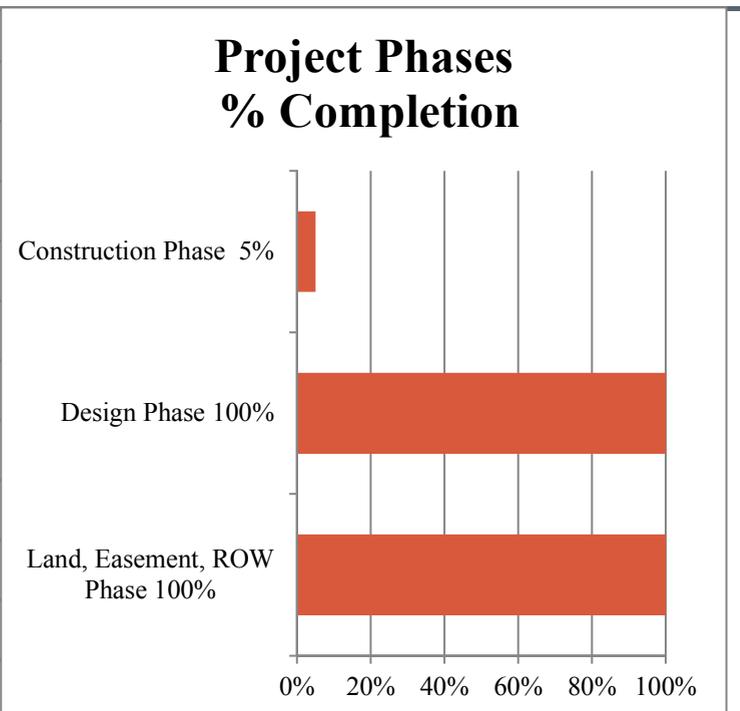


**PROJECT INFORMATION**

Project Name	<b>ALLDER SCHOOL ROAD IMPROVEMENTS</b>
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**

<b>Budget</b>	
Design	\$1,233,425
Construction	\$6,711,125
FFE	\$0
Land	\$451,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$8,395,550</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	5%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Summer 2018</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$6,617,000
Local Tax Funding	\$1,778,550
<b>Total Revenue</b>	<b>\$8,395,550</b>



**Project Status Update:**

In this quarter, negotiations continued with Dominion to determine the extent of electrical relocation work to be done by Dominion and the amount to be done by the road construction contractor. Additionally this quarter, Verizon completed their relocation work and the Invitation for Bid (IFB) was drafted. In the next quarter, an item will be presented to the Finance/Government Operations and Economic Development Committee (FGOEDC) regarding the contract with Dominion. Upon approval, the IFB for road construction will be issued in Fall 2016. The construction phase is anticipated to be complete by Summer 2018.

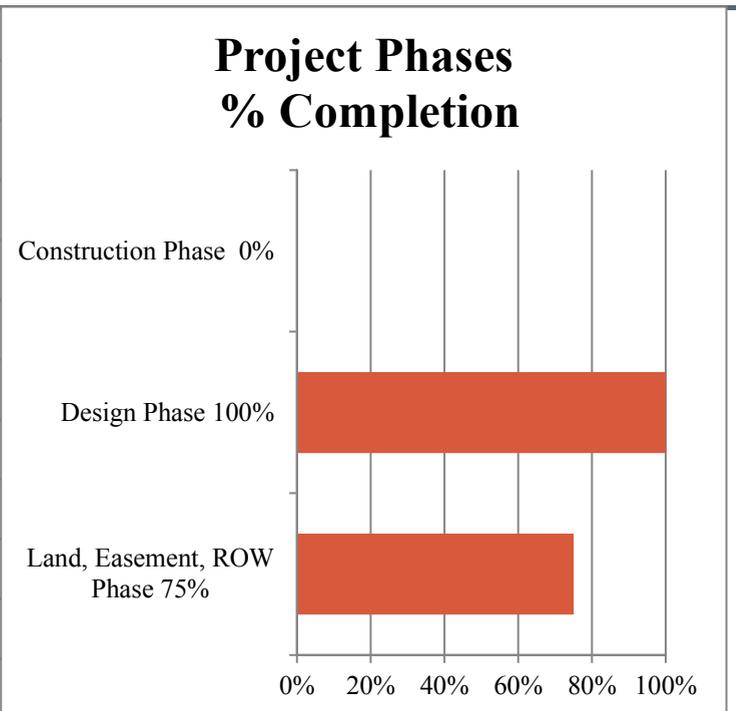


**PROJECT INFORMATION**

Project Name	<b>BELMONT RIDGE ROAD IMPROVEMENTS - GLOUCESTER TO HAY</b>
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**

<b>Budget</b>	
Design	\$2,100,000
Design/Build	\$58,930,800
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$61,030,800</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	75%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Design/Build Completion:</b>	<b>Fall 2018</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$2,100,000
Local Tax Funding	\$26,015,000
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
<b>Total Revenue</b>	<b>\$61,030,800</b>



**Project Status Update:**

This is a VDOT Administered design-build project awarded to the Dewberry/Shirley Contracting team. In this quarter, final design plans were approved and permitting and right-of-way (ROW) acquisition continued. In the next quarter, ROW activities will continue, utility relocation will begin as will clearing, grubbing, signage and maintenance of traffic (MOT) activities. The ground breaking ceremony was held on September 27, 2016. Additionally next quarter, grading and the northbound bridge construction will begin. Construction completion is planned for Fall 2018 (December 2018).

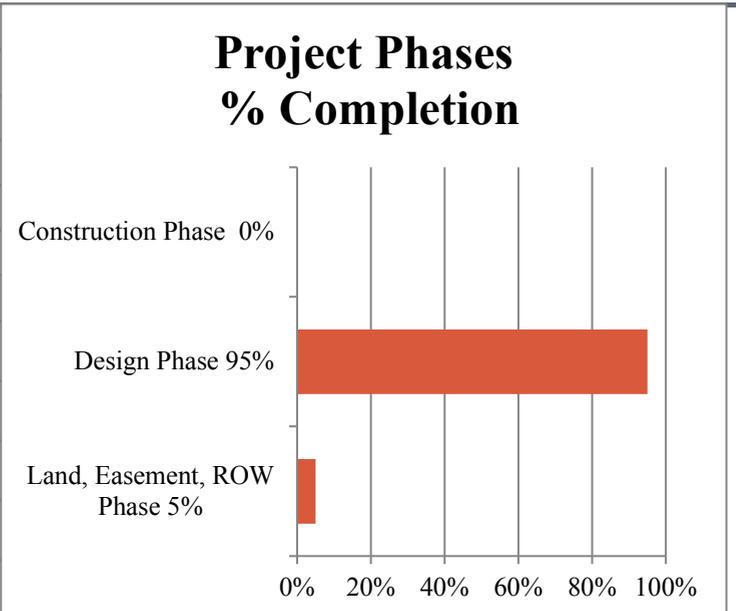


**PROJECT INFORMATION**

Project Name	<b>BELMONT RIDGE ROAD IMPROVEMENTS TRURO PARISH TO CROSON</b>
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**

<b>Budget</b>	
Design	\$2,229,900
Construction	\$18,933,100
FFE	\$0
Land	\$1,700,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$22,863,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 5%	5%
Design Phase 95%	95%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
GO Bonds	\$1,080,000
Local Tax Funding	\$1,000,000
Cash Proffers	\$1,283,000
NVTA 70% (Regional)	\$19,500,000
<b>Total Revenue</b>	<b>\$22,863,000</b>



**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 the Virginia Department of Transportation (VDOT), the signal will be constructed ahead of the road improvements. In April 2016, the Board approved the contract award for the signal construction to Ardent Company, LLC. In this quarter, signal permit applications and submittals to VDOT for permitting have been made and are pending final approval. In the next quarter, conduit, foundations and signal installation will be complete, weather pending. For the road improvements, the Department of Transportation and Capital Infrastructure (DTCI) staff and the design consultant, Dewberry, continue to coordinate utility relocation design with Dominion Power and Verizon. Dewberry is also updating the plans and preparing responses to VDOT's and Building & Development's (B&D's) 90% design plan comments. All easement and dedication plats have been submitted to B&D and Dewberry is addressing their comments. DTCI staff and Dewberry continue to communicate with affected HOAs on right of way acquisition. In the next quarter, the design will continue toward 100%, utility relocation coordination will continue, and land acquisition discussions will continue with affected property owners. Completion of the design phase is anticipated for Fall 2016.

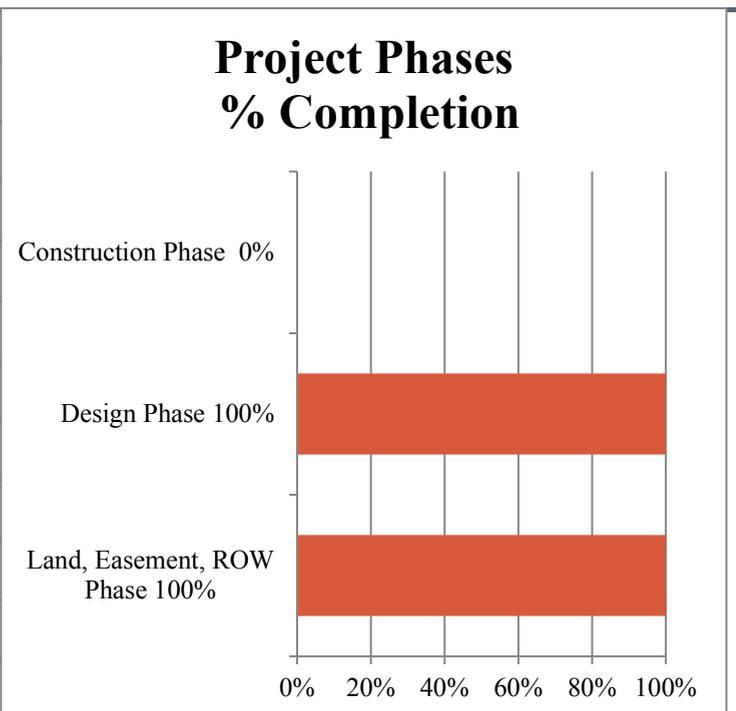


**PROJECT INFORMATION**

Project Name	<b>CLAIBORNE PARKWAY</b>
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, 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	Dulles
Supervisor	Letourneau

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$716,500
Construction	\$6,912,170
FFE	\$0
Land	\$156,780
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$7,785,450</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Construction Completion:</b>	<b>Summer 2018</b>
<b>Project Revenue(s)</b>	
State Revenue Sharing	\$3,400,000
Gas Tax	\$3,400,000
Cash Proffers	\$985,450
<b>Total Revenue</b>	<b>\$7,785,450</b>



**Project Status Update:**

In this quarter, Columbia Gas mobilized to the site and completed their gas line relocation work ahead of schedule. Additionally this quarter, a required value engineering study was prepared for VDOT approval and the Invitation for Bid (IFB) was drafted. Next quarter, the IFB will be issued and bids will be received. Construction will begin late Winter 2017/early Spring 2017 and is planned for a 16 month duration. Construction completion is planned for Summer 2018.

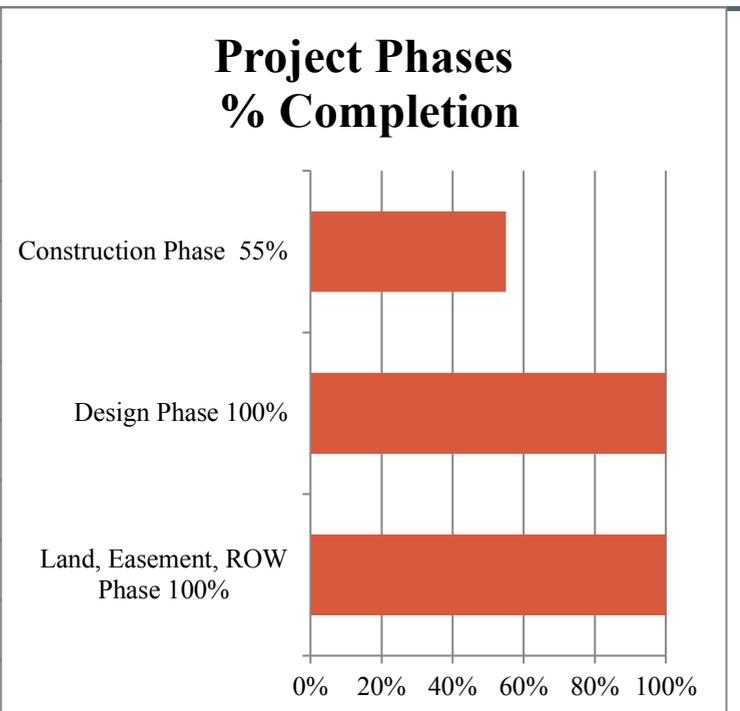


**PROJECT INFORMATION**

Project Name	<b>CROSON LANE - OLD RYAN ROAD TO ROUTE 772 METRO STATION</b>
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**

<b>Budget</b>	
Design	\$433,600
Construction	\$5,219,900
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$5,653,500</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	55%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$200,000
Local Tax Funding-Roads	\$600,000
Cash Proffers	\$4,853,500
<b>Total Revenue</b>	<b>\$5,653,500</b>



**Project Status Update:**

William A. Hazel, Inc. began construction in December 2015. In this quarter, earthwork continued as did underground utility work. In the next quarter, curb and gutter work will begin along with stone base installation and base paving for the roadway, weather permitting. Construction completion is anticipated for Spring 2017.

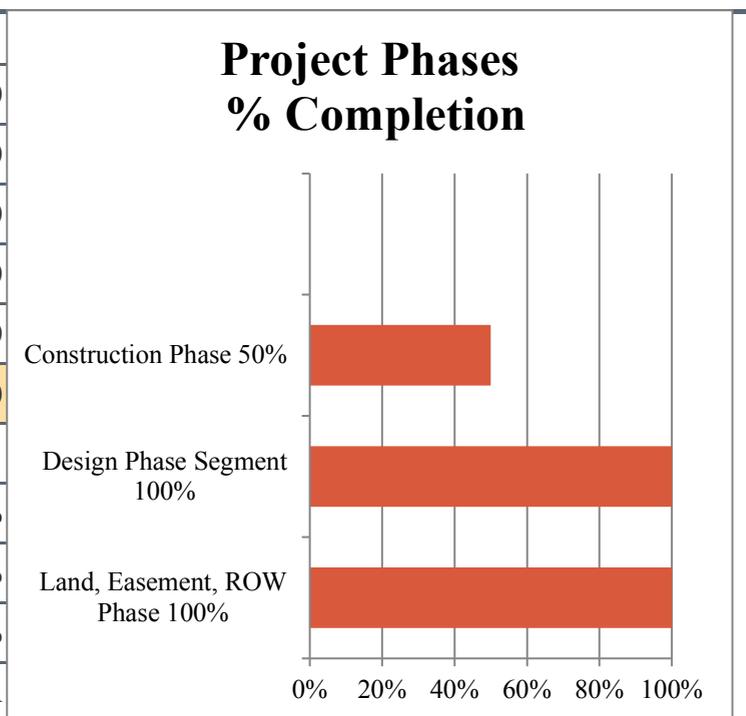


**PROJECT INFORMATION**

Project Name	<b>CROSSTRAIL BOULEVARD - SEGMENT A2</b>
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**

<b>Budget*</b>	
Design	\$1,584,000
Construction	\$16,847,420
FFE	\$0
Land	\$1,327,080
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$19,758,500</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase Segment	100%
Construction Phase	50%
FFE Phase	N/A
<b>Construction Completion:</b>	<b>Summer 2018</b>
<b>Project Revenue(s)*</b>	
Lease Revenue Financing	\$18,164,000
NVTA 70% Local Funds	\$1,594,500
<b>Total Revenue</b>	<b>\$19,758,500</b>



**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 and includes installation of an 84" structure. In the next quarter, blasting and mass excavation will continue through early Spring 2017. Construction completion is anticipated for Summer 2018.

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

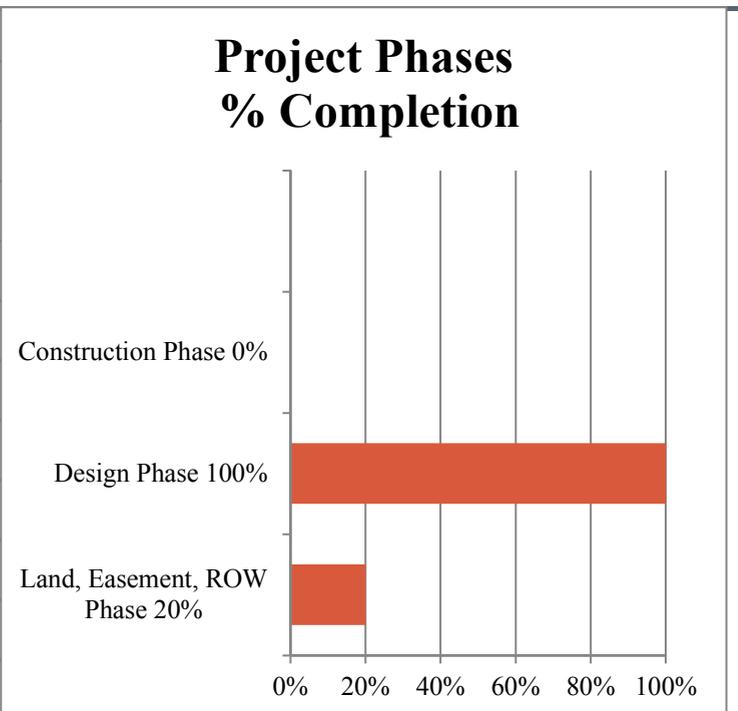


**PROJECT INFORMATION**

Project Name	<b>CROSSTRAIL BOULEVARD - SEGMENT B</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 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**

<b>Budget*</b>	
Design	\$0
Construction	\$0
FFE	\$0
Land	\$2,000,000
Profferd Land	\$0
<b>Total Project Cost:</b>	<b>\$2,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	20%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Land Acquisition Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)*</b>	
Lease Revenue Financing	\$0
Local Tax Funding	\$2,000,000
<b>Total Revenue</b>	<b>\$2,000,000</b>



**Project Status Update:**

The Memorandum of Agreement (MOA) between the Tuscarora Crossing applicant, Hunter Lee Center and the Loudoun County Zoning Administrator outlining Hunter Lee Center's proffer obligation to acquire right-of-way for this section of Crosstrail Boulevard was amended on August 26, 2016 extending the period Hunter Lee Center will attempt to acquire right-of-way until December 1, 2016. In this quarter, the road plans received conditional approval by the Town of Leesburg and were approved by Building & Development (B&D) on August 26, 2016. Department of Transportation and Capital Infrastructure (DTCI) staff is working with Hunter Lee Center representative to assist in right-of-way acquisition. In the next quarter, DTCI staff will continue to work with Hunter Lee Center on right-of-way acquisition, with an anticipated completion in Fall 2016.

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

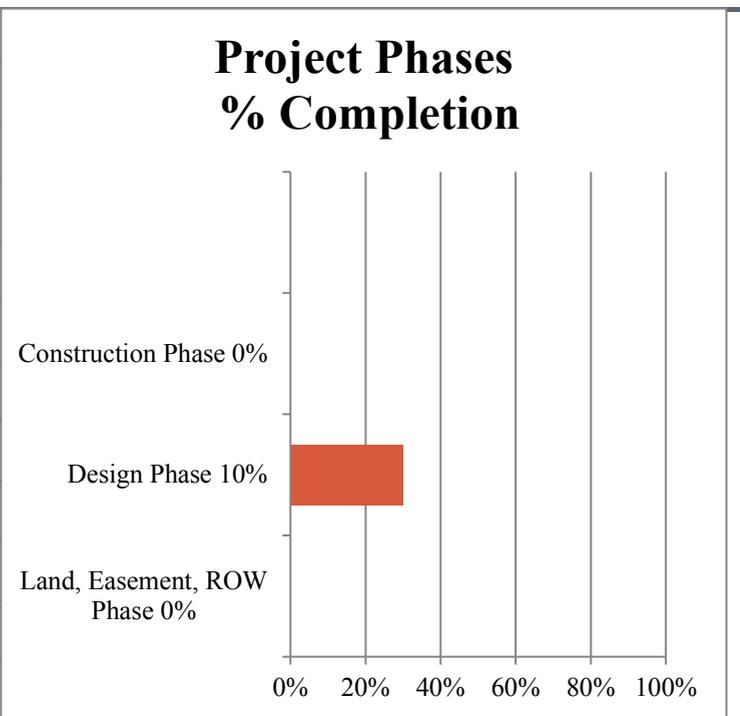


**PROJECT INFORMATION**

Project Name	<b>FARMWELL ROAD WIDENING - SMITH SWITCH TO ASHBURN ROAD</b>
Project Description	This project provides for the design, right-of-way 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**

<b>Budget*</b>	
Design	\$2,468,860
Construction	\$5,145,140
FFE	\$0
Land	\$250,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$7,864,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 10%	30%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Winter 2018</b>
<b>Project Revenue(s)*</b>	
Revenue Sharing	\$3,500,000
NVTA 30% (Local)	\$3,500,000
Cash Proffers	\$864,000
<b>Total Revenue</b>	<b>\$7,864,000</b>



**Project Status Update:**

In this quarter, the design consultant, Wallace Montgomery, prepared and submitted 30% design plans to the Virginia Department of Transportation (VDOT) and Building and Development (B&D) on September 2, 2016. At the Board or Supervisor's September 22, 2016 business meeting, Department of Transportation and Capital Infrastructure (DTCI) staff presented the results of the Estate Place and Farmwell Road safety study in response to the Board's March 17, 2016 request. In the next quarter, Wallace Montgomery will continue development of the design plans and DTCI staff will schedule a public information meeting on the project. Completion of the design phase is anticipated for Winter 2018.

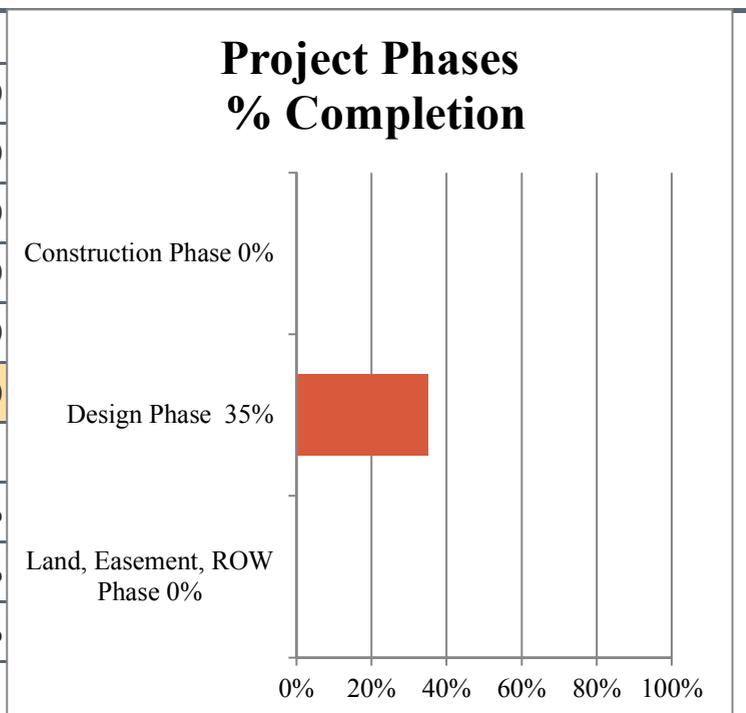


**PROJECT INFORMATION**

Project Name	<b>GEORGE WASHINGTON BOULEVARD OVERPASS</b>
Project Description	This project provides for the design, right-of-way 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
Supervisor	Volpe

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$2,367,100
Construction	\$0
FFE	\$0
Land	\$3,132,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$5,499,100</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	35%
Construction Phase	0%
<b>Design Phase Completion:</b>	<b>Spring 2018</b>
<b>Project Revenue(s)</b>	
RSTP Grant	\$5,499,100
<b>Total Revenue</b>	<b>\$5,499,100</b>



**Project Status Update:**

This is a Virginia Department of Transportation (VDOT) administered design-bid-build project. The project is in the design phase and is 35% complete. In this quarter, the design plans were prepared for the Design Public Hearing (DPH). In the next quarter, the draft environmental assessment is expected and the DPH will be held on December 6, 2016. The design phase completion is planned for Spring 2018.

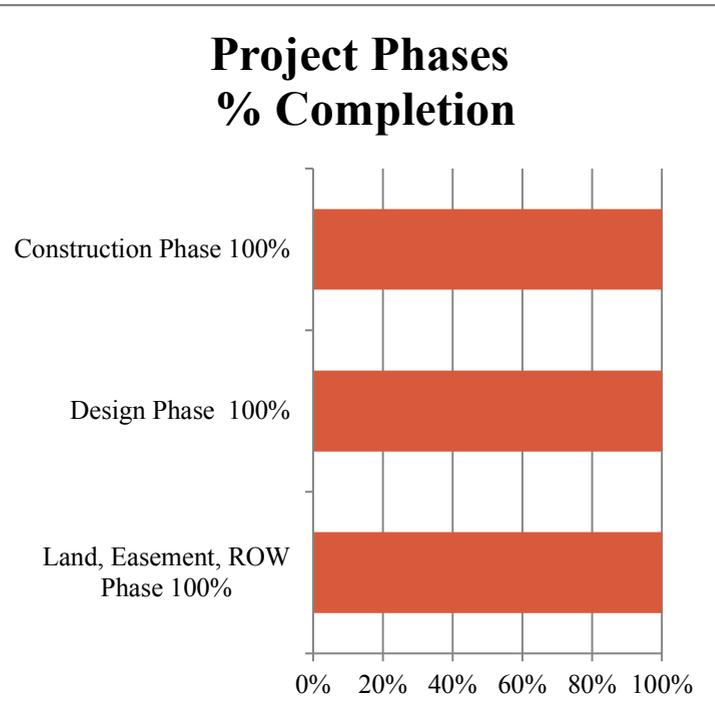


**PROJECT INFORMATION**

Project Name	<b>GLOUCESTER PARKWAY</b>
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**

<b>Budget</b>	
Design	\$0
Construction	\$31,000,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$31,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 100%	100%
<b>Construction Phase Completion:</b>	<b>Summer 2016</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$31,000,000
<b>Total Revenue</b>	<b>\$31,000,000</b>



**Project Status Update:**

This is a VDOT Administered project awarded to the design-build team of Dewberry/Shirley Contracting and construction is completed. A Ribbon Cutting was held on July 28, 2016 and the road opened to traffic on August 4, 2016.

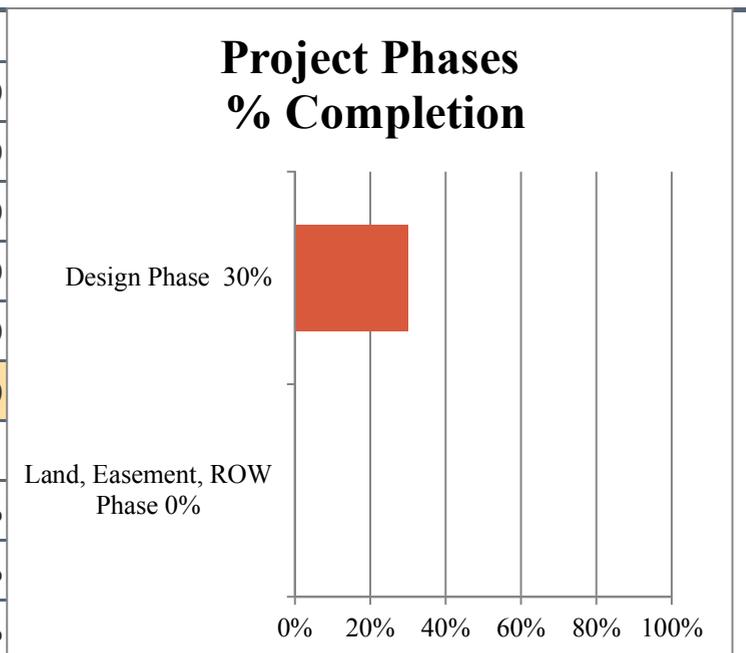


**PROJECT INFORMATION**

Project Name	<b>METRO PARKING STRUCTURES</b>
Project Description	This project provides funding to construct commuter parking garages at the Loudoun Gateway and Ashburn stations along the Metrorail Silver Line.
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**

<b>Budget</b>	
Design	\$2,981,800
Construction	\$130,018,200
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$133,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 30%	30%
Construction Phase 0%	0%
<b>Design-Build Procurement Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$3,000,000
Lease Revenue Bonds	\$130,000,000
<b>Total Revenue</b>	<b>\$133,000,000</b>



**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 commuter garage. The Board voted (8-0-1) at its May 19, 2016 business meeting to terminate negotiations with Nexus Properties to deliver the Ashburn South and Loudoun Gateway commuter parking garages and have County staff proceed with self-performing the projects using design-build procurement. In this quarter, Department of Transportation and Capital Infrastructure (DTCI) and the design consultant, Grimm and Parker, prepared and submitted a site plan to Building and Development (B&D) for the Ashburn South parking garage on August 4, 2016. Grimm and Parker is currently working on a site plan for the Loudoun Gateway parking garage to be submitted to the Metropolitan Washington Airport Authority (MWAA). Procurement issued a Request for Proposals (RFP) for Independent Quality Assurance Sampling and Testing on August 25, 2016 and a Request for Qualifications (RFQ) for the Design-Build contract on September 1, 2016. Pre-proposal meetings were held for both solicitations. In the next quarter, the Loudoun Gateway parking garage site plan will be submitted to MWAA and proposals for both solicitations will be received and reviewed by the Proposal Analysis Groups (PAGs). Award of a design-build contract is planned in Spring 2017 as well as site plan approvals. Construction completion of the parking garages is anticipated in Summer 2019.

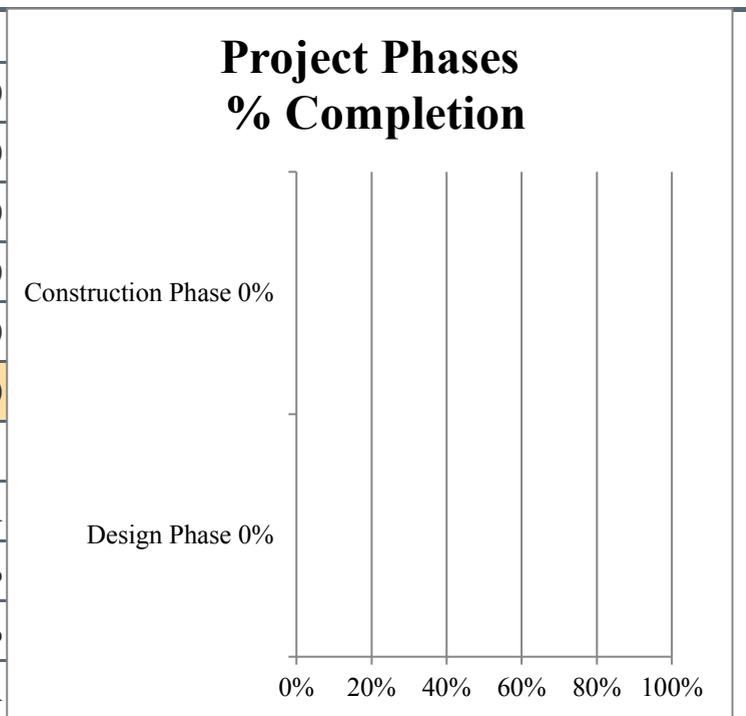


**PROJECT INFORMATION**

Project Name	<b>MOOREFIELD BOULEVARD - CROSON LANE TO METRO CENTER DRIVE</b>
Project Description	This project provides for the planning, design, right-of-way 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**

<b>Budget</b>	
Design	\$0
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$0</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Phase Completion:</b>	
<b>Project Revenue(s)</b>	
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.

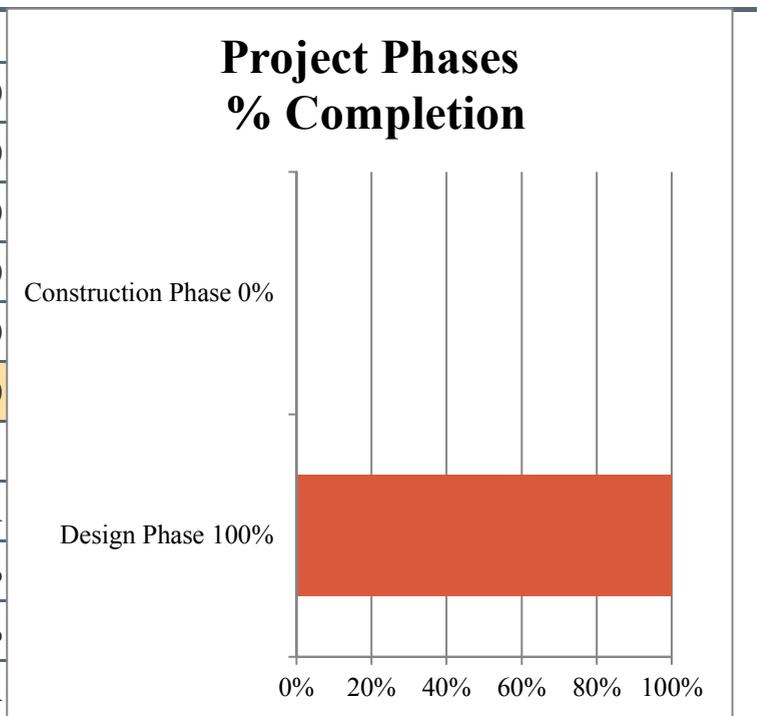


**PROJECT INFORMATION**

Project Name	<b>MOOREVIEW PARKWAY</b>
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 Ashburn 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	McKinley Jones, DTCI 571-258-3611 McKinley.Jones@loudoun.gov
Election District	Dulles
Supervisor	Letourneau

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$694,250
Construction	\$8,984,350
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$9,678,600</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Winter 2018</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$7,554,000
Gas Tax	\$1,800,000
NVTA 30% (Local)	\$324,600
<b>Total Revenue</b>	<b>\$9,678,600</b>



**Project Status Update:**

In January 2016, the Board of Supervisors approved an agreement with Atapco Properties for Atapco to construct the Old Ryan Road portion of the project. William A. Hazel, Inc. is constructing the work for Atapco which is currently underway. In this quarter, Columbia Gas mobilized to the site and completed their gas line relocation work on schedule. Additionally this quarter, the Invitation for Bid (IFB) was finalized and issued on September 23, 2016. In the next quarter, bids will be received and contract award will be presented to the Board of Supervisors. A late Winter 2017 construction start is planned for the road construction with a 12 month construction duration. Construction completion is planned for Winter 2018, weather pending.

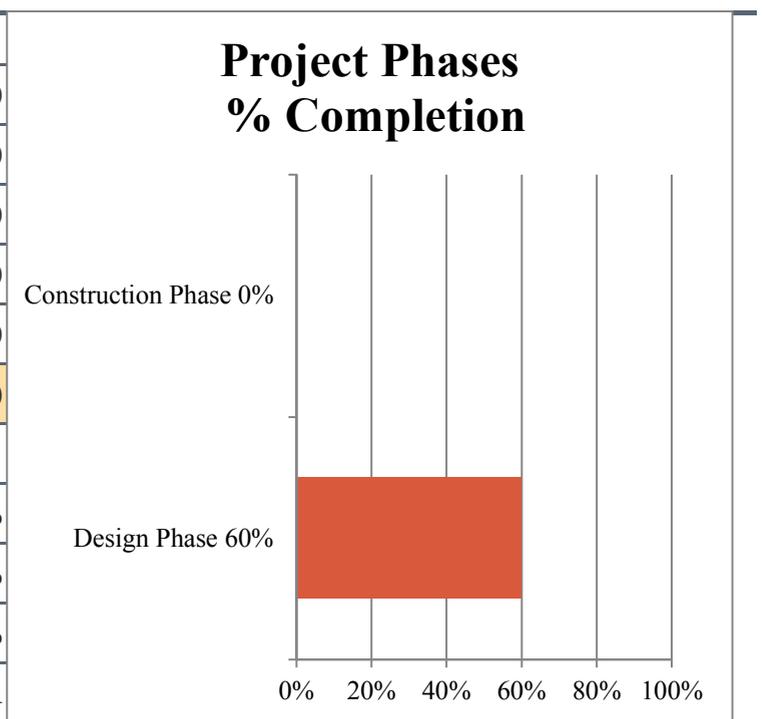


**PROJECT INFORMATION**

Project Name	<b>NORTHSTAR BOULEVARD - ROUTE 50 TO TALL CEDARS PARKWAY</b>
Project Description	This project provides for the planning, design, right-of-way acquisition and construction of a minor arterial roadway from John Mosby Highway (Route 50) to Tall Cedars
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**

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



**Project Status Update:**

In this quarter, the Board of Supervisor's at its July 21, 2016 business meeting endorsed the proposed roadway alignment. Based on the Board's endorsement, the Department of Transportation and Capital Infrastructure (DTCI) submitted a letter to the Virginia Department of Transportation (VDOT) on July 25, 2016 outlining the recommendations from VDOT's value engineering study the County will incorporate into the design. DTCI staff and the design engineer, J2 Engineers, met with commercial property owners to initiate discussions on right of way acquisition. In the next quarter, a meeting with utility providers will be held to initiate the utility relocation process, right of way acquisition discussions will continue, and J2 Engineers will continue progressing the design plans. The anticipated date for design completion is Winter 2017.

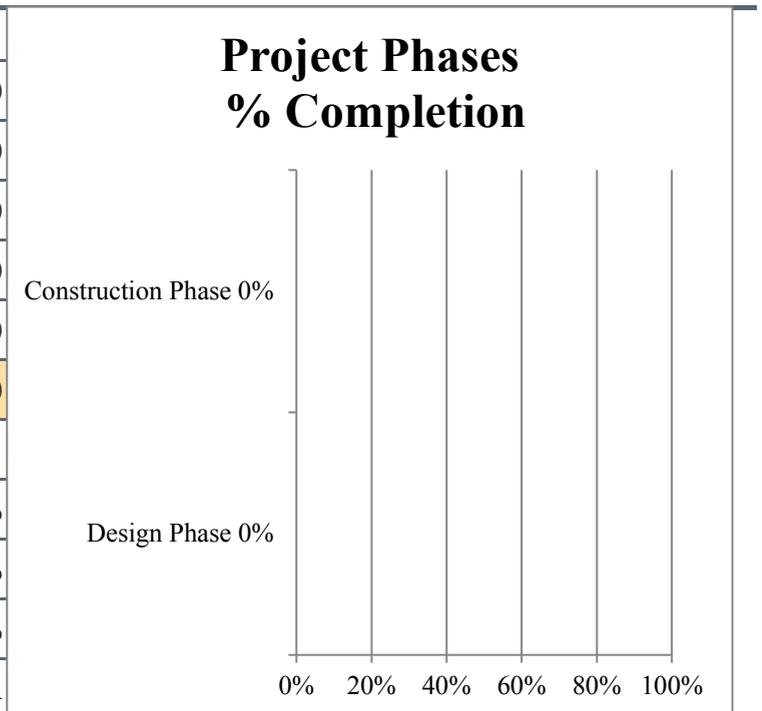


**PROJECT INFORMATION**

Project Name	<b>NORTHSTAR BOULEVARD - SHREVEPORT DRIVE TO ROUTE 50</b>
Project Description	This project provides for the planning, design, right-of-way 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**

<b>Budget</b>	
Design	\$5,200,000
Construction	\$5,300,000
FFE	\$0
Land	\$10,959,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$21,459,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$3,300,000
Revenue Sharing	\$8,200,000
NVTA 70% (Regional)	\$204,000
NVTA 30% (Local)	\$9,755,000
<b>Total Revenue</b>	<b>\$21,459,000</b>



**Project Status Update:**

In this quarter, Department of Transportation and Capital Infrastructure (DTCI) staff re-evaluated procurement options for design services and decided to incorporate all the design phases into one design Request for Proposal (RFP) instead of using a task order consultant to develop roadway alignment options prior to issuing the design RFP. In the next quarter, the design RFP will be developed and issued.

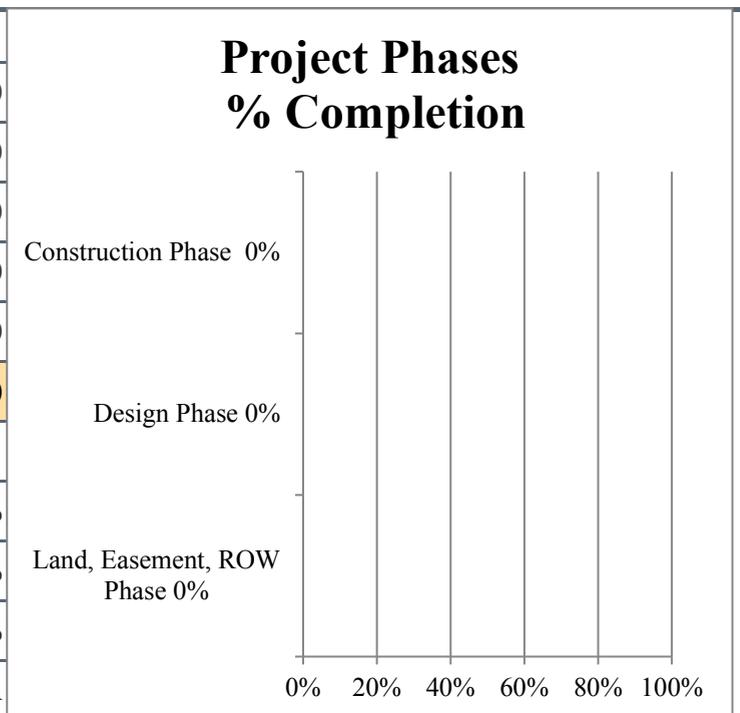


**PROJECT INFORMATION**

Project Name	<b>PRENTICE ROAD</b>
Project Description	This project provides for the design, right-of-way acquisition and construction of Prentice Drive from Lockridge Road (Route 789) to Shellhorn Road at its intersection with Metro Center Drive and Lockridge Road West between Waxpool Road and Prentice Drive.
Project Type	Roads & Bridges
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**

<b>Budget</b>	
Design	\$6,000,000
Construction	\$0
FFE	\$0
Land	\$3,000,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$9,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$9,000,000
<b>Total Revenue</b>	<b>\$9,000,000</b>



**Project Status Update:**

In this quarter, the Department of Transportation and Capital Infrastructure initiated the development of a Request for Proposal (RFP) to procure engineering services to design the Prentice Road improvements. In the next quarter, the RFP will be finalized and issued.

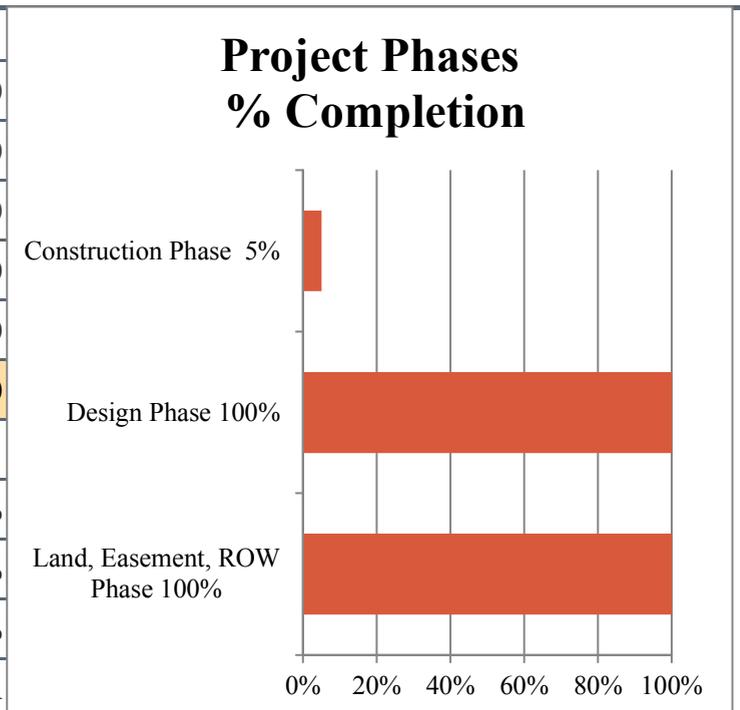


**PROJECT INFORMATION**

Project Name	<b>RIVERSIDE PARKWAY - LEXINGTON DRIVE TO JANELIA FARM</b>
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**

<b>Budget</b>	
Design	\$350,000
Construction	\$3,400,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$3,750,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 5%	5%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Summer 2018</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$3,750,000
<b>Total Revenue</b>	<b>\$3,750,000</b>



**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, construction was initiated by Shirley Construction. In the next quarter, construction will continue in coordination with the overall Route 7/Ashburn Village Boulevard interchange project. Completion of the overall project is anticipated Summer 2018.

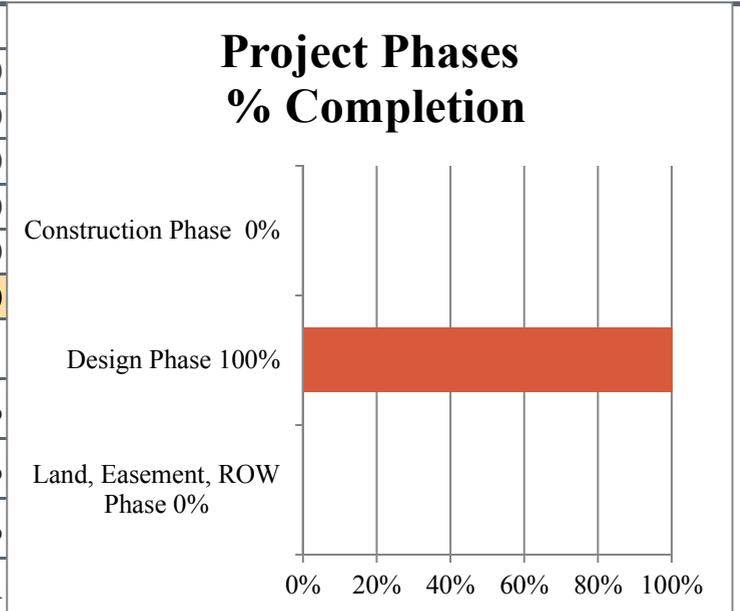


**PROJECT INFORMATION**

Project Name	<b>RIVERSIDE PARKWAY - LOUDOUN COUNTY PARKWAY TO LEXINGTON</b>
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**

<b>Budget</b>	
Design	\$1,625,700
Construction	\$12,070,700
FFE	\$0
Land	\$1,500,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$15,196,400</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$1,784,100
Revenue Sharing	\$7,412,300
NVTA 30% (Local)	\$6,000,000
<b>Total Revenue</b>	<b>\$15,196,400</b>



**Project Status Update:**

In this quarter, the design consultant, Rinker Design Associates (RDA), submitted 100% road plans to the Virginia Department of Transportation (VDOT) and Building and Development (B&D) on September 16, 2016 and submitted draft easement and dedication plats to Building and Development (B&D) on September 22, 2016. Department of Transportation and Capital Infrastructure (DTCI) staff and RDA continued discussions with Dominion Power, Verizon, and Loudoun Water to coordinate utility relocation designs within the road corridor. 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 County also continued discussions with VDOT regarding the use of revenue sharing funds for the water line portion of the project. The water line design is at approximately 60%. In the next quarter, DTCI anticipates receiving VDOT and B&D comments to the 100% plans and commencing land acquisition. Completion of the design phase is planned for Fall 2016.

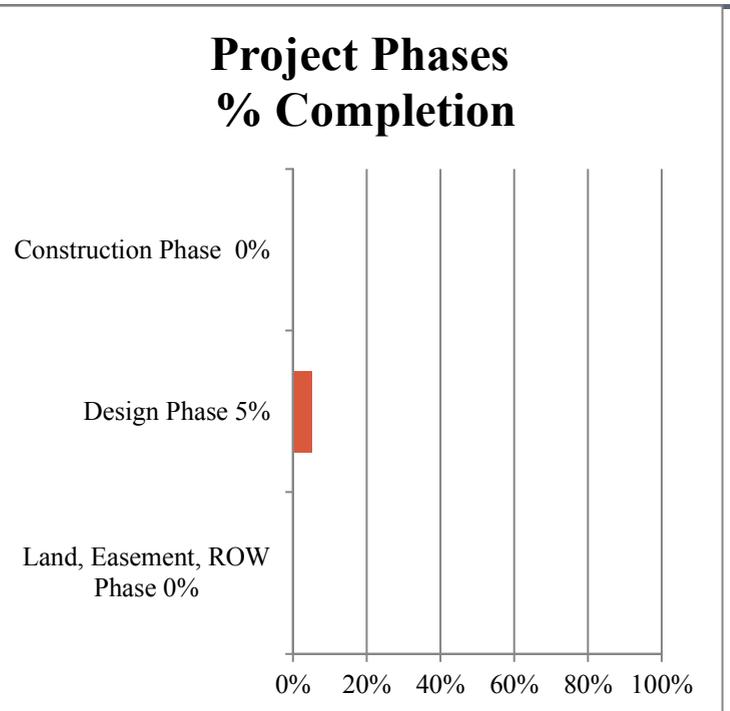


**PROJECT INFORMATION**

Project Name	<b>ROUTE 15 BYPASS AT EDWARDS FERRY ROAD</b>
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**

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



**Project Status Update:**

The Town of Leesburg has executed an agreement with Virginia Department of Transportation (VDOT) to administer this project on the Town's behalf. The Town has also executed a reimbursement agreement with Northern Virginia Transportation Authority (NVTA). In this quarter, traffic modeling was approved by VDOT and preparation of the Interchange Justification Report (IJR) has begun. In the next quarter, it is anticipated that a Public Information Meeting will be held to review the interchange alternatives.

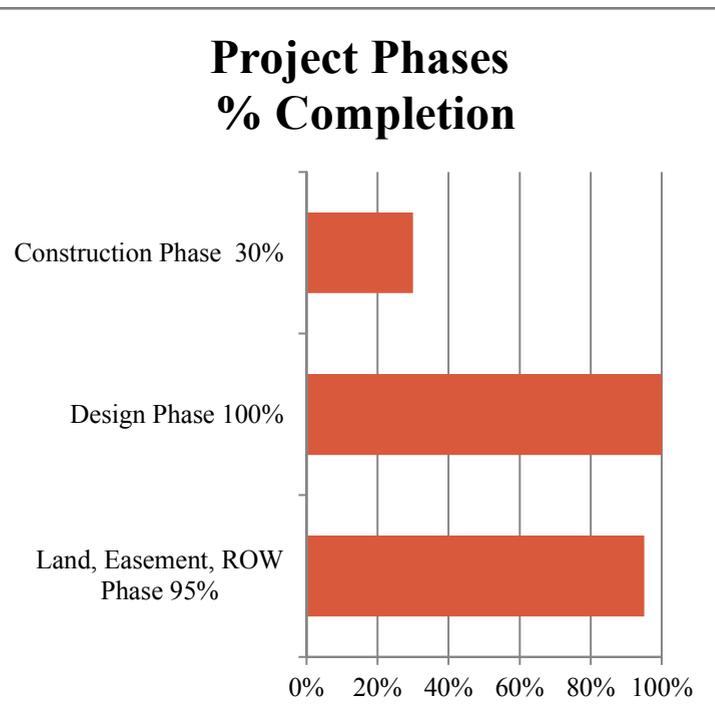


**PROJECT INFORMATION**

Project Name	<b>ROUTE 606 WIDENING</b>
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**

<b>Budget</b>	
Design	\$0
Construction	\$40,285,570
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$40,285,570</b>
<b>Project Development Schedule</b>	
Land, Easement, ROW Phase 95%	95%
Design Phase 100%	100%
Construction Phase 30%	30%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Summer 2018</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$21,790,650
Cash Proffers	\$1,450,350
RSTP	\$17,044,570
<b>Total Revenue</b>	<b>\$40,285,570</b>



**Project Status Update:**

This is a Virginia Department of Transportation (VDOT) Administered design-build contract awarded to the Dewberry/Shirley Contracting team. Construction commenced in September 2015. In this quarter, bridge substructure for the southbound bridge over Horsepen Dam Emergency Spillway, box culvert extension at Horsepen Dam Primary Spillway, storm drainage pipe, grading and water main relocation activities continued. In the next quarter, bridge abutments will be backfilled, bulb t-beams will be set, bridge superstructure will be underway including placement of deck SIP forms, steel reinforcement and the deck slab at the southbound bridge at Horsepen Dam. Additionally, box culvert work at the Horsepen Dam Primary Spillway will continue as will storm drainage pipe, grading, utilities relocation for the roadway construction. A traffic shift is planned in mid- to late October 2016 to separate eastbound and westbound traffic at the southern end of the project between Evergreen Mills Road and Arcola Road. Another traffic shift is planned in late December 2016 for the new southbound roadway between Mercure Circle East and Dulles Greenway. The intersection of Route 606 and Loudoun County Parkway will open in an interim configuration in September 2017. The interim configuration will be expanded in December 2017. The construction phase is anticipated to be completed by Summer 2018 for the total project.

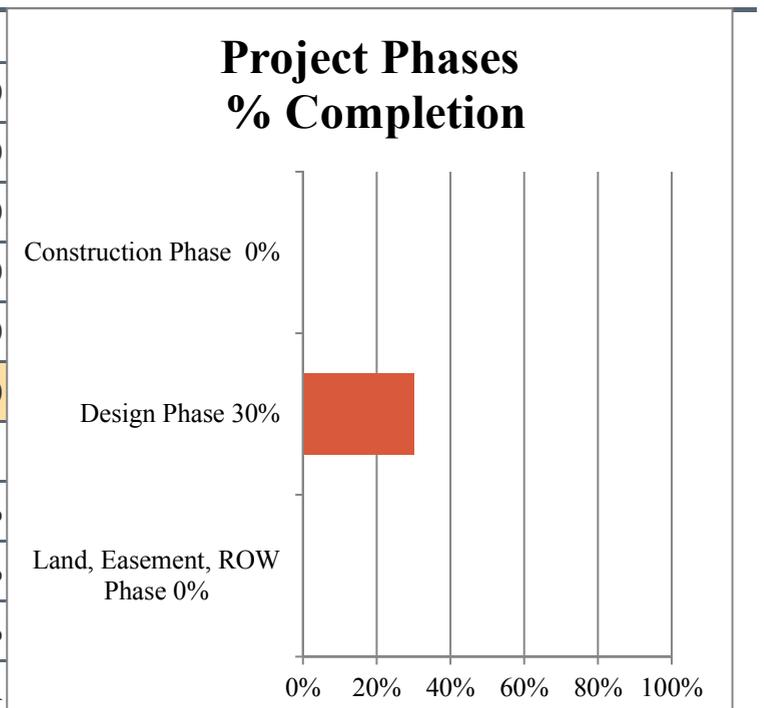


**PROJECT INFORMATION**

Project Name	<b>ROUTE 772 CONNECTOR BRIDGE</b>
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**

<b>Budget</b>	
Design	\$1,056,750
Construction	\$25,221,600
FFE	\$0
Land	\$250,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$26,528,350</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	30%
Construction Phase	0%
FFE Phase	N/A
<b>Design/Build Completion:</b>	<b>Winter 2018</b>



<b>Project Revenue(s)</b>	
Gas Tax	\$2,896,000
Local Tax Funding	\$2,925,000
Cash Proffers	\$2,498,000
Lease Revenue Financing	\$18,209,360
<b>Total Revenue</b>	<b>\$26,528,360</b>

**Project Status Update:**

In April 2016, the Board awarded a design-build contract to Shirley Contracting Company, LLC. In this quarter, the Stage I bridge plans were submitted to the Virginia Department of Transportation (VDOT) for review and initial comments were received. The design-build team furthered preliminary engineering design, prepared notice for the required Scope Validation period and the baseline schedule was established. In the next quarter, 30% plans will be submitted to VDOT and the Department of Building & Development (B&D) for review. Construction completion is planned for Winter 2018.

\*The Moorefield Boulevard - the contract for the construction of Moorefield Boulevard was awarded to Shirley Contracting Company, LLC as part of the Route 772 Connector Bridge Design-Build contract.

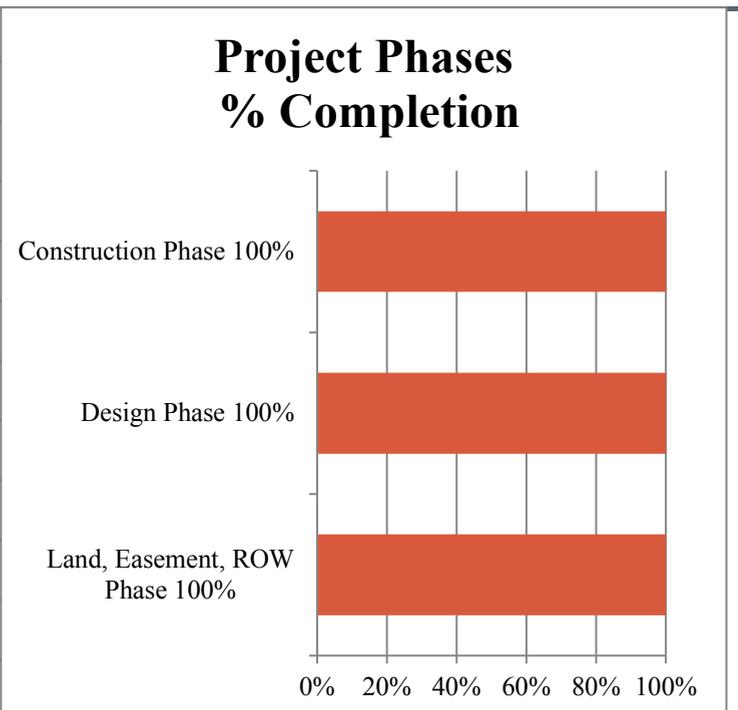


**PROJECT INFORMATION**

Project Name	<b>RUSSELL BRANCH PARKWAY - ASHBURN RD TO ASHBURN VILLAGE BLVD</b>
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**

<b>Budget</b>	
Design	\$809,750
Construction	\$5,551,550
FFE	\$0
Land	\$51,100
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$6,412,400</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 100%	100%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Summer 2016</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$650,000
Gas Tax	\$2,364,400
Cash Proffers	\$3,398,000
<b>Total Revenue</b>	<b>\$6,412,400</b>



**Project Status Update:**

William A Hazel, Inc. was awarded the contract for construction in January 2015 and the project was completed this quarter. The roadway opened to traffic on August 2, 2016 and a Ribbon Cutting Ceremony was held on September 7, 2016. The final package for street acceptance is being prepared for submission to the Department of Building & Development (B&D) and VDOT. Additionally, based on concerns following the roadway opening, traffic counts will be collected to review the unsignalized intersection at Ashburn Road.

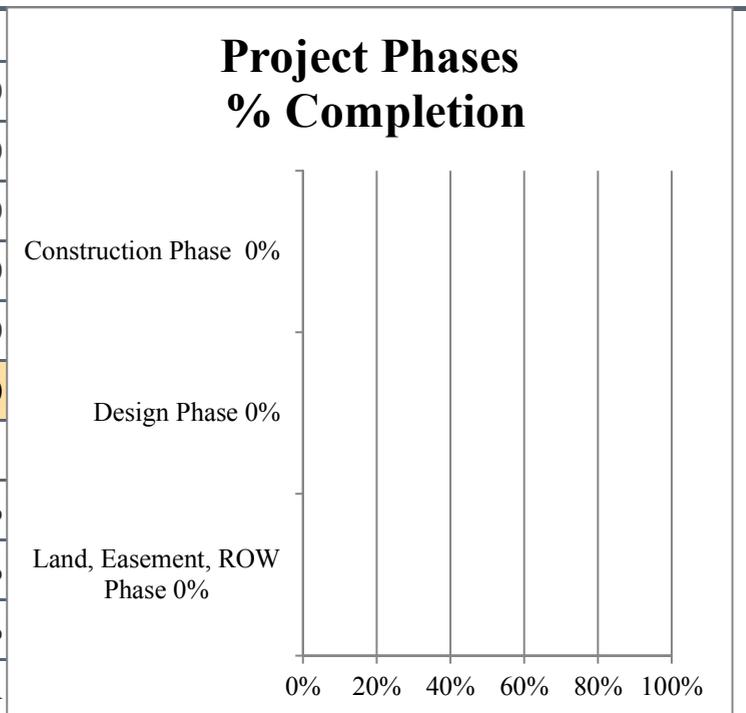


**PROJECT INFORMATION**

Project Name	<b>SHAW ROAD</b>
Project Description	This project provides for the design and construction of improvements to Shaw Road from the Sterling Technology property to the Dulles Electric Supply property in order to widen the road from two to four lanes, and to solve existing roadway drainage issues.
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	Sterling
Supervisor	Saines

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$325,000
Construction	\$301,550
FFE	\$0
Land	\$390,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$1,016,550</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Fall 2017</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$1,016,550
<b>Total Revenue</b>	<b>\$1,016,550</b>



**Project Status Update:**

In this quarter, a Purchase Order was issued on August 9, 2016 to task order design consultant, J2 Engineers, to initiate design of the drainage and roadway improvements. Utility designation and wetland investigations have been completed. Survey of the project corridor is ongoing. In the next quarter, survey work will be completed and design will begin. The design phase is anticipated to be completed in Fall 2017.

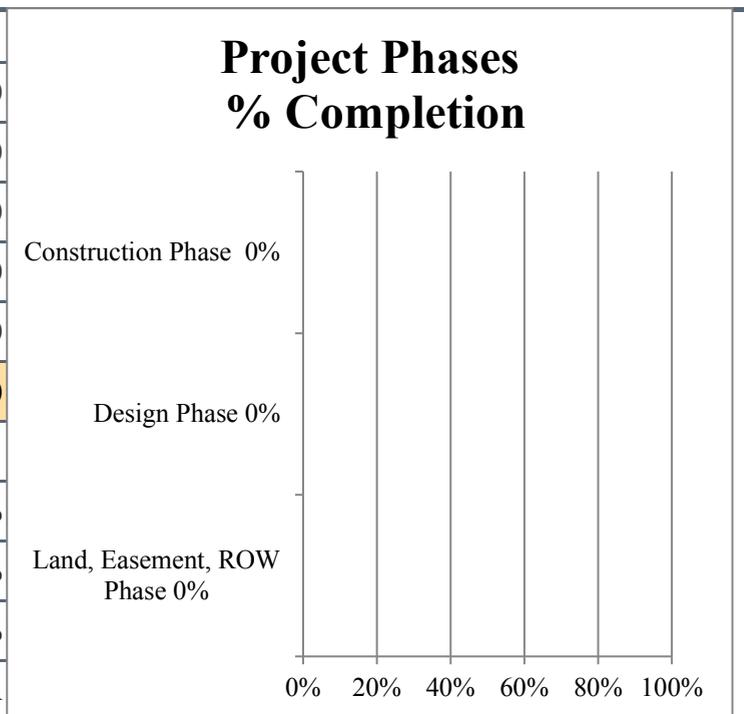


**PROJECT INFORMATION**

Project Name	<b>SHELLHORN ROAD</b>
Project Description	This project provides for the planning, design, and right-of-way acquisition for Shellhorn Road from Loudoun County Parkway to Moran Road. The project entails the construction of a four-lane roadway within a 120 foot right of way.
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	Broad Run
Supervisor	Meyer

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$8,000,000
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$8,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$8,000,000
<b>Total Revenue</b>	<b>\$8,000,000</b>



**Project Status Update:**

In this quarter, planning of the Shellhorn Road alignment continued as part of Comprehensive Plan Amendment CPAM 2016-0003 (Small Area Plan Boundaries). A design services Request for Proposal (RFP) will be developed after a CPAM is approved establishing the Shellhorn Road alignment.

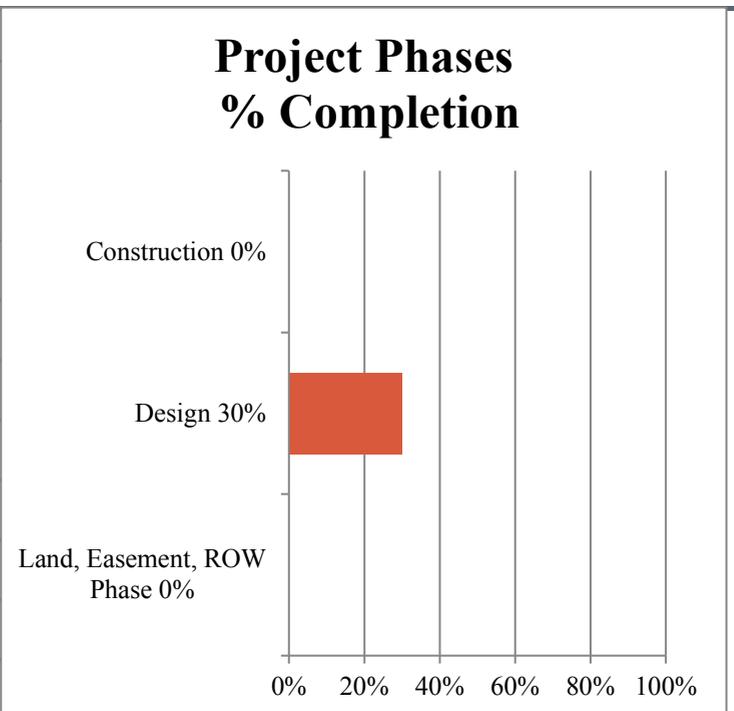


**PROJECT INFORMATION**

Project Name	<b>STERLING BOULEVARD EXTENSION</b>
Project Description	This project provides for the design, right-of-way 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**

<b>Budget</b>	
Design	\$1,841,850
Construction	\$20,341,600
FFE	\$0
Land	\$1,945,200
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$24,128,650</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design 30%	30%
Construction 0%	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Revenue Sharing	\$9,950,000
NVTA 30% (Local)	\$12,315,650
Land Sale	\$135,000
Local Tax Funding	\$1,700,000
Cash Proffers	\$28,000
<b>Total Revenue</b>	<b>\$24,128,650</b>



**Project Status Update:**

In this quarter, a value engineering study was conducted by the Virginia Department of Transportation (VDOT) on July 26 and 27, 2016 to identify potential project cost saving measures. Based on the value engineering findings, the design consultant, ATCS, is reducing the size of the stormwater management facilities proposed in the 30% design plans due to the ability to utilize nutrient credit for a portion of the facilities. In the next quarter, ATCS will progress the design towards 60% and initial discussions will continue with affected property owners for right of way acquisition. Design phase completion is anticipated in Spring 2017.

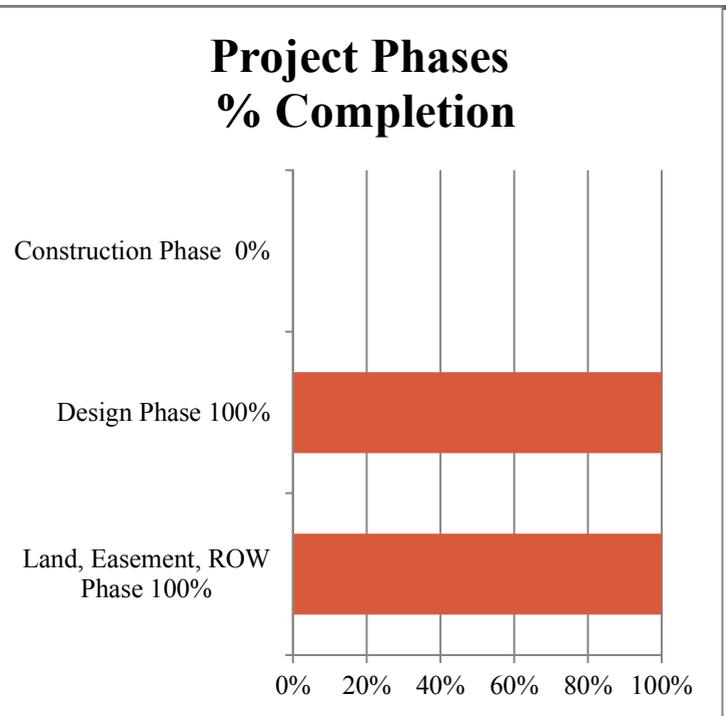


**PROJECT INFORMATION**

Project Name	<b>TALL CEDARS PARKWAY - PINEBROOK ROAD TO GUM SPRING ROAD</b>
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	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**

<b>Budget</b>	
Design	\$944,200
Construction	\$8,969,350
FFE	\$0
Land	\$3,274,750
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$13,188,300</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Spring 2018</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$13,188,300
<b>Total Revenue</b>	<b>\$13,188,300</b>



**Project Status Update:**

In this quarter, on July 21, 2016, the Board of Supervisors awarded a construction contract in the amount of \$7,498,475 to Phillips Construction LLC. Additionally this quarter, pre-construction submittals were prepared and Notice to Proceed was issued on September 20, 2016. In the next quarter, the contractor will mobilize and will begin submittals, clearing and erosion and sediment controls. A Ground Breaking ceremony is planned for October 18, 2016. An 18 month construction duration is planned with completion anticipated in Spring 2018.

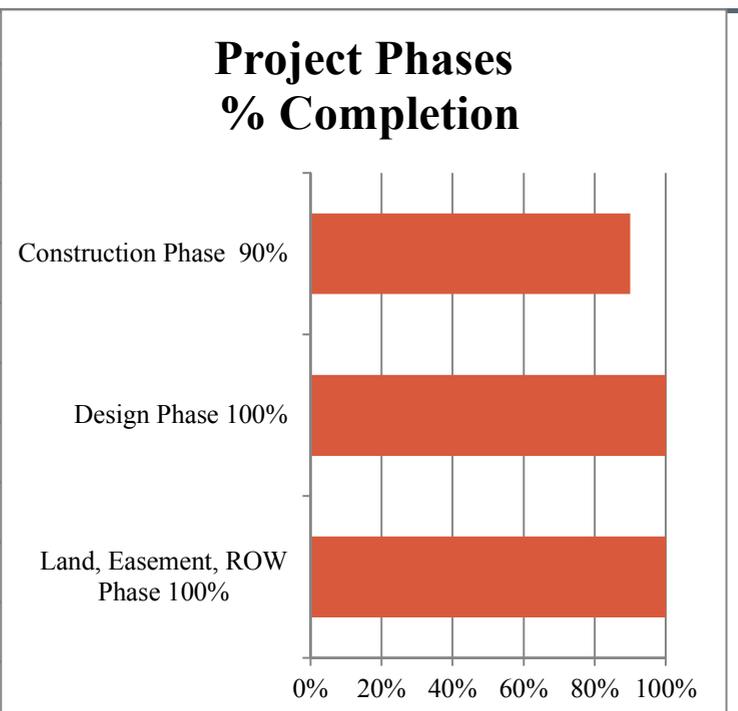


**PROJECT INFORMATION**

Project Name	<b>WAXPOOL ROAD - UNBRIDLED WAY TO FAULKNER PARKWAY</b>
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**

<b>Budget</b>	
Design	\$831,350
Construction	\$4,644,650
FFE	\$0
Land	\$10,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$5,486,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 90%	90%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
State Capital Assistance	\$1,500,000
Gas Tax	\$1,500,000
Cash Proffers	\$2,486,000
<b>Total Revenue</b>	<b>\$5,486,000</b>



**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, the final assignment of the utility easements were completed and utility relocation was underway. In the next quarter, the utility relocation work will be complete and the roadway contractor will remobilize to the site to recommence construction activities. Final paving, striping and punch list will complete the project, weather pending, Spring or Summer of 2017.

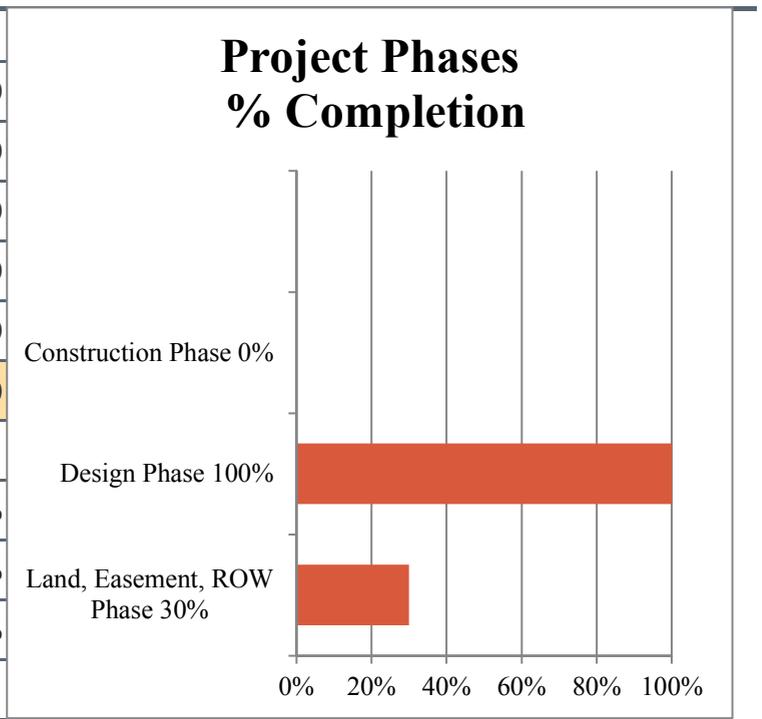


**PROJECT INFORMATION**

Project Name	<b>WAXPOOL ROAD AT PACIFIC AND BRODERICK</b>
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**

<b>Budget</b>	
Design	\$1,282,300
Construction	\$6,117,700
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$7,400,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	30%
Design Phase	100%
Construction Phase	0%
<b>Land Acquisition Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$1,950,000
State Revenue Sharing	\$3,200,000
Gas Tax	\$2,250,000
<b>Total Revenue</b>	<b>\$7,400,000</b>



**Project Status Update:**

In this quarter, discussions with commercial land owners continued for the acquisition of easements and right-of-way and the County Attorney's Office continued deed preparation. Department of Transportation and Capital Infrastructure (DTCI) staff is working with Virginia Department of Transportation (VDOT) staff to acquire nutrient credits required for the project. In the next quarter, land acquisition will continue and DTCI staff and design consultant, Dewberry, will continue coordination with utility providers to schedule relocation work. The land acquisition phase is planned for completion Fall 2016.

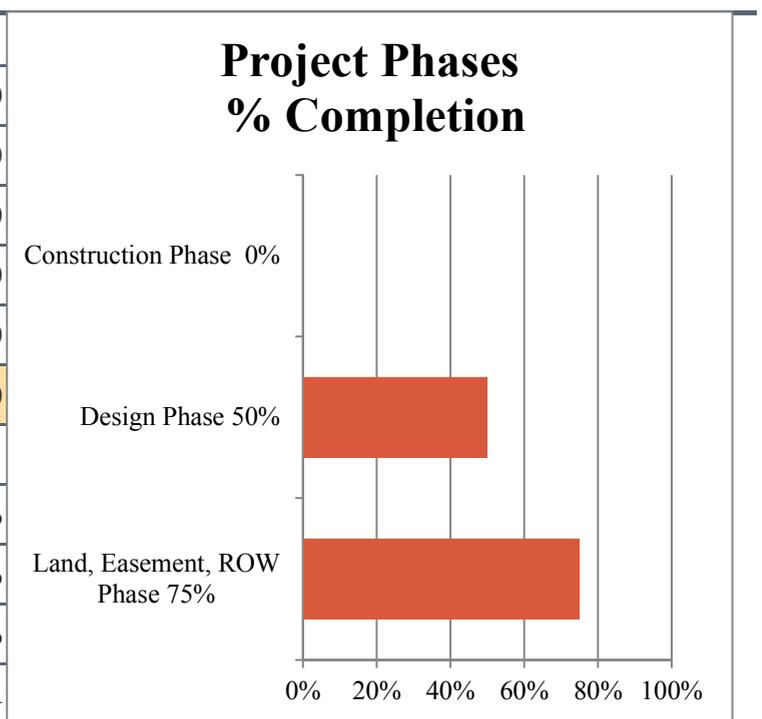


**PROJECT INFORMATION**

Project Name	<b>WOODGROVE HIGH SCHOOL/FIELDS FARM PARK ROAD</b>
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
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**

<b>Budget</b>	
Design	\$594,200
Construction	\$2,400,200
FFE	\$0
Land	\$820,600
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$3,815,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	75%
Design Phase	50%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$3,815,000
<b>Total Revenue</b>	<b>\$3,815,000</b>



**Project Status Update:**

In this quarter, the design consultant, Dewberry, surveyed the area south of Woodgrove High School to facilitate further extension of the school entrance design, completed wetland delineation, and initiated additional geotechnical study. On August 30, 2016, Department of Transportation and Capital Infrastructure (DTCI) staff met with Town of Purcellville staff to continue discussions regarding the annexation of Mr. Field's property into the Town. Land acquisition continued for other right-of-way required for the project. In the next quarter, 90% design plans will be submitted to Virginia Department of Transportation (VDOT) and Building & Development, DTCI staff will continue design coordination with Loudoun County Public Schools (LCPS) staff, and land acquisition will continue as well as annexation discussions with the Town. Completion of the design phase is anticipated in Spring 2017.

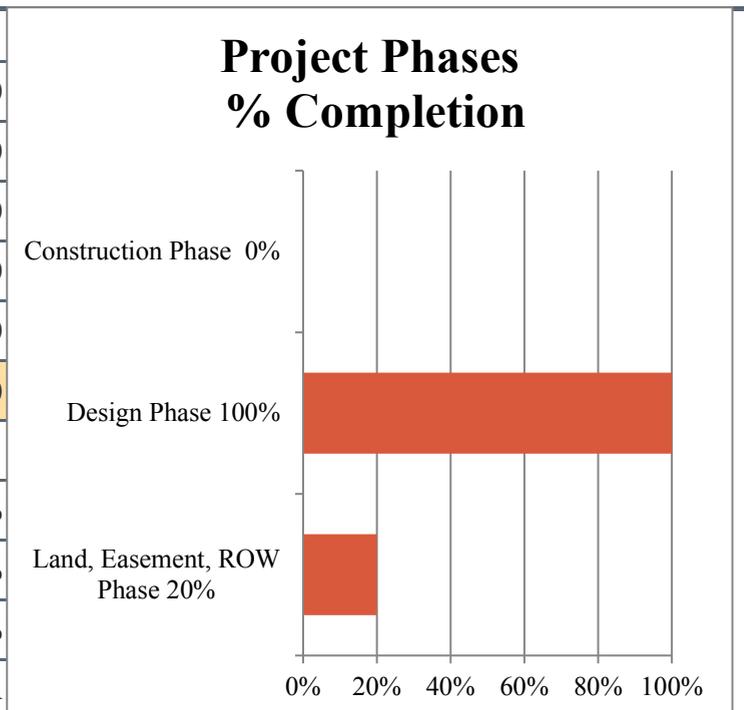


**PROJECT INFORMATION**

Project Name	<b>ASHBURN ROAD SIDEWALKS</b>
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
Supervisor	Buona

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$0
Construction	\$638,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$638,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	20%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Land Acquisition Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$638,000
<b>Total Revenue</b>	<b>\$638,000</b>



**Project Status Update:**

In this quarter, Right of Way dedication and easement plats were approved by Building & Development (B&D) and appraisals were received. In the next quarter, offers will be made to land owners to acquire the Right of Way and easements. Completion of Right of Way acquisition is anticipated by Fall 2016. The development of the Invitation for Bid (IFB) for construction will follow.

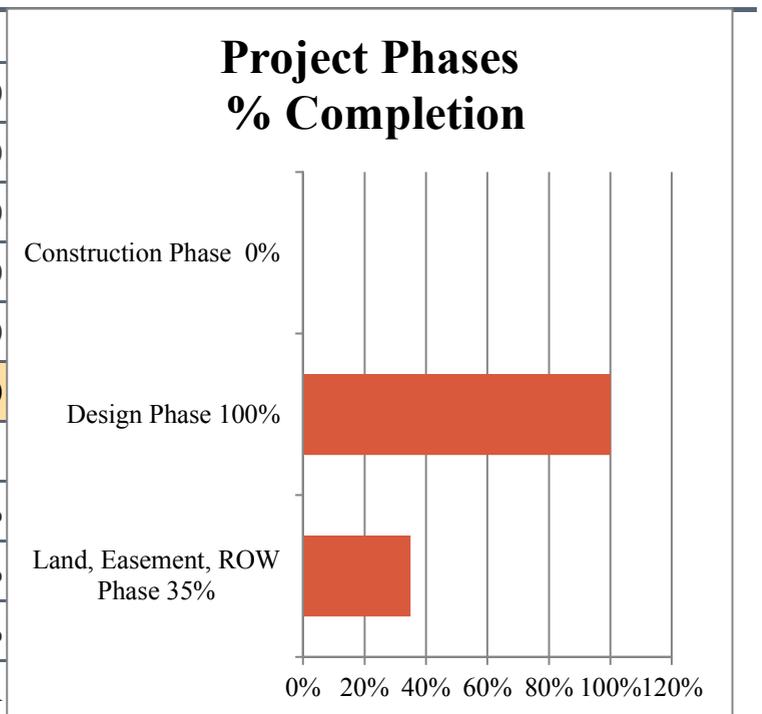


**PROJECT INFORMATION**

Project Name	<b>ROUND HILL TO FRANKLIN PARK TRAIL</b>
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**

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



**Project Status Update:**

In this quarter, meetings occurred between Department of Transportation and Capital Infrastructure (DTCI) staff, its land acquisition consultant, Diversified Property Services, and land owners to review land acquisition terms, and the County Attorney's Office continued deed preparation for easements and right of way dedication needed on 29 parcels. In the next quarter, land acquisition will continue, with planned completion in Fall 2016.

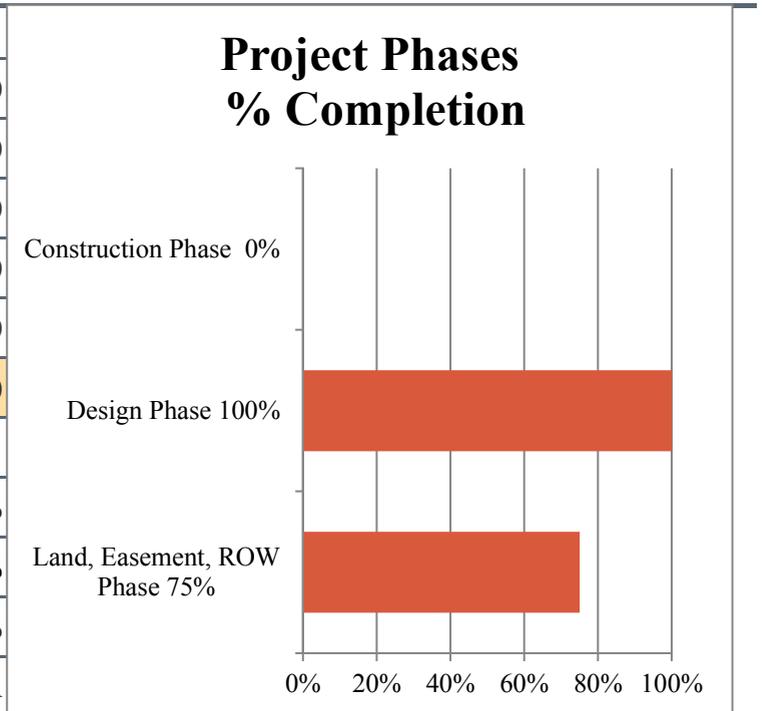


**PROJECT INFORMATION**

Project Name	<b>STERLING AREA SIDEWALKS</b>
Project Description	The Board of Supervisors approved \$260,100 for sidewalk improvements in the Sterling area of Loudoun County. This project page reports on three segments of sidewalk improvements along Greenthorn Avenue, Sugarland Road, and Woodson Drive
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**

<b>Budget</b>	
Design	\$210,450
Construction	\$273,700
FFE	\$0
Land	\$50,500
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$534,650</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	75%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Land Acquisition Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Proceeds from Sale of Land	\$260,100
Gas Tax	\$274,550
<b>Total Revenue</b>	<b>\$534,650</b>



**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. Among the affected properties for the project’s scope of work are four condominium associations which require different consideration for land acquisition process; staff continues to work with the County Attorney's Office to secure the right-of-way (ROW) along all three roadways. In this quarter, based on ROW acquisition completion for Sugarland Road and Woodson Drive, the Invitation for Bid (IFB) for the construction of the sidewalks along these two roads was issued on August 25, 2016. Bids were received on September 29, 2016 and are being evaluated. Additionally this quarter, ROW acquisition for Greenthorn Avenue continued. In the next quarter, land acquisition activities for Greenthorn Avenue will be completed and pricing for construction will follow. Additionally in the next quarter, a contract will be awarded for the construction of the sidewalks along Sugarland Road and Woodson Drive. The land acquisition phase for the Greenthorn Avenue sidewalk is anticipated to be completed by Fall 2016 and, weather permitting, construction completion is planned for Spring 2017.

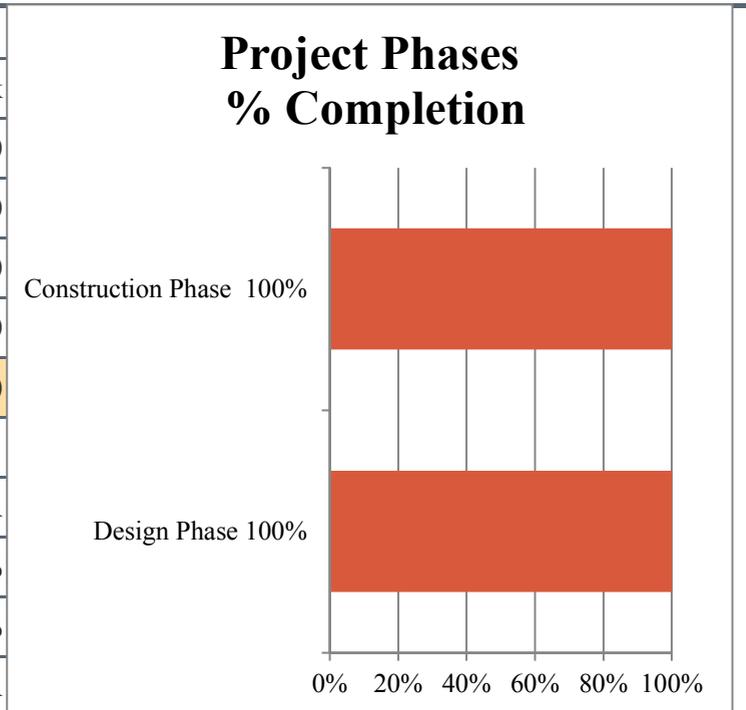


**PROJECT INFORMATION**

Project Name	<b>STERLING BOULEVARD BEAUTIFICATION</b>
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	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Sterling
Supervisor	Saines

**PROJECT BUDGET & SCHEDULE**

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



**Project Status Update:**

The Virginia Department of Transportation (VDOT) is administering the sidewalk construction. In this quarter, VDOT's contractor completed construction. The project is complete.

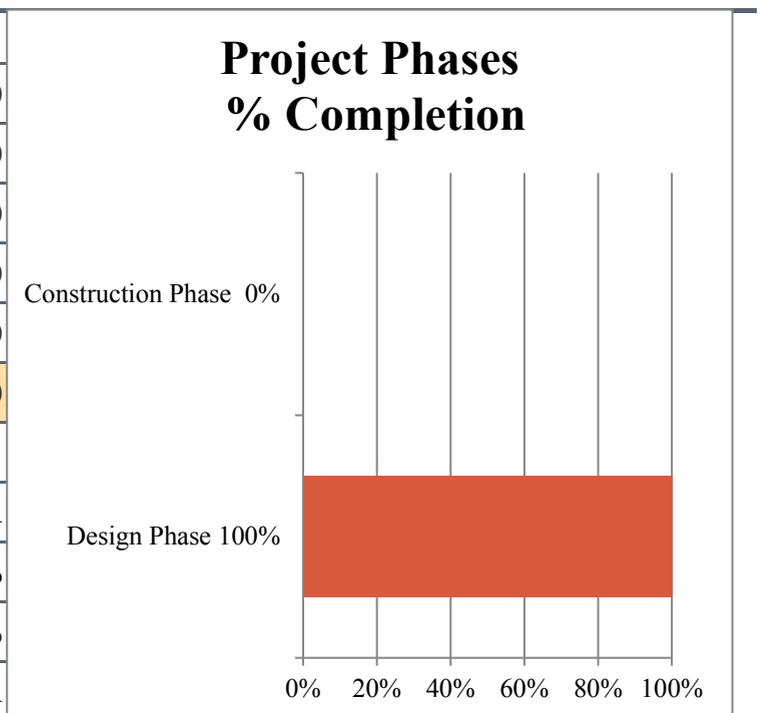


**PROJECT INFORMATION**

Project Name	<b>STERLING BOULEVARD SIDEWALK</b>
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**

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



**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, has continued with pipe installation through the project area. Construction completion is planned for Fall 2016 with the sidewalk installation currently scheduled to occur in October 2016. The sidewalk was previously planned for completion in Summer 2016 with the overall project completion in Fall 2016, however, rock was encountered. The overall project is still on schedule for completion in Fall 2016.

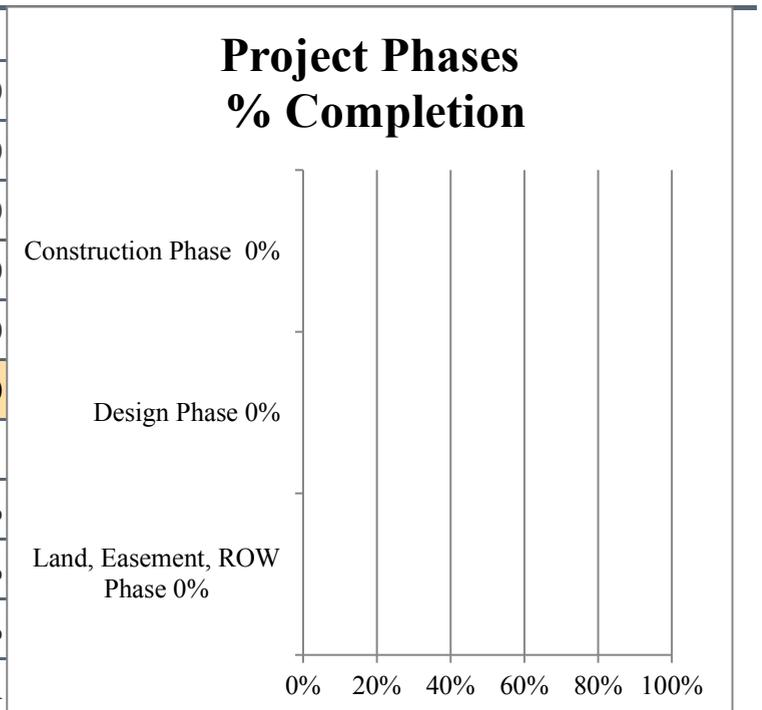


**PROJECT INFORMATION**

Project Name	<b>TOWN OF HAMILTON PEDESTRIAN IMPROVEMENTS</b>
Project Description	This project provides drainage improvements and repair to the existing pedestrian sidewalks along Route 7 – Colonial Highway adjacent to the Town’s western limits.
Project Type	Sidewalks & Trails
Project Phase Funding	Design Phase
Program Department Contact	Lori Jones, Town of Hamilton 540.338.2811 lori.jones@town.hamilton.va.us
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$0
Construction	\$566,400
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$566,400</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Winter 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$566,400
<b>Total Revenue</b>	<b>\$566,400</b>



**Project Status Update:**

In this quarter, the Town of Hamilton executed an engineering contract on September 20, 2016 for the design phase of the project. In the next quarter, preliminary design/analysis of the project will begin and will be followed by a field survey and the development of construction plans. Design phase completion is anticipated for Winter (December) 2016.

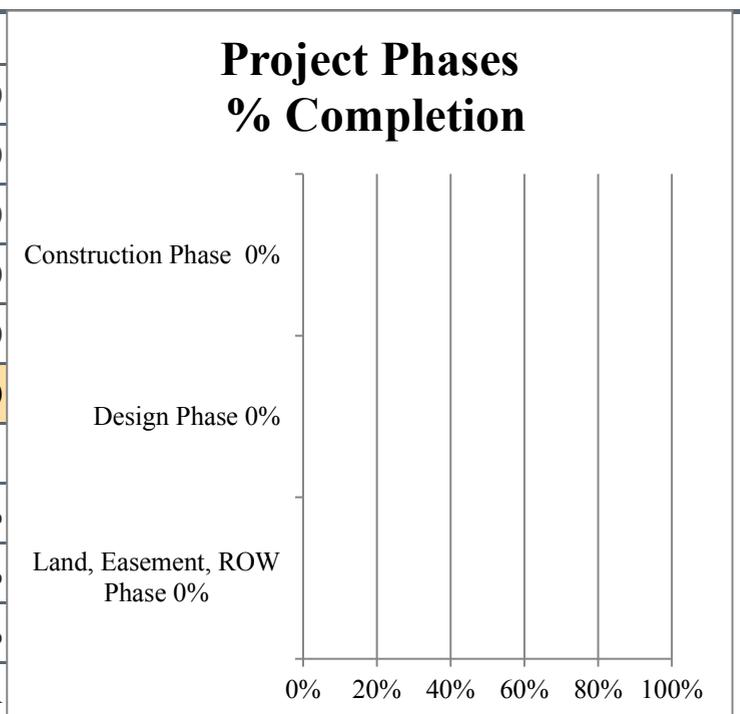


**PROJECT INFORMATION**

Project Name	<b>TOWN OF MIDDLEBURG CROSSWALK</b>
Project Description	The project provides crosswalk improvements to three intersections along Route 50 in the Town in order to improve pedestrian safety for shoppers and visitors in the Town’s business corridor.
Project Type	Sidewalks & Trails
Project Phase Funding	Design Phase
Program Department Contact	Martha Mason Semmes, Town of Middleburg 540.687.5152 townadmin@middleburgva.g
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$0
Construction	\$1,790,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$1,790,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	
<b>Project Revenue(s)</b>	
Local Tax Funding	\$585,000
Gas Tax	\$1,205,000
<b>Total Revenue</b>	<b>\$1,790,000</b>



**Project Status Update:**

In this quarter, the traffic configuration on Route 50 has been restore to its pre-project condition, with the signal at Madison Street back in service. In the next quarter, there will be periodic flagging as needed for remaining work related to the sidewalks, lighting, landscaping and milling/paving. Final project completion scheduled for October 2016.

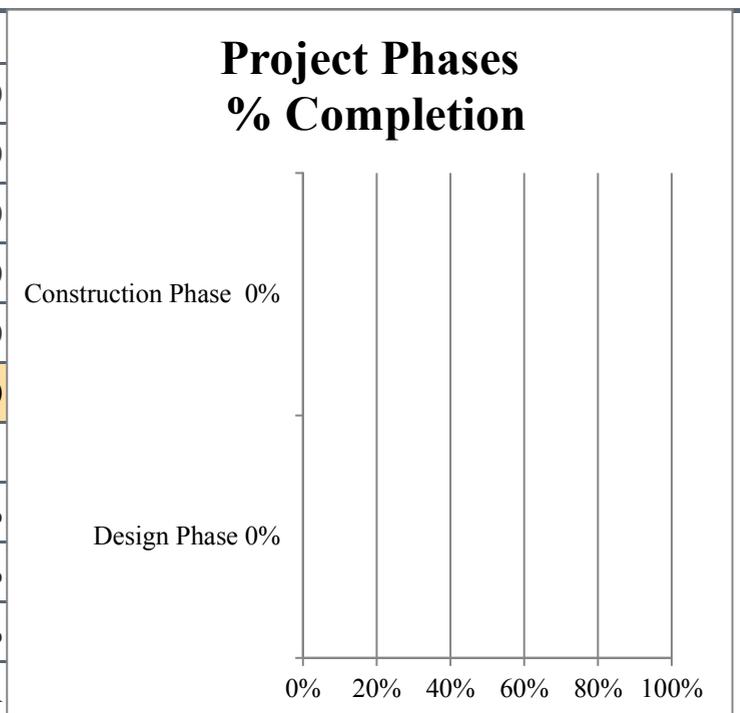


**PROJECT INFORMATION**

Project Name	<b>LEESBURG PARK &amp; RIDE LOT</b>
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	Umstattd

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$710,000
Construction	\$4,300,650
FFE	\$240,000
Land	\$1,000,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$6,250,650</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
CMAQ Funds	\$2,260,650
Cash Proffers	\$1,500,000
NVTA 30% (Local)	\$1,490,000
NVTA 70% (Regional)	\$1,000,000
<b>Total Revenue</b>	<b>\$6,250,650</b>



**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 Department of Transportation and Capital Infrastructure (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 continued contract negotiations with the developer. In the next quarter, an item will be presented to the Board on October 4, 2016 for contract approval.

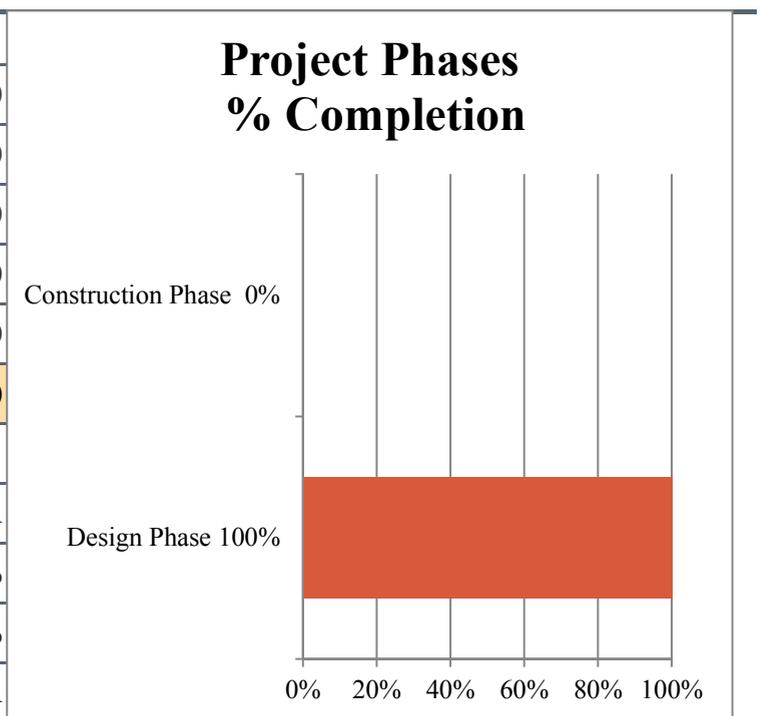


**PROJECT INFORMATION**

Project Name	<b>STONE RIDGE PARK &amp; RIDE LOT</b>
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	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**

<b>Budget</b>	
Design	\$124,430
Construction	\$3,800,570
FFE	\$0
Land	\$0
Proffered Land	\$2,195,400
<b>Total Project Cost:</b>	<b>\$6,120,400</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Construction Phase Completion</b>	<b>Summer 2017</b>
<b>Project Revenue(s)</b>	
Transit Bus Fees	\$500,000
Cash Proffers	\$3,425,000
Land Proffers	\$2,195,400
<b>Total Revenue</b>	<b>\$6,120,400</b>



**Project Status Update:**

In this quarter, on July 21, 2016, the Board of Supervisors awarded a construction contract in the amount of \$3,372,742 to Phillips Construction LLC. Additionally, this quarter, pre-construction submittals were prepared and Notice to Proceed was issued on September 20, 2016. The County is anticipating the award of Interstate 66 Toll Lane revenues totaling \$1,120,000 for this project. The Commonwealth Transportation Board (CTB) approved the funding award at its July 2016 meeting and the Northern Virginia Transportation Commission (NVTC) will approve the Standard Component Agreement (SCA) at its October 6, 2016 meeting. Once the County obtains official notification of receipt of the toll lane revenue funding, an amendment to the FY 2017 CIP and budget will be brought to the Board of Supervisors to appropriate the toll revenue funding for the Stone Ridge Park and Ride project. In the next quarter, the contractor will mobilize and will begin submittals, clearing and erosion and sediment controls. A nine month construction duration is planned with completion anticipated in Summer 2017.

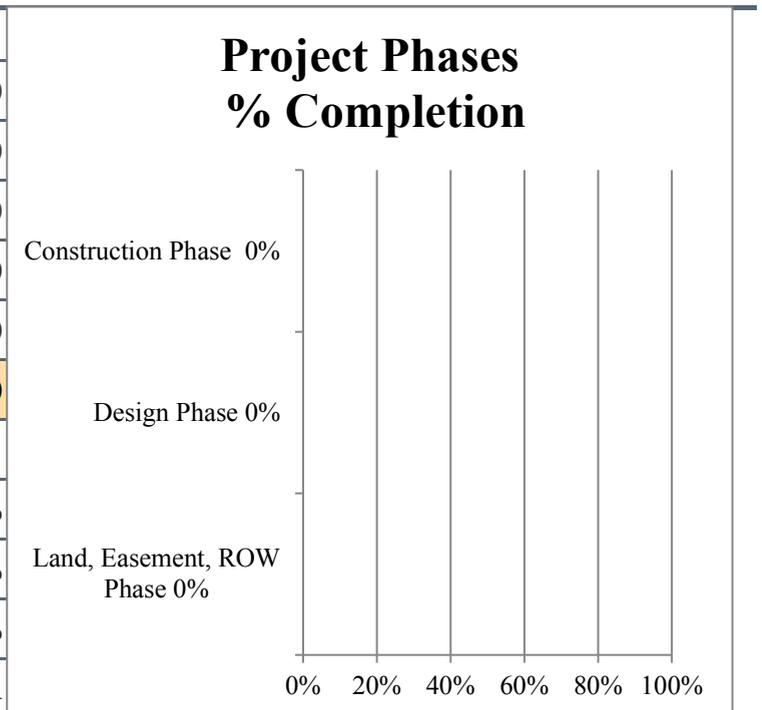


**PROJECT INFORMATION**

Project Name	<b>WESTERN LOUDOUN PARK &amp; RIDE LOT</b>
Project Description	This project provides for the design and construction of a minimum 250 space surface park and ride lot on a site adjacent to the proposed Fields Farm Park.
Project Type	Transit Projects
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	Blue Ridge
Supervisor	Buffington

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$675,000
Construction	\$3,701,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$4,376,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$555,000
CMAQ	\$3,821,000
<b>Total Revenue</b>	<b>\$4,376,000</b>



**Project Status Update:**

Since this project is being funded through the Federal Congestion Mitigation and Air Quality improvement program (CMAQ), design services need to be procured through a Request For Proposal (RFP) process. In this quarter, Department of Transportation and Capital Infrastructure (DTCI) staff drafted the design services RFP. In the next quarter, Procurement will issue the RFP and the Proposal Analysis Group (PAG) will begin review of the proposals.

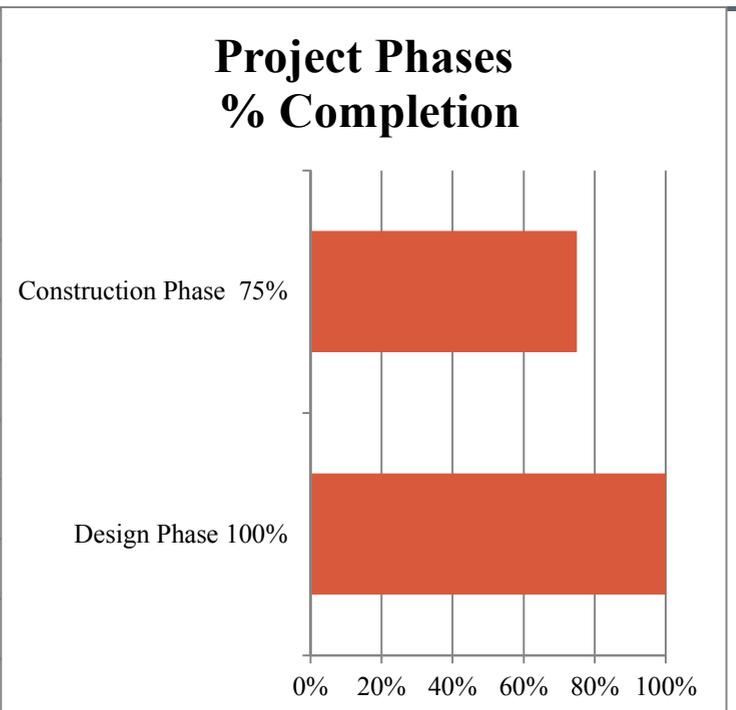


**PROJECT INFORMATION**

Project Name	<b>BELMONT RIDGE ROAD AT TRURO PARISH DRIVE INTERSECTION</b>
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**

<b>Budget</b>	
Design	\$29,950
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$29,950</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	100%
Construction Phase	75%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Gas Tax	\$29,950
<b>Total Revenue</b>	<b>\$29,950</b>



**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 the following factors: plan revisions, utility relocation and acquisition of additional easements. Substantial completion of the road improvements was previously reported as August 2016; however, the developer has informed the County that both the road improvements and the traffic signal will be completed in October 2016. Therefore, in the next quarter, this traffic signal should be operational.

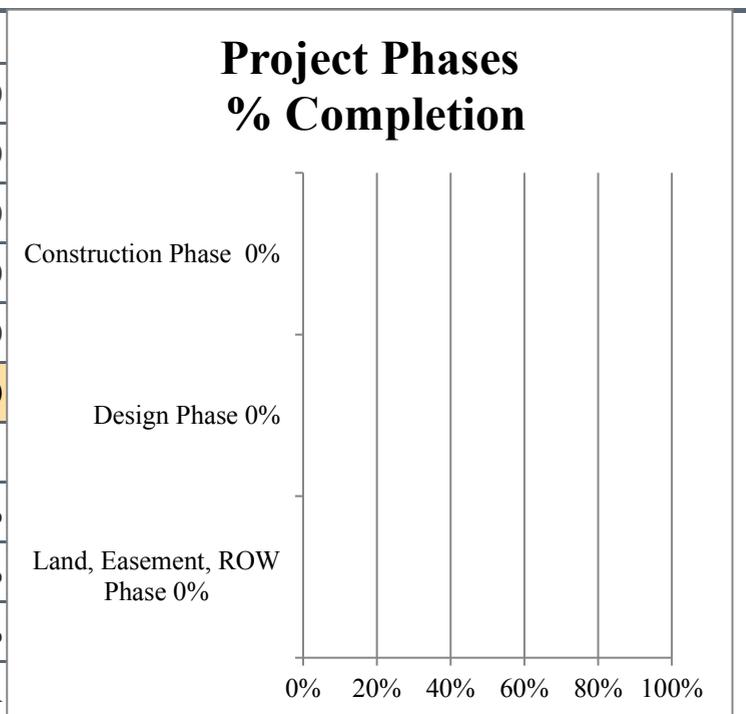


**PROJECT INFORMATION**

Project Name	<b>BRADDOCK ROAD/SUMMERALL/SUPREME INTERSECTION</b>
Project Description	This project provides for the installation of a traffic signal and turn lanes at the intersection of Braddock Road (Route 620) and Supreme Drive (Route 1257)/Summerall Drive (Route 1258). The missing half-section of Braddock Road near the subject intersection will be widened from two lanes to four lanes.
Project Type	Intersections & Interchanges
Project Phase Funding	Design Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Blue Ridge, Dulles
Supervisor	Buffington, Letourneau

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$300,000
Construction	\$1,400,000
FFE	\$0
Land	\$300,000
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$2,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$2,000,000
<b>Total Revenue</b>	<b>\$2,000,000</b>



**Project Status Update:**

This project is funded using general obligation bonds. The project will be initiated after the bond referendum is approved in November 2016.

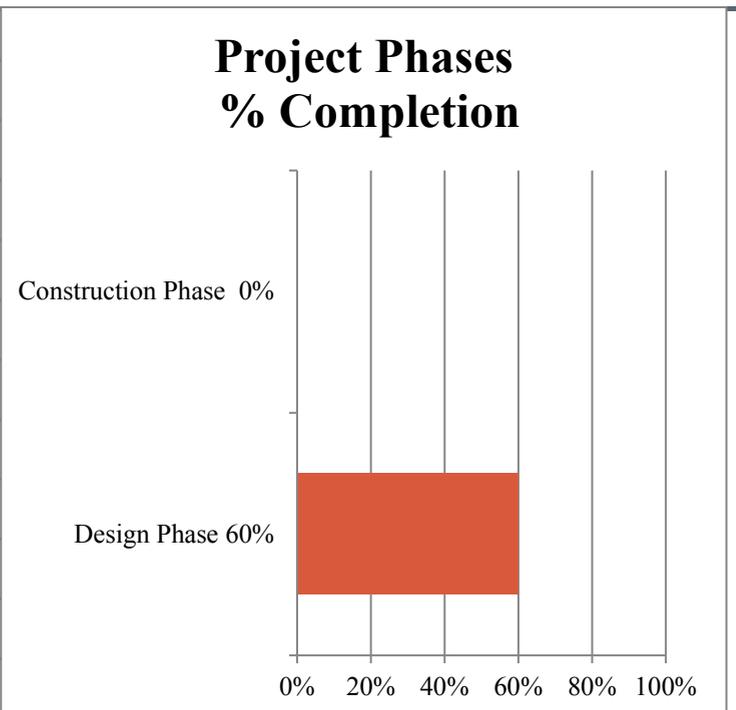


**PROJECT INFORMATION**

Project Name	<b>EDGEWATER STREET &amp; POLAND ROAD INTERSECTION</b>
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**

<b>Budget</b>	
Design	\$0
Construction	\$950,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$950,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	60%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$950,000
<b>Total Revenue</b>	<b>\$950,000</b>



**Project Status Update:**

This is a Virginia Department of Transportation (VDOT) administered project. The project is currently in the design phase. In this quarter, Public Hearing plans were reviewed internally by VDOT, willingness approval was received and plans were prepared for right-of-way submission. In the next quarter, right-of-way (ROW) appraisals and acquisition process will begin as will utility test pits. Design completion is planned for Spring 2017 (June 2017).

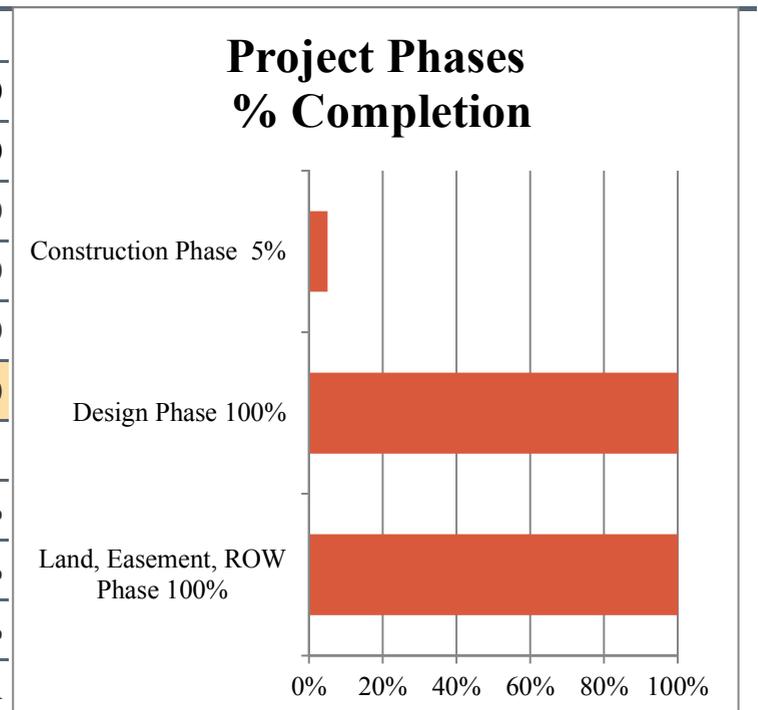


**PROJECT INFORMATION**

Project Name	<b>GLOUCESTER PKWY/SMITH SWITCH RD/ASHBY PONDS BLVD INTERSECTION</b>
Project Description	This project includes the traffic signal warrant study, design and construction of a new traffic signal at Gloucester Parkway and Smith Switch Road/Ashby Ponds Boulevard.
Project Type	Interchanges & Intersections
Project Phase Funding	Study, Design, Construction
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	Broad Run
Supervisor	Meyer

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Study and Design	\$94,200
Construction	\$384,400
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$478,600</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	5%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$478,600
Total Revenue	\$478,600



**Project Status Update:**

In this quarter, construction bids were received on July 28, 2016 and, at its September 6, 2016 Business Meeting, the Board of Supervisors approved the contract for B&B Signal. Additionally this quarter, pre-construction submittals were prepared and a Notice to Proceed was issued on September 15, 2016. In the next quarter, borings and permit submissions will be completed and construction activities in the field will begin. Staff is working with the contractor for options to deliver the project sooner than the contract completion date. Construction phase completion is planned for Spring 2017.

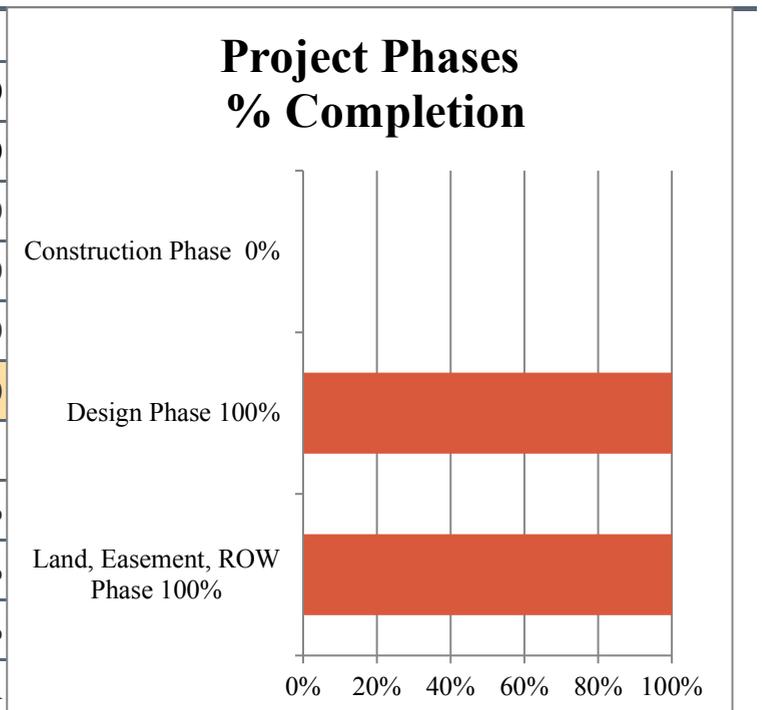


**PROJECT INFORMATION**

Project Name	<b>LOUDOUN COUNTY PARKWAY &amp; CENTER STREET INTERSECTION</b>
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, Design, Construction
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	Dulles
Supervisor	Letourneau

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$129,700
Construction	\$518,630
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$648,330</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Local Tax	\$600,000
Cash Proffers	\$48,330
<b>Total Revenue</b>	<b>\$648,330</b>



**Project Status Update:**

In this quarter, the Invitation for Bid (IFB) for construction was issued on July 5, 2016 and bids were received on August 4, 2016. As bids were within Purchasing Agent award authority, additionally this quarter, on September 9, 2016, a contract was executed with Arthur Construction Company, Inc. in the amount of \$259,272 and a Kick Off Meeting was held on September 9, 2016. In the next quarter, pre-construction submittals will be approved and a Notice to Proceed will be issued. Construction is planned for six months with completion planned for Spring 2017.

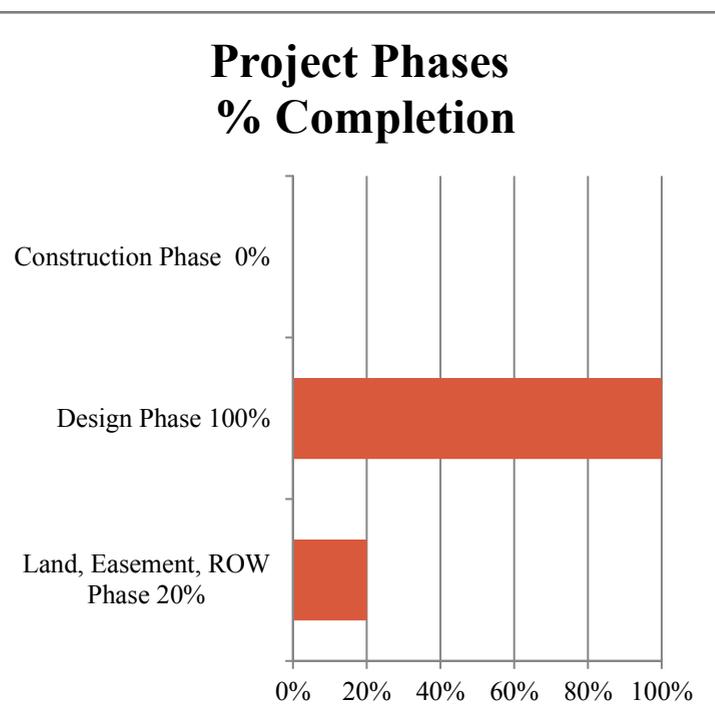


**PROJECT INFORMATION**

Project Name	<b>NORTHSTAR BOULEVARD &amp; BELMONT RIDGE ROAD TRAFFIC SIGNAL</b>
Project Description	This project provides funding for the installation of a traffic signal with crosswalks and pedestrian signals at the intersection of Belmont Ridge Road (Route 659) and Northstar Boulevard.
Project Type	Intersections & Interchanges
Project Phase Funding	Design Phase
Program Department Contact	Bruce Thornberry, DTCI 703.737.8821 Bruce.Thornberry@loudoun.gov
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Blue Ridge, Dulles
Supervisor	Buffington, Letourneau

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$150,850
Construction	\$618,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$768,850</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	20%
Design Phase	100%
Construction Phase	0%
FFE Phase	N/A
<b>Land Acquisition Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Gas Tax	\$35,850
Cash Proffers	\$223,000
NVTA 30% (Local)	\$510,000
<b>Total Revenue</b>	<b>\$768,850</b>



**Project Status Update:**

Prior to becoming a Capital Improvement Plan (CIP) project, the Board of Supervisors at its September 2, 2015 business meeting allocated \$176,166.81 in proffer funds to design and construct interim signage and pavement marking improvements to address safety concerns at this intersection and to design a signal. The signal plan was submitted to the Virginia Department of Transportation (VDOT) in May 2016 and approved on July 13, 2016. In this quarter, Department of Transportation and Capital Infrastructure (DTCI) staff has worked with adjacent property owners (Northern Virginia Regional Park Authority and Loudoun County Public Schools) to obtain easements for the signal poles and control boxes. In the next quarter, the easements will be finalized, an Invitation for Bid (IFB) will be issued for the construction of signal and an item will be brought to the Finance/Government Operations and Economic Development Committee (FGOEDC) and Board for contract award.

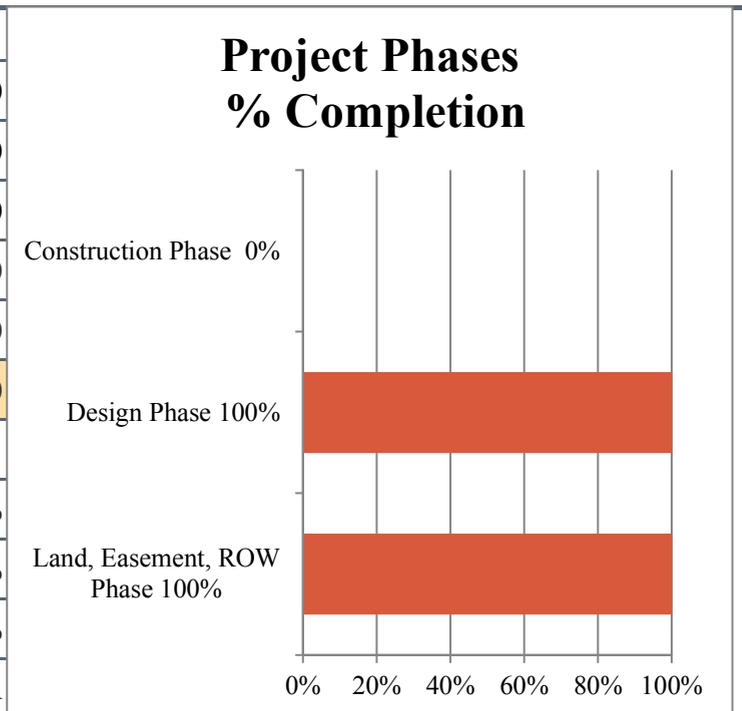


**PROJECT INFORMATION**

Project Name	<b>NORTHSTAR BOULEVARD AND RYAN ROAD INTERSECTION</b>
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	Khattab Shammout, DTCI 571.258.3548 Khattab.Shammout@loudoun.gov
DTCI Contact	Susan Glass, DTCI 703.777.0251 Susan.Glass@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$175,000
Construction	\$359,700
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$534,700</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 100%	100%
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Winter 2017</b>
<b>Project Revenue(s)</b>	
Gas Tax	\$375,250
Cash Proffers	\$159,450
<b>Total Revenue</b>	<b>\$534,700</b>



**Project Status Update:**

Under a proffer, the developer (Brambleton LLC) is responsible for building the turn lane associated with this project. The County is funding the traffic signal installation through a reimbursement agreement approved by the Board of Supervisors on July 21, 2016. Virginia Department of Transportation (VDOT) approved traffic signal plans on October, 30, 2014; the plans were recently revised by Brambleton to phase construction of the turn lane. Installation of the traffic signal is expected to commence in September 2016; anticipated completion is January 2017. This is a delay from the previously reported construction phase completion of Fall 2016 and is due to the time to develop the agreement with Brambleton.

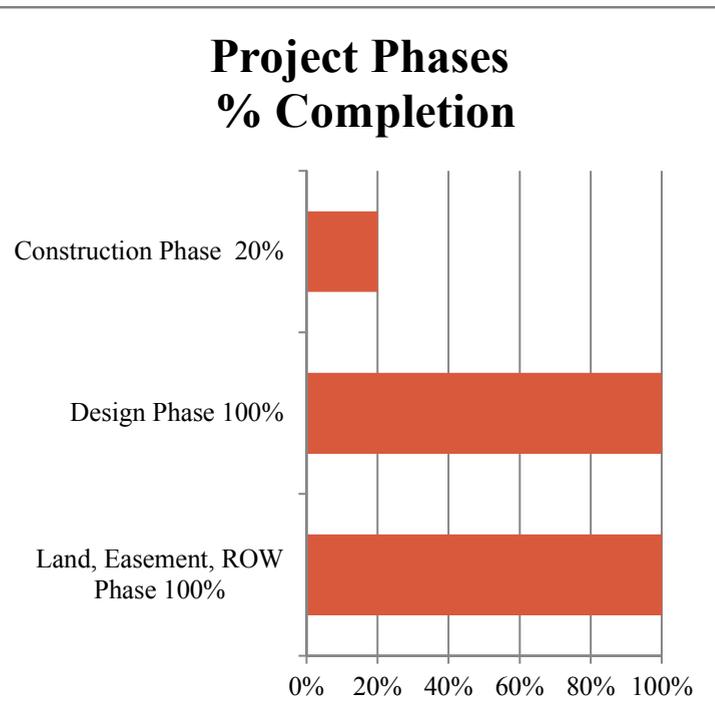


**PROJECT INFORMATION**

Project Name	<b>ROUTE 7/ASHBURN VILLAGE BOULEVARD INTERCHANGE</b>
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**

<b>Budget</b>	
Design	\$607,300
Construction	\$6,419,200
FFE	\$0
Land	\$226,950
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$7,253,450</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	20%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Summer 2018</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$7,085,000
Interest on Investment	\$68,450
Reimbursement	\$100,000
<b>Total Revenue</b>	<b>\$7,253,450</b>



**Project Status Update:**

This project is a proffered project by the One Loudoun development. In this quarter, utility relocation commenced along with construction of a bridge abutment. Additionally, construction of the bridge piers and installation of storm drains continues. These construction activities will continue in the next quarter. Construction completion is planned for Summer 2018.

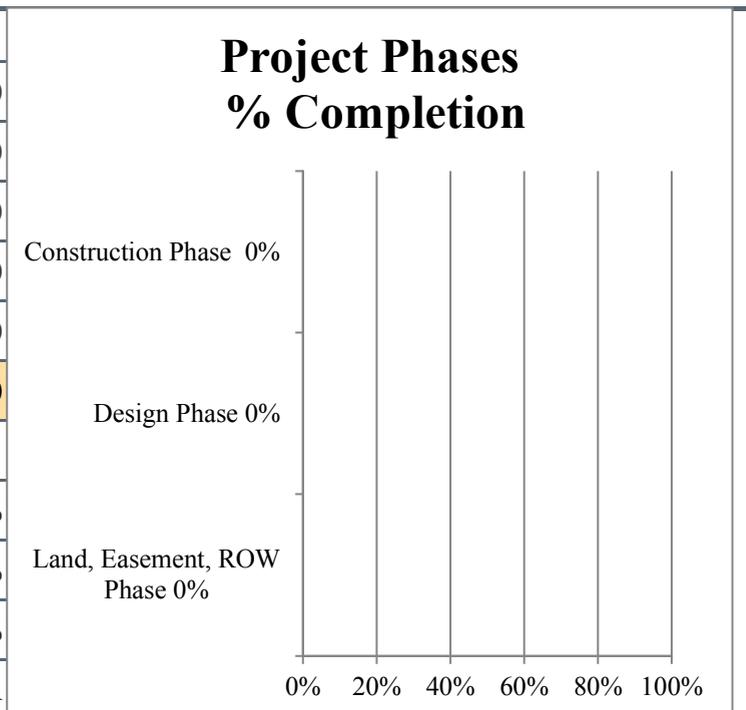


**PROJECT INFORMATION**

Project Name	<b>ROUTE 7/BATTLEFIELD PARKWAY INTERCHANGE</b>
Project Description	This project provides for the planning, design, right-of-way acquisition and construction of an interchange at the intersection of Route 7 and Battlefield Parkway within the Town of Leesburg.
Project Type	Intersections & Interchanges
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**

<b>Budget</b>	
Design	\$12,000,000
Construction	\$38,760,700
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$50,760,700</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
NVTA 70% (Regional)	\$50,760,700
<b>Total Revenue</b>	<b>\$50,760,700</b>



**Project Status Update:**

The Town of Leesburg has executed an agreement with Virginia Department of Transportation (VDOT) to administer this project on the Town's behalf. The Town has also executed a reimbursement agreement with Northern Virginia Transportation Authority (NVTA). In this quarter, the travel demand model was coordinated with the Route 15/Edwards Ferry Road project. Additionally, preparation of the Interchange Justification Report (IJR) commenced and a project scoping meeting was held. In the next quarter, the the travel demand model data for this project is expected to be completed and preparation of the IJR will continue.

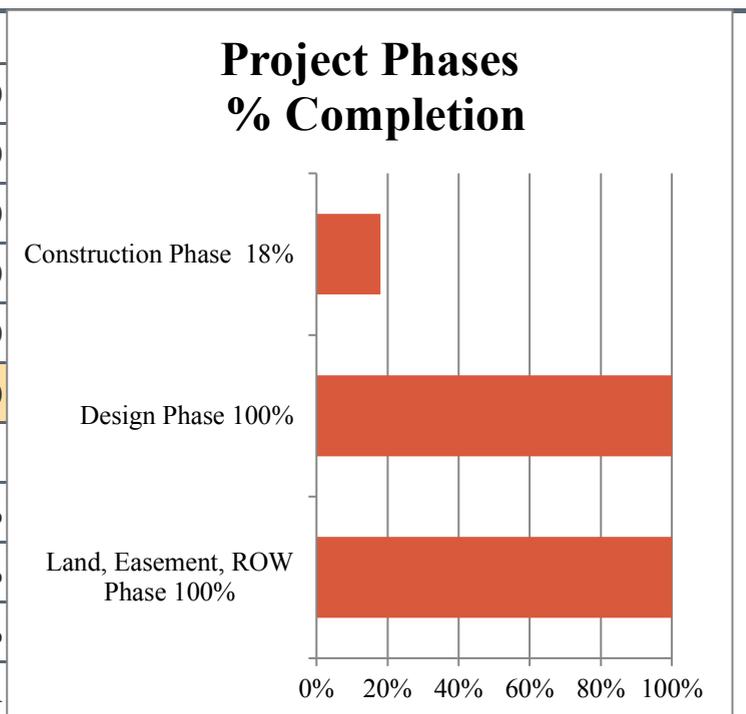


**PROJECT INFORMATION**

Project Name	<b>ROUTE 7/ROUTE 659 INTERCHANGE &amp; WIDENING TO GLOUCESTER</b>
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**

<b>Budget</b>	
Design	\$6,728,600
Construction	\$66,197,850
FFE	\$0
Land	\$203,350
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$73,129,800</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	18%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Spring 2019</b>
<b>Project Revenue(s)</b>	
State Capital Assistance	\$55,752,375
GO Bonds	\$4,500,000
Cash Proffers	\$5,579,550
Loudoun Water Reimbursement	\$1,063,800
Federal Funds	\$6,234,075
<b>Total Revenue</b>	<b>\$73,129,800</b>



**Project Status Update:**

Utility relocation work began by Washington Gas in December 2014 and continues south of the interchange at Gloucester Parkway. Utility relocation work by Dominion Virginia Power and Verizon has followed. Shirley Contracting began work in September 2015, however delays in the utility relocation efforts are resulting in delays to roadway construction. In this quarter, the major utility relocations were completed and Shirley continued with fill operations, blasting for earthwork and bridge piles. Additionally this quarter, waterline installation work began and the project team continued to assess the impact of the utility delay and has reviewed options for recovery of the project schedule. In the next quarter, waterline work will continue, jack and bore activities under Route 7 will begin and bridge piles and abutments will be completed. Based on the delay of utilities relocation, as assessed by the project team, construction completion will be delayed from Summer 2018 to late Winter/early Spring 2019. However, the team will continue to review opportunities to deliver the project closer to the original completion date.

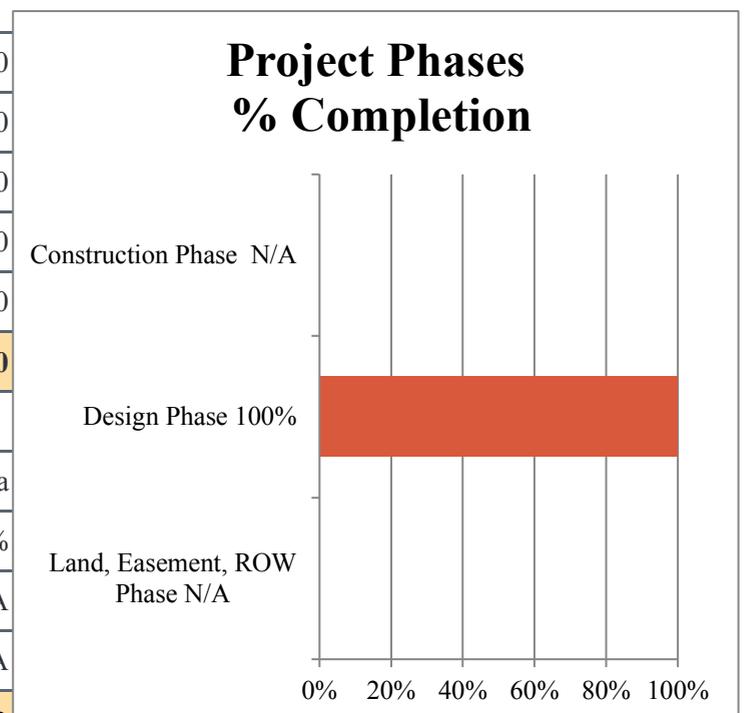


**PROJECT INFORMATION**

Project Name	<b>ROUTE 7/ROUTE 690 INTERCHANGE</b>
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**

<b>Budget</b>	
Design	\$5,500,000
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$5,500,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/a
Design Phase 100%	100%
Construction Phase N/A	N/A
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$1,500,000
General Obligation Bonds	\$4,000,000
<b>Total Revenue</b>	<b>\$5,500,000</b>



**Project Status Update:**

Prior to Fiscal Year 2017 (FY17), an Interchange Justification Report (IJR) was prepared by design consultant, Dewberry, and approved by the Virginia Department of Transportation (VDOT) and 30% design plans were developed. In this quarter, Department of Transportation and Capital Infrastructure (DTCI) staff prepared a scope of work to complete the interchange design and is working with Dewberry to obtain a proposal to complete the design work. Since this project is funded using general obligation bonds, a Purchase Order will be issued after the bond referendum is approved in November 2016.

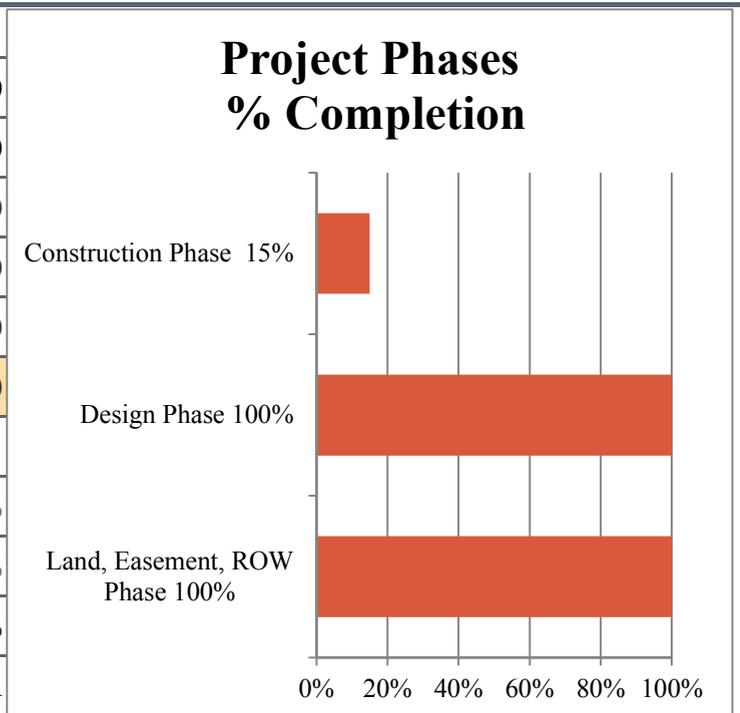


**PROJECT INFORMATION**

Project Name	<b>TALL CEDARS PARKWAY AND POLAND ROAD INTERSECTION</b>
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**

<b>Budget</b>	
Design	\$87,520
Construction	\$602,480
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$690,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	15%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Winter 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$690,000
<b>Total Revenue</b>	<b>\$690,000</b>



**Project Status Update:**

In April 2016, the Board approved the contract award for the signal construction to Ardent Company, LLC. In this quarter, signal permit applications and submittals to the Virginia Department of Transportation (VDOT) for permitting were approved and materials were released for order. In the next quarter, conduit, foundations and signal installation will be complete, weather pending.

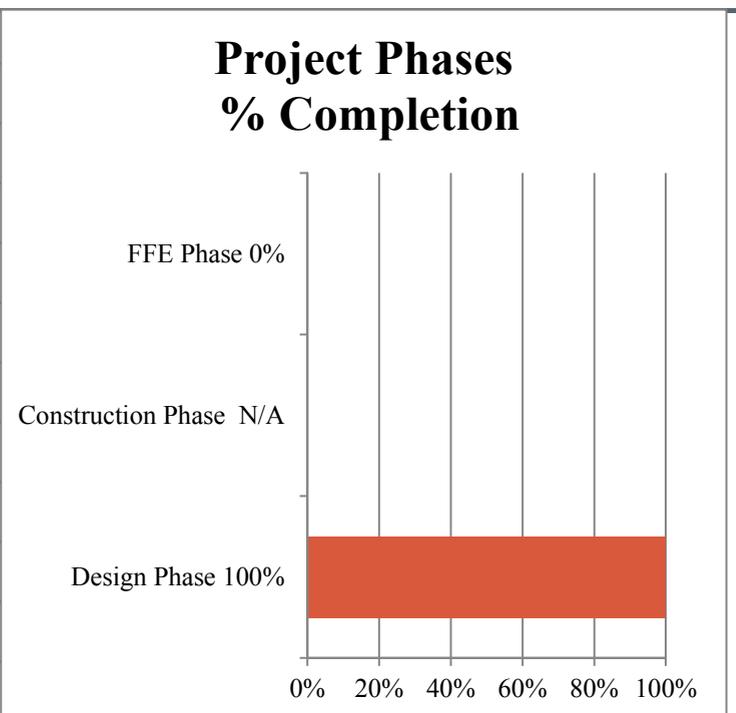


**PROJECT INFORMATION**

Project Name	<b>TRAFFIC SIGNAL EMERGENCY BACKUP POWER SYSTEMS</b>
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	Ernest Brown, General Services 703.737.8924 Ernest.Brown@loudoun.gov
DTCI Contact	Eloisa Thring, DTCI 571.258.3526 Eloisa.Thring@loudoun.gov
Election District	Countywide
Supervisor	Countywide

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$90,950
Construction	\$774,050
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$865,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase N/A	N/A
FFE Phase 0%	0%
<b>FFE Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Gas Tax	\$865,000
<b>Total Revenue</b>	<b>\$865,000</b>



**Project Status Update:**

The Department of Transportation and Capital Infrastructure (DTCI) developed a scope of work to address the requirements for the 42 intersections identified by County public safety team. At the end of FY 2016, recommendations for equipment purchase were finalized for the Department of General Services (DGS) to coordinate equipment procurement. In this quarter and continuing into next quarter, DGS began initial coordination with other agencies to revise the scope of work to reflect current Loudoun County operations and prepare for the procurement of the equipment.

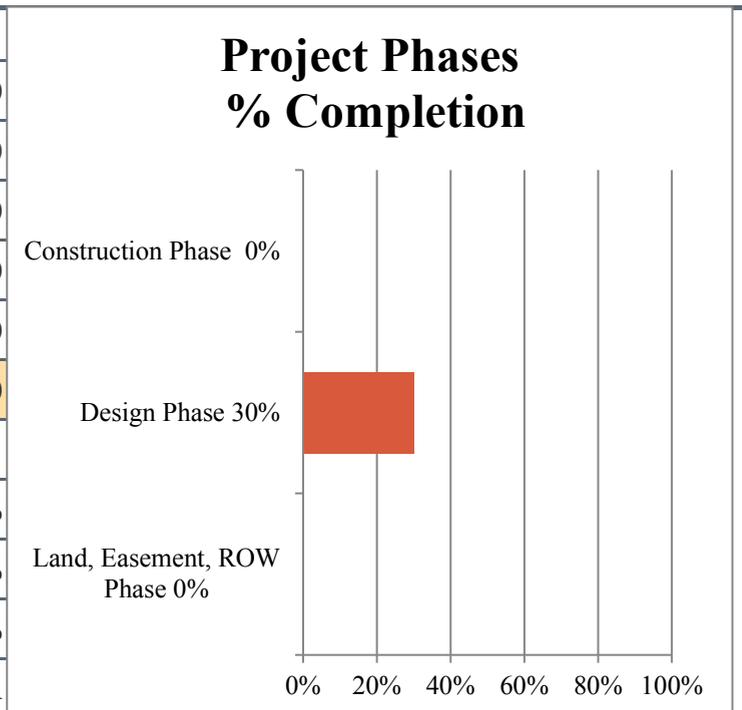


**PROJECT INFORMATION**

Project Name	<b>WAXPOOL ROAD &amp; LOUDOUN COUNTY PARKWAY INTERSECTION</b>
Project Description	This project provides for the planning, design, right-of-way 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**

<b>Budget</b>	
Design	\$1,000,000
Construction	\$1,381,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$2,381,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	30%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Summer 2017</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$1,235,000
Local Tax Funding	\$1,146,000
<b>Total Revenue</b>	<b>\$2,381,000</b>



**Project Status Update:**

In this quarter, the design consultant, Dewberry, prepared 30% design plans and submitted them to the Virginia Department of Transportation (VDOT) and Building and Development (B&D) on September 19, 2016 for review. In the next quarter, a Public Information meeting is scheduled for October 27, 2016. Upon receipt of public comments and design comments from VDOT and B&D, Dewberry will progress the design towards 60%.

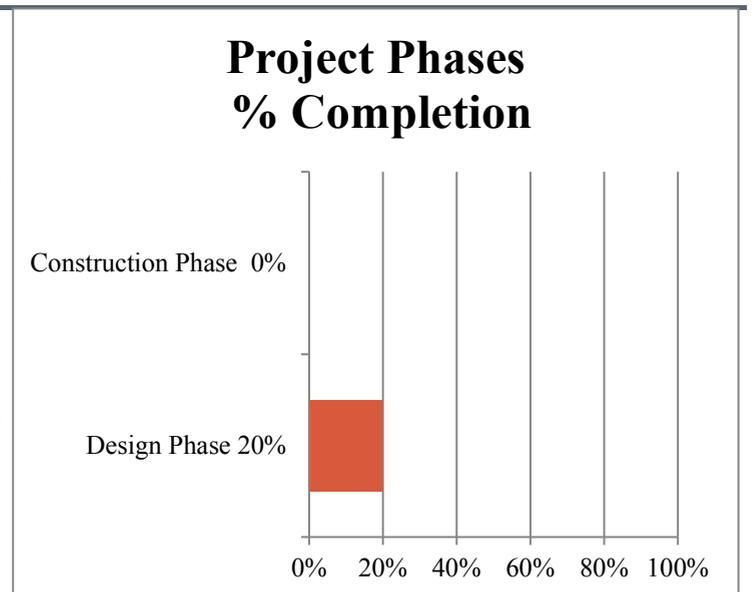


**PROJECT INFORMATION**

Project Name	<b>ANIMAL SERVICES FACILITY</b>
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**

<b>Budget</b>	
Design	\$2,050,000
Construction	\$11,755,000
FFE	\$1,690,000
Land	\$3,119,890
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$18,614,890</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	20%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Summer 2017</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$15,370,000
Local Tax Funding	\$3,244,890
<b>Total Revenue</b>	<b>\$18,614,890</b>



**Project Status Update:**

In this quarter, the design consultant, Animal Arts Design Studios, developed a floor plan for the Animal Services Facility and completed conceptual design. In the next quarter, detailed design of the facility will begin.

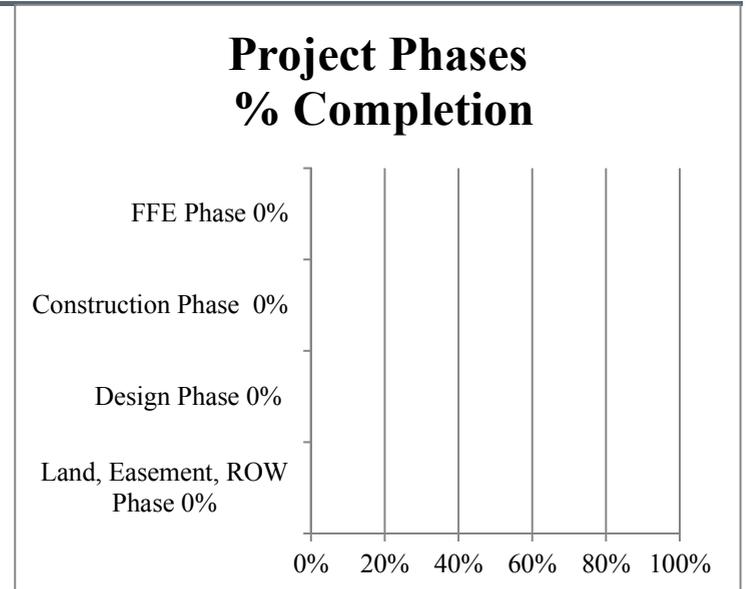


**PROJECT INFORMATION**

Project Name	<b>ALDIE FIRE &amp; RESCUE STATION</b>
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**

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



**Project Status Update:**

In this quarter, the Proposal Analysis Group (PAG) reviewed the proposals provided by the design teams, prepared a short list, interviewed the short listed teams, and developed a final design team ranking. In the next quarter, a design fee will be negotiated with the top ranked design team and an item will be presented to the Finance/Government Operations and Economic Development Committee (FGOEDC) and Board of Supervisors for design contract award.

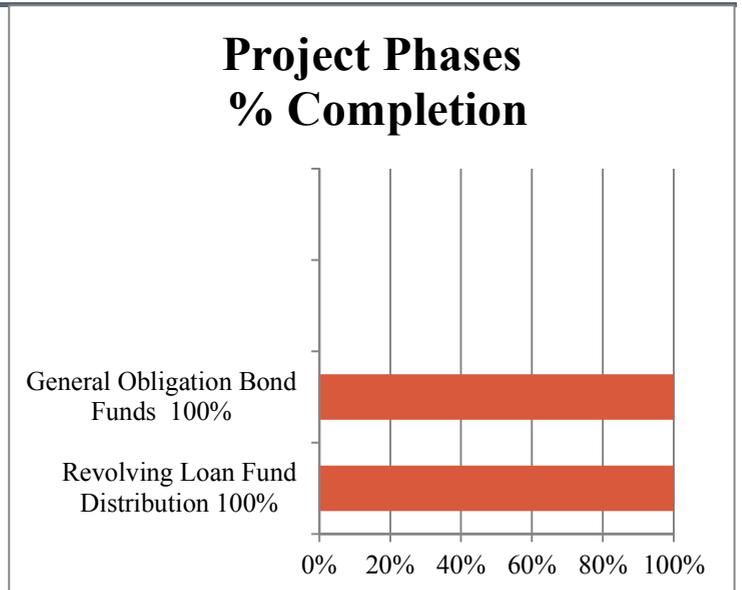


**PROJECT INFORMATION**

Project Name	<b>ASHBURN VOLUNTEER FIRE &amp; RESCUE STATION RENOVATION</b>
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**

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



**Project Completion: Summer 2016**

<b>Project Revenue(s)</b>	
General Obligation Bond Funds	\$3,620,560
Local Tax Funding	\$229,440
Revolving Loan Fund	\$2,400,000
<b>Total Revenue</b>	<b>\$6,250,000</b>

**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 2017 Capital Improvement Program. The Board adopted a CIP Amendment to provide \$200,000 in the FY 2017 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, AVFRC reached terms for final acceptance with the contractor. In the next quarter the contractor will be working to address two larger punch list items.

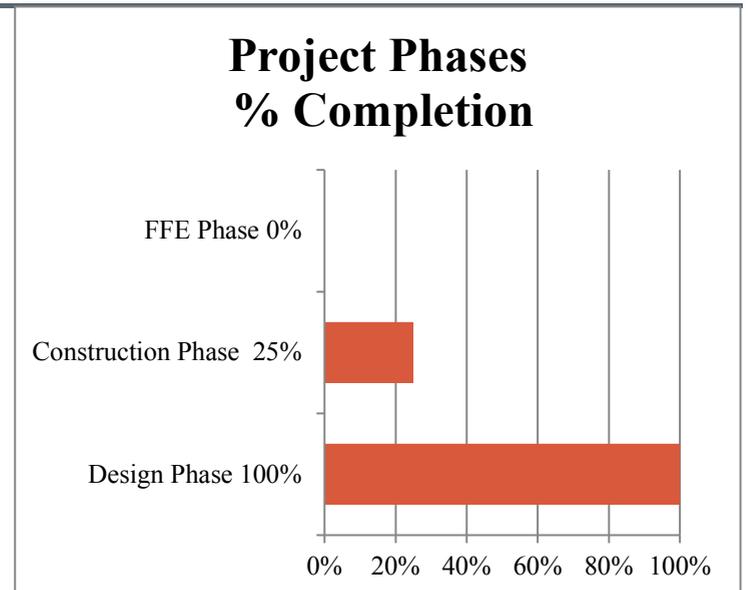


**PROJECT INFORMATION**

Project Name	<b>ASHBURN SHERIFF STATION</b>
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**

<b>Budget</b>	
Design	\$1,529,830
Construction	\$9,350,170
FFE	\$840,000
Land	\$3,119,890
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$14,839,890</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	100%
Construction Phase	25%
FFE Phase	0%
<b>Construction Phase Completion:</b>	<b>Summer 2017</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$11,720,000
Lease Revenue Financing	\$432,145
Local Tax Funding	\$2,687,745
<b>Total Revenue</b>	<b>\$14,839,890</b>



**Project Status Update:**

Callas Contractors began construction activities in March 2016. In this quarter, geothermal wells were drilled, the slab was poured and masonry walls began. In the next quarter, masonry walls will continue, structural steel and roofing installation will begin. The construction duration is approximately 16 months and completion is planned for Summer 2017.

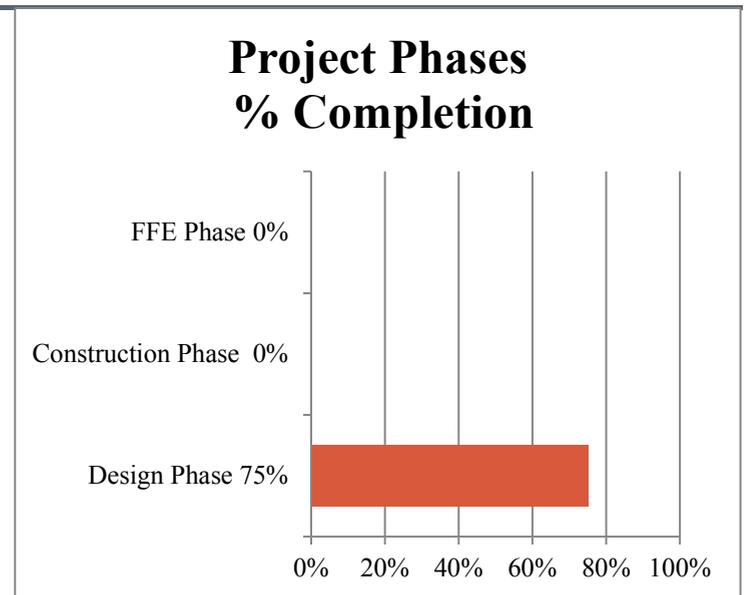


**PROJECT INFORMATION**

Project Name	<b>COURTS PHASE III</b>
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**

<b>Budget</b>	
Design	\$9,554,345
Construction	\$52,372,350
FFE	\$5,000,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$66,926,695</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase 75%	75%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Design Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$64,400,000
Local Tax funding	\$2,526,695
<b>Total Revenue</b>	<b>\$66,926,695</b>



**Project Status Update:**

In this quarter, the Leesburg Board of Architectural Review (BAR) issued its last Certificates of Appropriateness (COAs) for the courthouse project on August 15, 2016. All Town legislative applications have been approved. The courthouse building design is progressing to 75%. In the next quarter, receipt of 75% courthouse plans is expected. The courthouse design phase is anticipated for completion in Spring 2017. Since the new courthouse building cannot be constructed until the Pennington lot parking structure is completed, issuance of an Invitation for Bid (IFB) for the courthouse building is anticipated in Summer 2018 with construction start anticipated in Fall 2018.

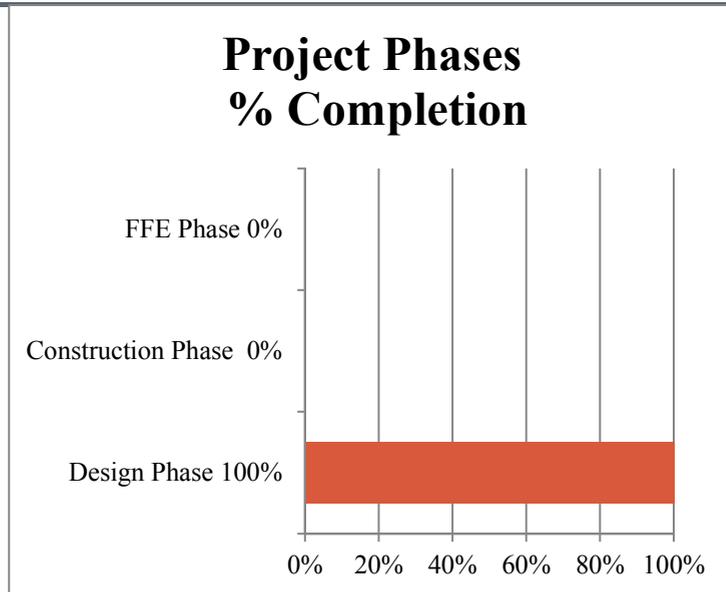


**PROJECT INFORMATION**

Project Name	<b>COURTS PHASE III STRUCTURED PARKING FACILITY</b>
Project Description	This project provides for the design of a new structured parking facility on the Pennington Lot to support the new General District Courthouse. Construction phase funding is included in the FY 2015 CIP.
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**

<b>Budget</b>	
Design	\$0
Construction	\$13,000,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$13,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Construction Phase Completion:</b>	<b>Summer 2016</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$13,000,000
Local Tax funding	\$0
<b>Total Revenue</b>	<b>\$13,000,000</b>



**Project Status Update:**

In this quarter, the Invitation for Bid (IFB) for construction was issued on September 1, 2016 and bids are due in October 2016. In the next quarter, the bids will be evaluated and a contract will be presented to the Finance/Government Operations and Economic Development Committee (FGOEDC) and Board of Supervisors for award.

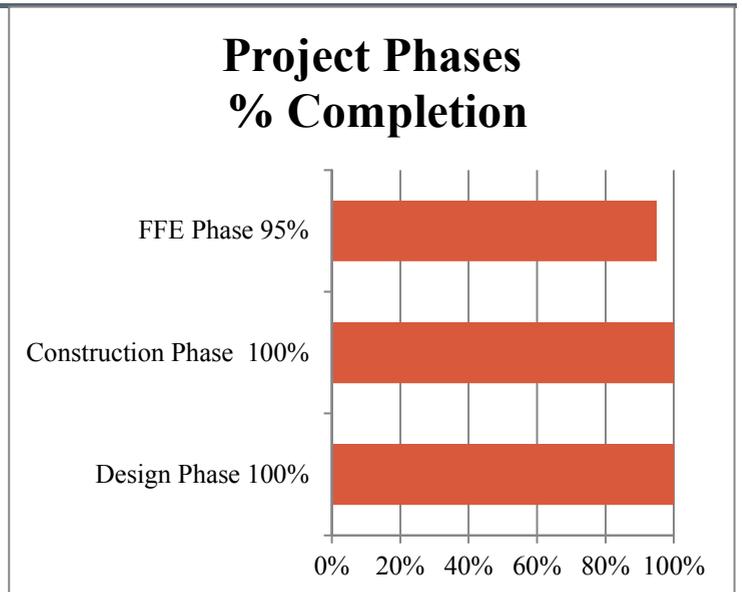


**PROJECT INFORMATION**

Project Name	<b>FIRE &amp; RESCUE TRAINING PROP LOTS</b>
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**

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



**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. Department of Transportation and Capital Infrastructure (DTCI) staff is continually communicating with WMATA to provide a delivery date. WMATA is awaiting new rail cars to be delivered and placed in service to provide a pool of surplus rail cars to make one available to the County.

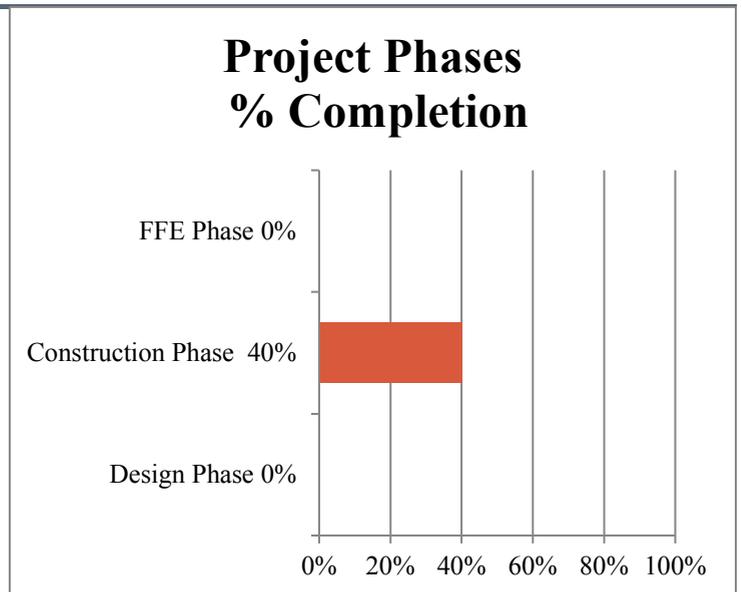


**PROJECT INFORMATION**

Project Name	<b>FIRE STATION ALERTING SYSTEMS</b>
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**

<b>Budget</b>	
Design	\$0
Construction	\$0
FFE	\$740,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$740,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 0%	0%
Construction Phase 40%	40%
FFE Phase 0%	0%
<b>Construction Phase Completion:</b>	<b>Fall 2017</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$740,000
<b>Total Revenue</b>	<b>\$740,000</b>



**Project Status Update:**

In this quarter, system installation was completed at the Dulles South Public Safety Center (PSC). Improvements to facility infrastructure was initiated at the Hamilton PSC and completed at the Philomont Fire Station in preparation for alerting system installation. In the next quarter, alerting system installation work will begin at Philomont Fire Station, and at the Hamilton PSC facility infrastructure work will be completed and alerting system installation work will begin. At Loudoun County Rescue Station in Leesburg, and Cascades PSC system installations are expected to start during 3rd quarter of FY17. The completion of this project has been delayed from Fall 2016 to Fall 2017 due to more extensive renovations required at the facilities. In particular, room renovations are required to provide space to store the equipment and major electrical upgrades are needed to accommodate the load of the new equipment including new emergency generators in some cases.

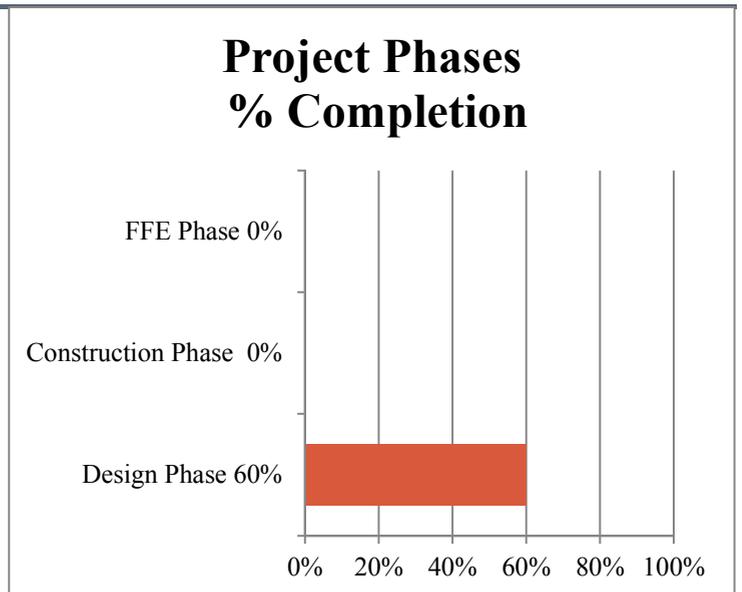


**PROJECT INFORMATION**

Project Name	<b>JUVENILE DETENTION CENTER</b>
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**

<b>Budget</b>	
Design	\$1,108,000
Construction	\$14,248,930
FFE	\$55,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$15,411,930</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 60%	60%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Design Phase Completion:</b>	<b>Summer 2017</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$15,015,000
State Grant	\$396,930
<b>Total Revenue</b>	<b>\$15,411,930</b>



**Project Status Update:**

In this quarter, the facility site was surveyed and the design team initiated Site Plan preparation. The building design is at approximately 60%. In the next quarter, the Site Plan will be submitted to Building and Development (B&D) and the building design will progress toward 75%. Design phase completion has been delayed from Fall 2016 to Summer 2017 due to delays by the Crosstrail Boulevard - Segment A1 contractor placing and compacting fill at the Juvenile Detention Center site and making it available for survey and geotechnical testing.

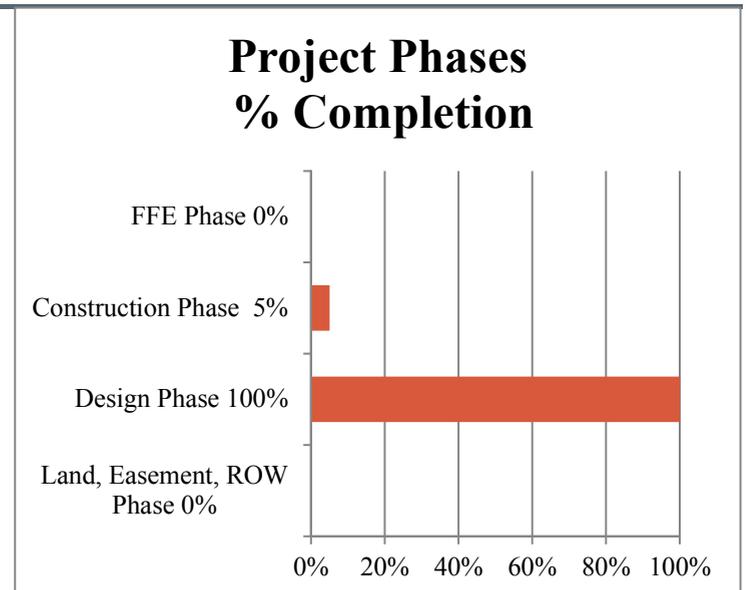


**PROJECT INFORMATION**

Project Name	<b>KIRKPATRICK FIRE &amp; RESCUE STATION</b>
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, 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	Blue Ridge
Supervisor	Buffington

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$1,970,000
Construction	\$8,860,000
FFE	\$2,100,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$12,930,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 100%	100%
Construction Phase 5%	5%
FFE Phase 0%	0%
<b>Construction Phase Completion:</b>	<b>Winter 2017</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$2,500,000
Cash Proffers	\$10,430,000
<b>Total Revenue</b>	<b>\$12,930,000</b>



**Project Status Update:**

In this quarter, at its July 21, 2016 Meeting, the Board of Supervisors approved the construction contract award for Warner Construction in the amount of \$7,316,800. Additionally this quarter, pre-construction submittals were prepared, Notice to Proceed was issued on August 10, 2016, the contractor mobilized onsite, cleared the site and began utility infrastructure work. In the next quarter, utility infrastructure will continue, the building pad and foundations will be completed. A Ground Breaking Ceremony is planned for October 29, 2016. An approximately 15 month construction duration is planned with completion anticipated Winter 2017.

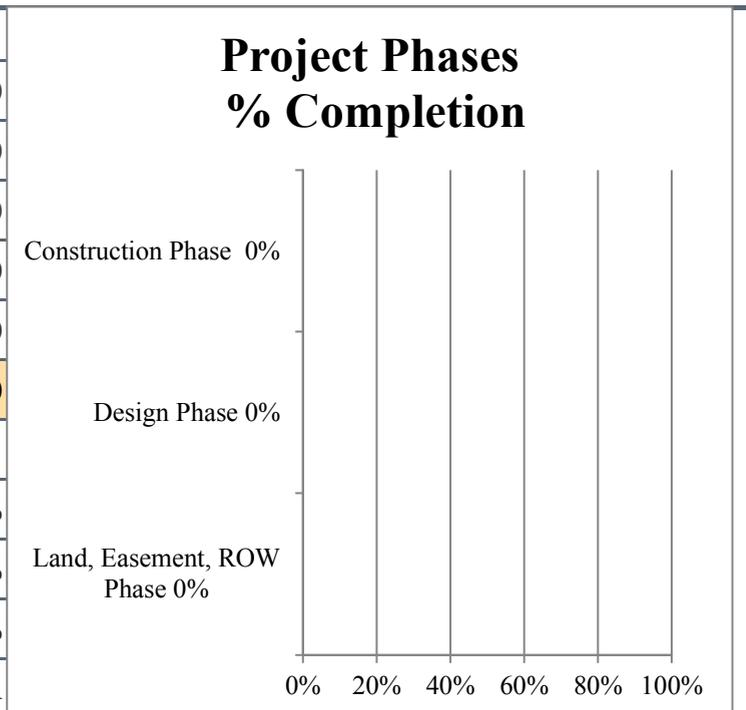


**PROJECT INFORMATION**

Project Name	<b>LEESBURG VOLUNTEER FIRE COMPANY RENOVATION</b>
Project Description	This project provides funding to construct an approximately 8,100 square foot expansion to the Leesburg Fire and Rescue Station #20.
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 703.771.6654 Peter.Hargreaves@loudoun.gov
Election District	Leesburg
Supervisor	Umstattd

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$600,000
Construction	\$3,750,000
FFE	\$250,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$4,600,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$600,000
General Obligation Bonds	\$4,000,000
<b>Total Revenue</b>	<b>\$4,600,000</b>



**Project Status Update:**

In this quarter, a Purchase Order was issued to task order design consultant, Samaha, on August 30, 2016 to initiate design of the fire station renovations. In the next quarter, a meeting with the Leesburg Volunteer Fire Company will be held to review the project scope and discuss design concepts for the renovation. Based on these discussion, a schedule for the design phase will be developed.

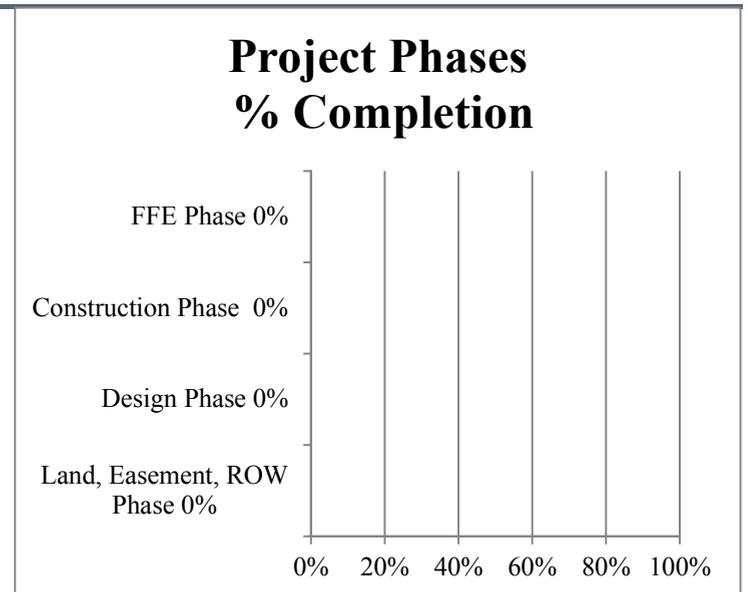


**PROJECT INFORMATION**

Project Name	<b>LOVETTSVILLE FIRE STATION REPLACEMENT</b>
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**

<b>Budget</b>	
Design	\$2,445,000
Construction	\$10,705,000
FFE	\$1,350,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$14,500,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase 0%	0%
Design Phase 0%	0%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$1,000,000
General Obligation Bonds	\$13,500,000
<b>Total Revenue</b>	<b>\$14,500,000</b>



**Project Status Update:**

Over the last several months, the Department of Fire, Rescue, and Emergency Management (DFREM) has 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 current or temporary facilities and possible locations for the new permanent facility. In this quarter, DFREM requested LVFC to formally communicate its preferred development concept so arrangements can begin on land use applications and facility design. In the next quarter, County staff will continue to work with LVFC and Town of Lovettsville on next steps for the design process and potential boundary line adjustments needed to bring the property into the town. Since funding for this project needs November 2016 referendum approval, facility design is expected to begin the third quarter for FY17 (Winter 2017).

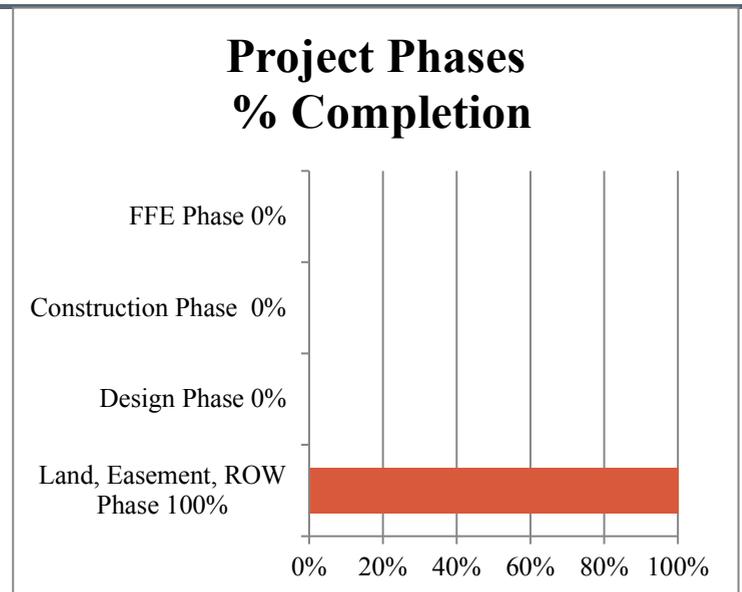


**PROJECT INFORMATION**

Project Name	<b>LUCKETTS FIRE &amp; RESCUE STATION REPLACEMENT</b>
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	Kiran Parikh, DTCI 703.737.8022 Kiran.Parikh@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$1,370,000
Construction	\$9,160,000
FFE	\$2,200,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$12,730,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	0%
Construction Phase	0%
FFE Phase	0%
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$1,240,000
General Obligation Bonds	\$11,490,000
<b>Total Revenue</b>	<b>\$12,730,000</b>



**Project Status Update:**

In this quarter, Department of Transportation and Capital Infrastructure (DTCI) staff obtained a proposal from task order design consultant, Moseley Architects, to design the replacement station. DTCI staff is in communication with Loudoun County Public School (LCPS) staff to determine the feasibility of using the Lucketts Elementary School sewer plant for sanitary discharge from the station. In the next quarter, a Purchase Order (PO) will be issued to Moseley Architects to begin design of the replacement station.

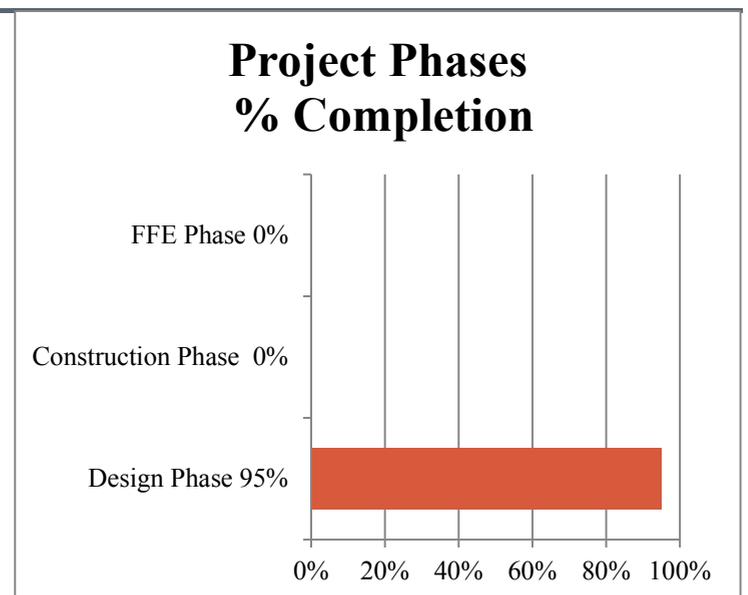


**PROJECT INFORMATION**

Project Name	<b>PUBLIC SAFETY FIRING RANGE</b>
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**

<b>Budget</b>	
Design	\$1,990,000
Construction	\$18,940,890
FFE	\$369,110
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$21,300,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	0%
Design Phase 95%	95%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Design Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$16,000,000
Local Tax Funding	\$5,300,000
<b>Total Revenue</b>	<b>\$21,300,000</b>



**Project Status Update:**

In this quarter, the design consultant, Clark Nexsen, prepared the Firing Range Site Plan and submitted it to the Department of Transportation and Capital Infrastructure (DTCI) for review. In the next quarter, the Site Plan will be submitted to Building and Development (B&D) and road design plans will be submitted to the Virginia Department of Transportation (VDOT) and B&D for a left turn lane addition on southbound Evergreen Mills Road to eastbound Shreve Mill Road as required by the facility's Special Exception (SPEX) Conditions of Approval. Completion of the design phase is delayed from Fall 2016 to Spring 2017 due to difficulties installing and testing the on site drinking well needed for the facility water system design.

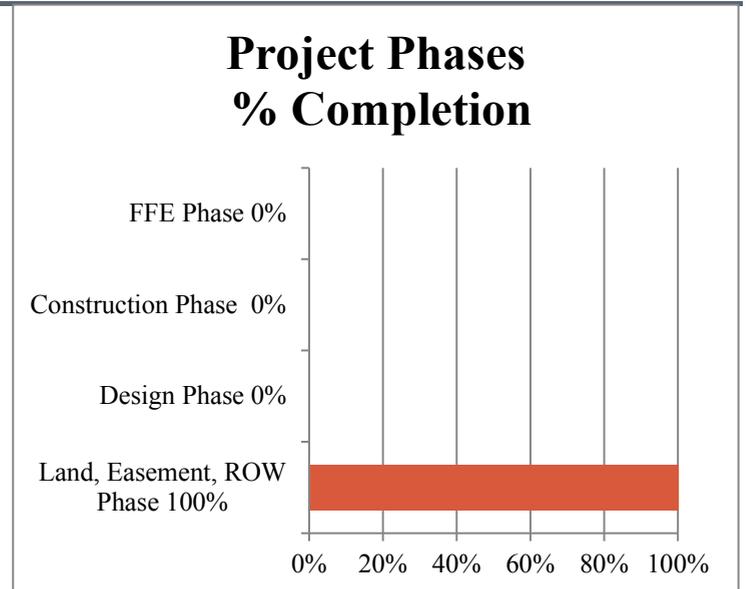


**PROJECT INFORMATION**

Project Name	<b>STERLING FIRE AND RESCUE STATION REPLACEMENT</b>
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**

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



**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. Since this process is taking longer than anticipated, design of the replacement station has been delayed. A design schedule will be established once an agreement is reached.

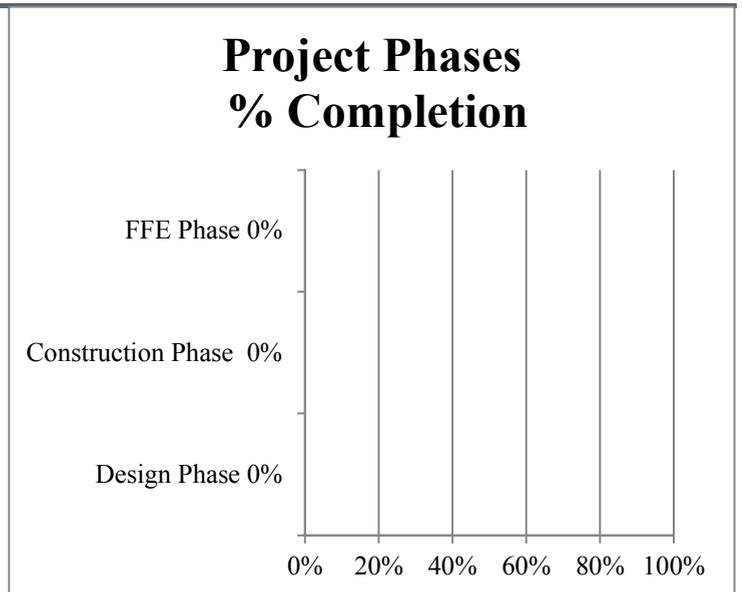


**PROJECT INFORMATION**

Project Name	<b>TRAFFIC SIGNAL PREEMPTION DEVICES</b>
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**

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



**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, DFREM will convene the group of stakeholders and county staff to discuss the project and distribute System Informational Bulletin to solicit interested parties. DFREM's Intent is to kick the project off in earnest in the first quarter of FY18.

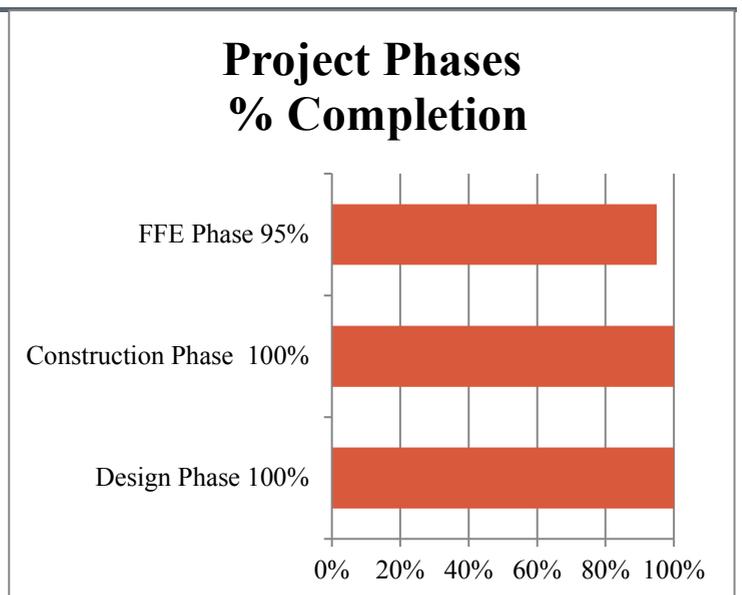


**PROJECT INFORMATION**

Project Name	<b>WESTERN LOUDOUN SHERIFF STATION</b>
Project Description	This project designs and constructs an 8,700 square feet 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**

<b>Budget</b>	
Design	\$1,423,880
Construction	\$5,113,210
FFE	\$397,910
Land	\$1,232,720
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$8,167,720</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 100%	100%
FFE Phase 95%	95%
<b>FFE Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$7,904,600
Local Tax Funding	\$263,120
<b>Total Revenue</b>	<b>\$8,167,720</b>



**Project Status Update:**

A contract was awarded to Lantz Construction Company of Winchester Inc. in Winter 2015. In this quarter, the contractor obtained a Certificate of Occupancy on July 14, 2016 and achieved Substantial Completion for the project on July 15, 2016; punch list work is ongoing. Additionally this quarter, installation of Furniture, Fixtures and Equipment (FFE) began including furniture and technology equipment and the Sheriff's Office began to move operations to the facility. In the next quarter, Final Completion will be achieved and full Sheriff's Office operations will begin with a Ribbon Cutting Ceremony planned for October 22, 2016.

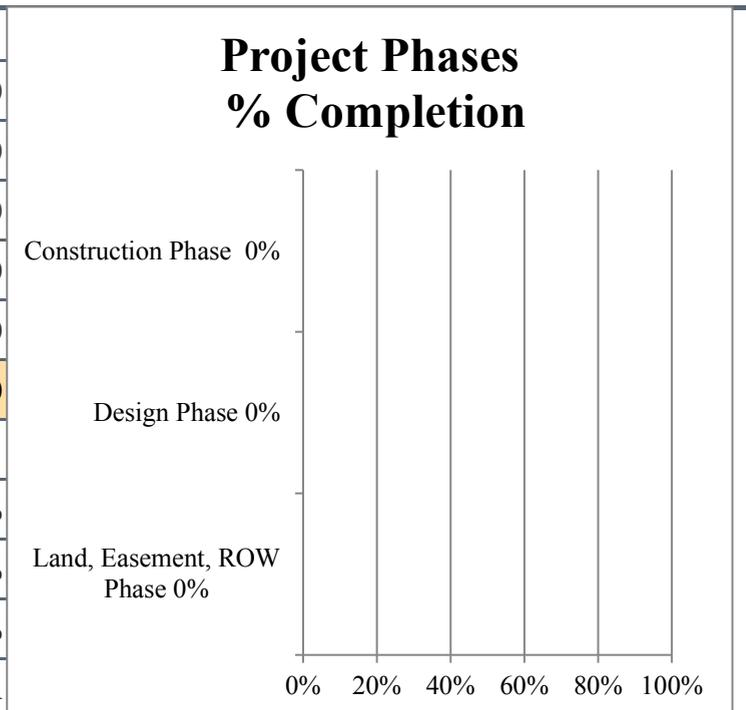


**PROJECT INFORMATION**

Project Name	<b>ASHBURN RECREATION &amp; COMMUNITY CENTER</b>
Project Description	This project provides funding to develop a Recreation Center on an approximately 18 acre proffered site in the Ashburn Planning Subarea off of Belmont Ridge Road.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Sandy Hunter, DTCI 571.258.3034 Sandy.Hunter@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$9,680,000
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$9,680,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$9,680,000
<b>Total Revenue</b>	<b>\$9,680,000</b>



**Project Status Update:**

In this quarter, task order civil engineer, Gordon, began development of a Zoning Concept Plan Amendment (ZCPA) to amend the Broadlands 1994 Concept Development Plan to increase the approved recreation center size to conform with the proposed Capital Improvement Plan (CIP) facility. The ZCPA pre-application meeting was held with the Department of Planning and Zoning on July 26, 2016. In the next quarter, a Request for Proposal (RFP) will be issued to procure design services for the recreation center, the Proposal Analysis Group (PAG) will begin reviewing the design proposals, and the ZCPA will be submitted to the Department of Planning and Zoning for review.

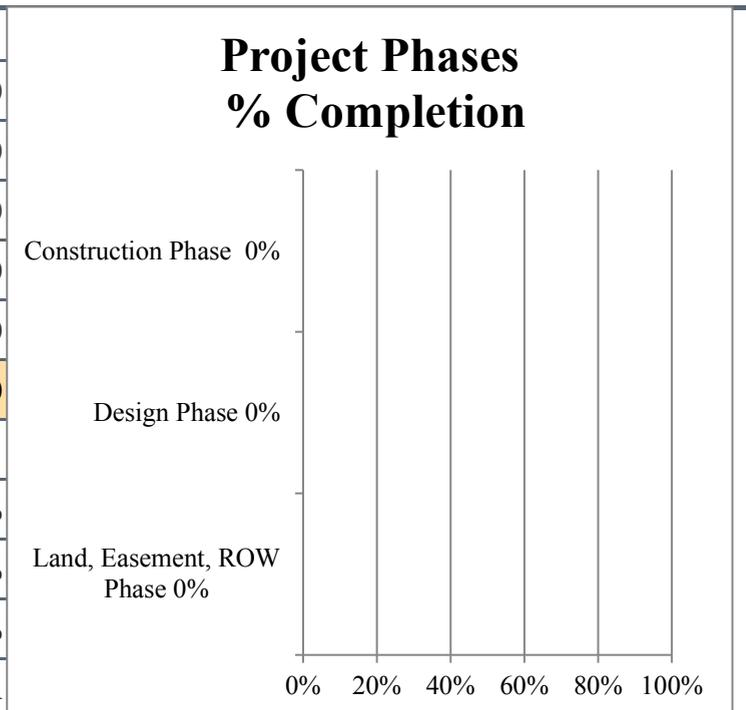


**PROJECT INFORMATION**

Project Name	<b>ASHBURN SENIOR CENTER</b>
Project Description	This project provides funding to construct a Senior Center of up to 15,000 square feet on a 5-acre proffered site in the Ashburn Planning Subarea.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase
Program Department Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
DTCI Contact	Peter Hargreaves, DTCI 703.771.5564 Peter.Hargreaves@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$1,489,460
Construction	\$6,475,000
FFE	\$320,540
Land	\$1,197,900
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$9,482,900</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$9,482,900
<b>Total Revenue</b>	<b>\$9,482,900</b>



**Project Status Update:**

In this quarter, a Purchase Order was issued on August 30, 2016 to task order design consultant, Grimm and Parker Architects, to design the senior center. Department of Transportation and Capital Infrastructure (DTCI) staff is working with the Department of Parks, Recreation, and Community Services (PRCS) staff to verify the facility program. In the next quarter, concept design for the facility will begin.

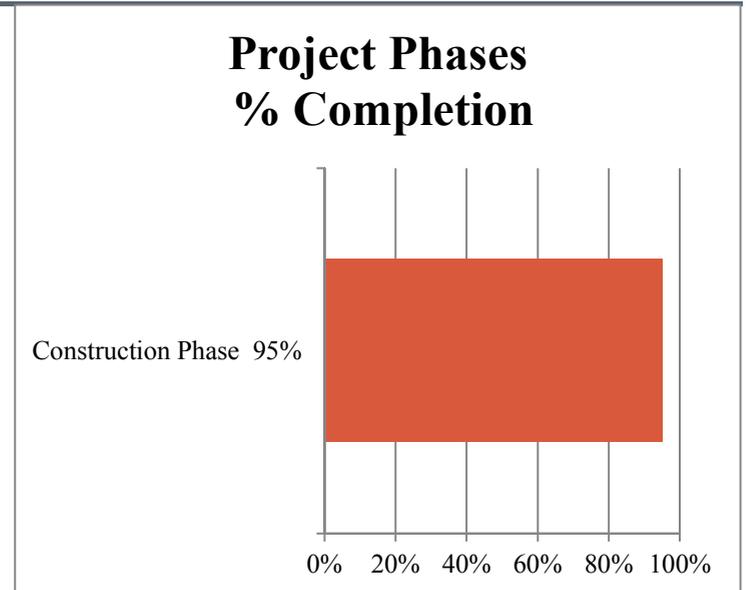


**PROJECT INFORMATION**

Project Name	<b>ATHELTIC FIELD IMPROVEMENTS</b>
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**

<b>Budget</b>	
Design	\$0
Construction	\$2,100,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$2,100,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase N/A	N/A
Construction Phase 95%	95%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$2,100,000
<b>Total Revenue</b>	<b>\$2,100,000</b>



**Project Status Update:**

In this quarter, field renovation was completed at Arcola Elementary and Dominion Trail Elementary Schools and will open for use in October 2016. New transformers need to be installed at Creighton’s Corner and Ashburn Elementary Schools to facilitate power requirements. In the next quarter, PRCS staff will renovate the final field at Liberty Elementary. Water was not found for this site so it will not be irrigated. PRCS will coordinate between its electrical contractor and Dominion and NOVEC Power to have the new transformers installed. Projects are on schedule for completion by December 2016.

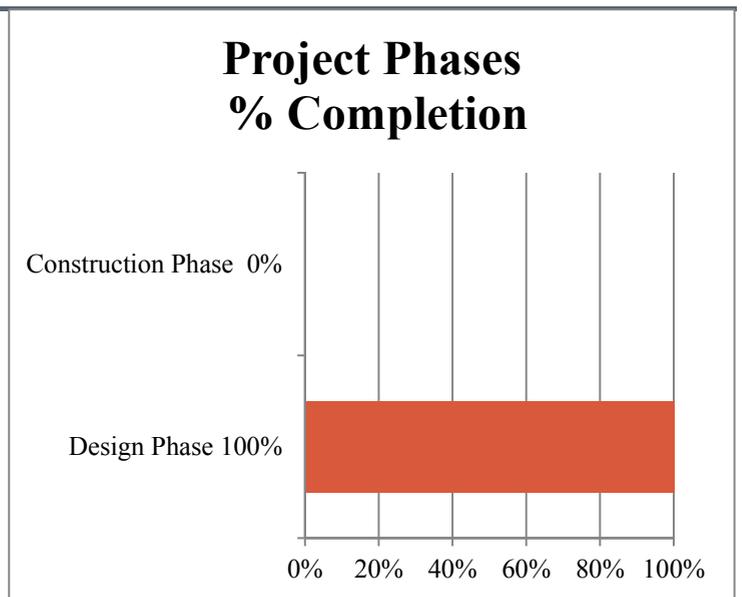


**PROJECT INFORMATION**

Project Name	<b>BLES PARK RESTROOMS</b>
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**

<b>Budget</b>	
Design	\$65,000
Construction	\$216,435
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$281,435</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$281,435
<b>Total Revenue</b>	<b>\$281,435</b>



**Project Status Update:**

In this quarter, updated pricing for the site preparation and utility infrastructure was obtained from a Job Order Contractor and schedule coordination began. In the next quarter, the site preparations will begin for building delivery by the pre-manufactured restroom vendor, Smith-Midland. Construction completion is planned for Fall 2016. Since the restroom at this park is scheduled for winter shut-down between Thanksgiving and March, the restroom will not become operational until Spring 2017.

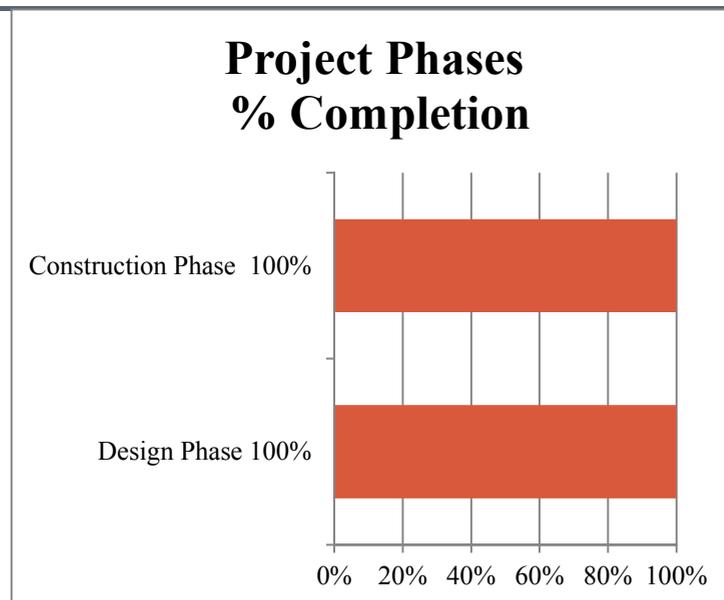


**PROJECT INFORMATION**

Project Name	<b>BRAMBLETON DISTRICT PARK - WEST</b>
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**

<b>Budget</b>	
Design	\$589,010
Construction	\$7,935,890
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$8,524,900</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	100%
Construction Phase	100%
FFE Phase	N/A
<b>Construction Completion (West):</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$8,174,900
Local Tax Funding	\$350,000
<b>Total Revenue</b>	<b>\$8,524,900</b>



**Project Status Update:**

FHP Techtonics began work in December 2015. In this quarter, grading of the parking lot and asphalt paving was completed and the contractor achieved Substantial Completion on September 21, 2016. In the next quarter, punch list will be completed, Dominion Virginia Power will complete the installation of the site lighting in the parking area and the Department of Parks, Recreation and Community Services (PRCS) will complete irrigation system updates for the facility.

\*Budget and Revenue listed includes design and construction for the Eastern and Western Park projects combined. The Eastern portion of the Park has been completed.

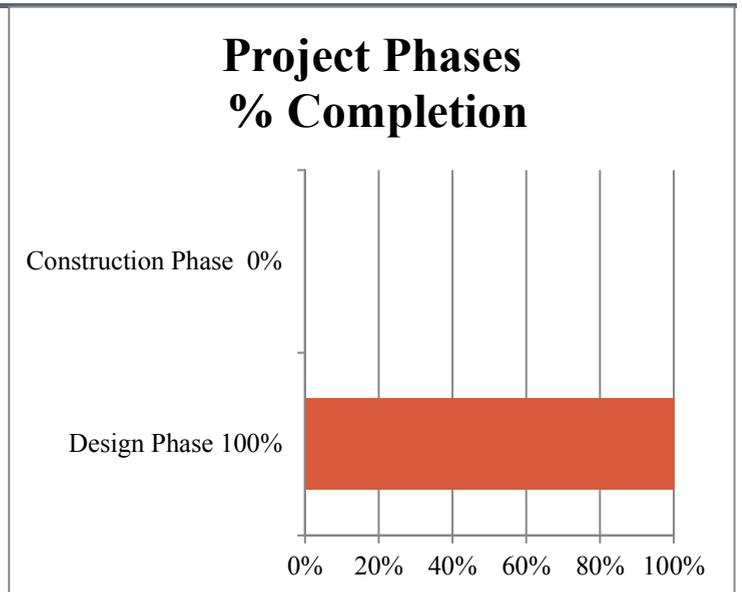


**PROJECT INFORMATION**

Project Name	<b>CLAUDE MOORE PARK RESTROOMS &amp; LIGHTS</b>
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**

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



**Project Status Update:**

In this quarter, an Invitation for Bid (IFB) was drafted to advertise the procurement and installation of the restroom and concession building at this location along with two other park sites. Easement documents for a sanitary sewer easement onto Park View HS were reviewed with Loudoun County Public School (LCPS) and approved by Building and Development (B&D). Department of Transportation and Capital Infrastructure (DTCI) and LCPS staffs are coordinating the execution of the easement. In the next quarter, the IFB will be finalized and advertised. 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 Parks, Recreation, and Community Services (PRCS) to determine if adequate funding exists for additional field lighting.

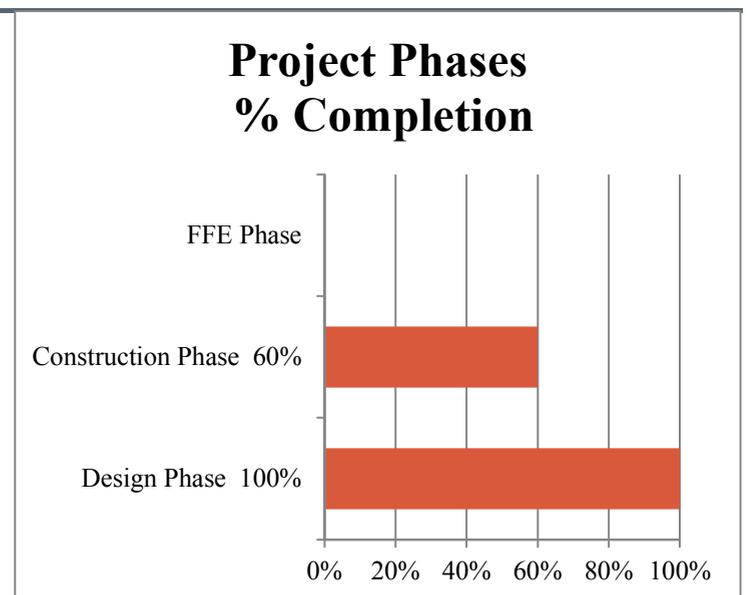


**PROJECT INFORMATION**

Project Name	<b>DULLES SOUTH MULTIPURPOSE CENTER PHASE II</b>
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**

<b>Budget</b>	
Design	\$1,534,445
Construction	\$39,635,555
FFE	\$1,250,000
Land	
Proffered Land	
<b>Total Project Cost:</b>	<b>\$42,420,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 60%	60%
FFE Phase	0%
<b>Construction Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$23,155,000
Cash Proffers	\$19,265,000
<b>Total Revenue</b>	<b>\$42,420,000</b>



**Project Status Update:**

Forrester Construction Company was awarded the contract for construction in June 2015. In this quarter, concrete masonry unit (CMU) walls and split face block began, roofing was completed and EIFS at the parapet began. Additionally this quarter, water testing of the pool and paving of the parking lot were underway. The contractor was awarded an additional 35 days this quarter associated with a change upgrading the pool areas HVAC and dehumidification systems and minor field changes during construction. In the next quarter, mechanical, electrical and sprinkler work will continue and window and storefront installation will be underway. Construction completion is planned for Spring 2017.

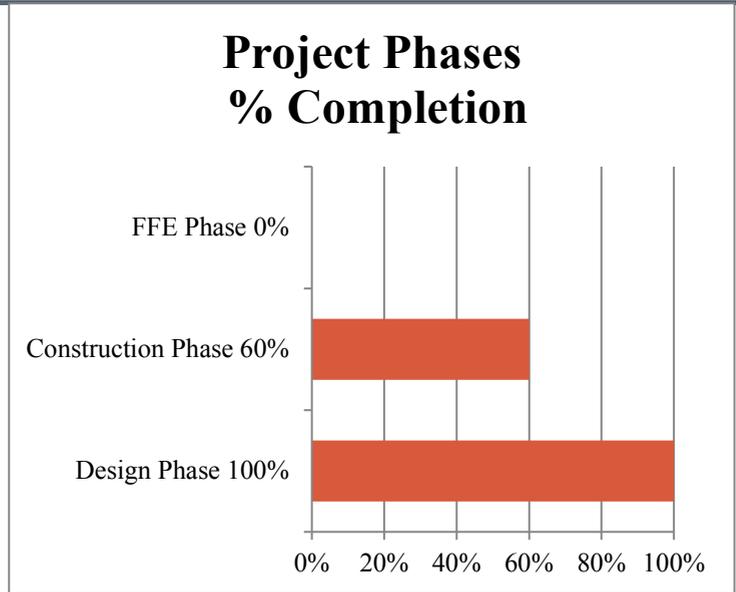


**PROJECT INFORMATION**

Project Name	<b>DULLES SOUTH MULTIPURPOSE CENTER PHASE III</b>
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**

<b>Budget</b>	
Design	\$675,000
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$675,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 60%	60%
FFE Phase 0%	0%
<b>Construction Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$675,000
<b>Total Revenue</b>	<b>\$675,000</b>



**Project Status Update:**

Forrester Construction Company was awarded the contract for construction in June 2015. In this quarter, concrete masonry unit (CMU) walls and split face block began, roofing was completed and EIFS at the parapet began. Additionally this quarter, water testing of the pool and paving of the parking lot were underway. The contractor was awarded an additional 35 days this quarter associated with a change upgrading the pool areas HVAC and dehumidification systems and minor field changes during construction. In the next quarter, mechanical, electrical and sprinkler work will continue and window and storefront installation will be underway. Construction completion is planned for Spring 2017.

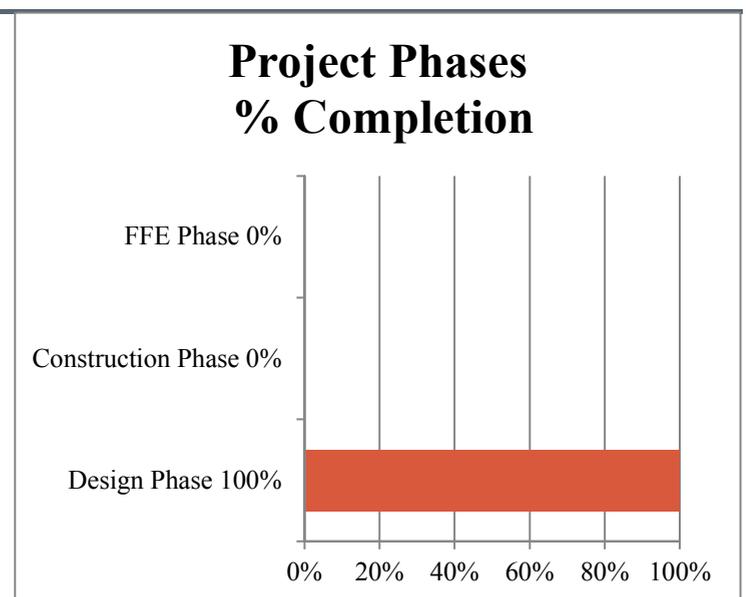


**PROJECT INFORMATION**

Project Name	<b>EDGAR TILLET MEMORIAL PARK</b>
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	Don Bredice, DTCI 703.737.8298 Don.Bredice@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

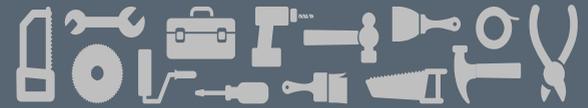
**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$451,565
Construction	\$1,919,725
FFE	\$8,115
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$2,379,405</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Construction Phase Completion:</b>	<b>Summer 2017</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$2,379,405
<b>Total Revenue</b>	<b>\$2,379,405</b>



**Project Status Update:**

In this quarter, the Invitation for Bid (IFB) was issued on August 19, 2016 and bids were received on September 26, 2016. In the next quarter, the bids will be evaluated and a contract will be presented to the Finance/Government Operations and Economic Development Committee (FGOEDC) and Board of Supervisors for award. A six month construction duration is planned. Construction completion is planned for Summer 2017 which is a delay based on the previously reported Spring 2017 completion. The delay is based on the deferment of the bid for this project to follow the completion of Brambleton Park West.

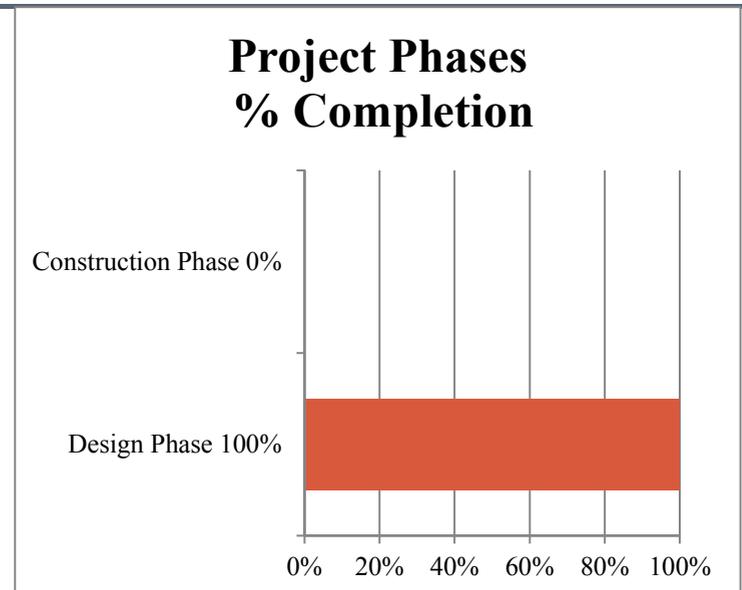


**PROJECT INFORMATION**

Project Name	<b>E.E. LAKE STORE</b>
Project Description	This project 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**

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



**Project Status Update:**

An Invitation for Bid (IFB) was re-issued on March 8, 2016 and bids were received on April 13, 2016. In this quarter, the evaluation of the bids by the County and Virginia Department of Transportation (VDOT) as required by the project's MAP-21 funding was completed. VDOT gave authorization to award the construction contract on September 19, 2016. In the next quarter, a contract will be presented to the Finance/Government Operations and Economic Development Committee (FGOEDC) on October 11, 2016 and, upon approval, to the full Board of Supervisors for award. A nine month construction duration is planned. This project was previously reported with construction completion in Fall 2016, however based on VDOT review of the bids, construction is now planned for completion in Summer 2017.

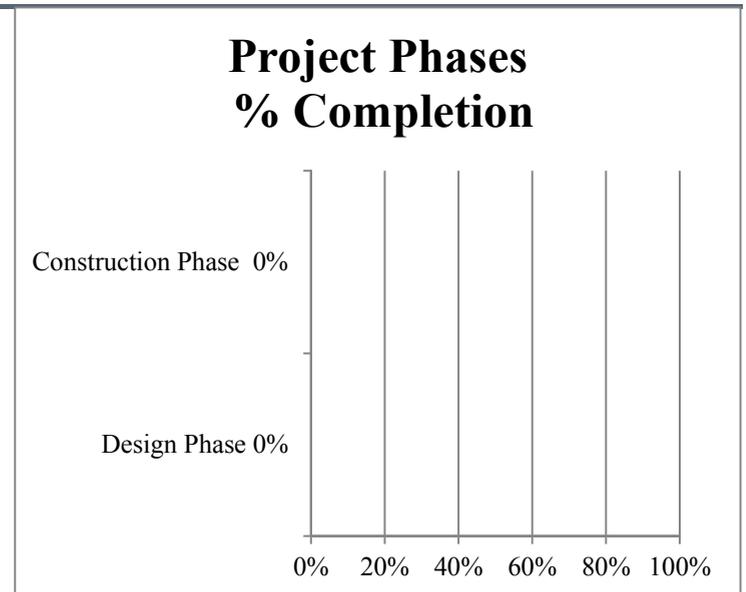


**PROJECT INFORMATION**

Project Name	<b>FIELDS FARM PARK - ULYFL STADIUM AND SOFTBALL FIELD LIGHTS</b>
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**

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



**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. The Department of Transportation and Capital Infrastructure (DTCI) is working with Parks, Recreation, and Community Services (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.

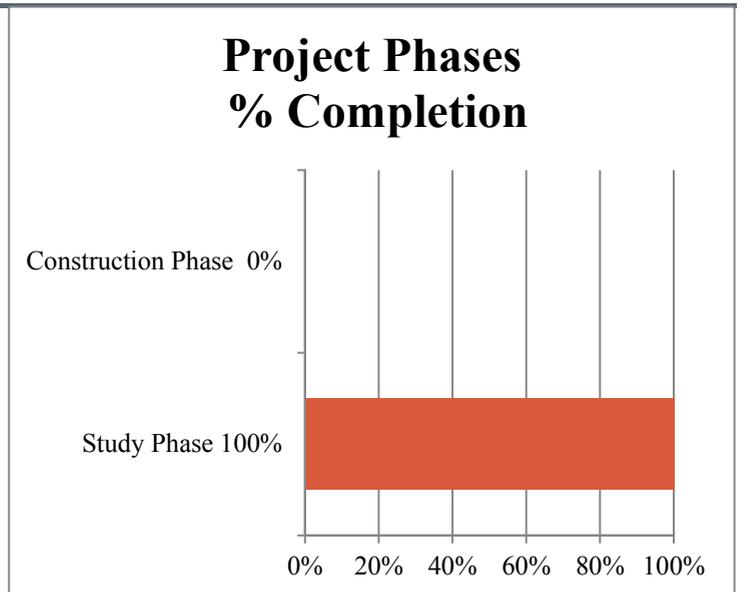


**PROJECT INFORMATION**

Project Name	<b>FRANKLIN PARK TO PURCELLVILLE TRAIL</b>
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**

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



**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 Spring 2016, Department of Transportation and Capital Infrastructure (DTCI) staff reviewed the alignment options and narrowed the potential options to two. In the next quarter, DTCI staff will schedule a Public Information meeting to obtain public comment on the proposed trail alignments. After receiving public comment, DTCI staff will prepare an item for a future Board of Supervisor's meeting to obtain endorsement of the preferred alignment. This project only funds the preparation of an alignment study and preliminary design. Funding for final design and construction is projected for FY22 in the adopted FY17 County budget.

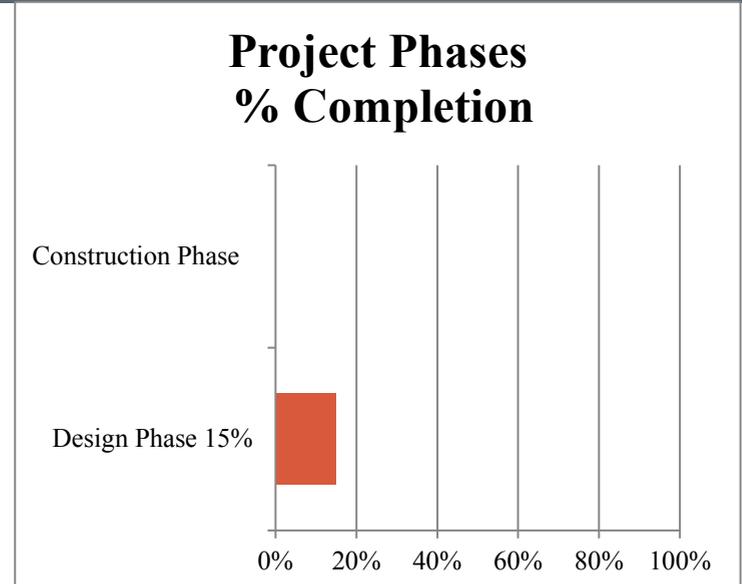


**PROJECT INFORMATION**

Project Name	<b>HAL &amp; BERNI HANSON REGIONAL PARK</b>
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**

<b>Budget</b>	
Design	\$5,962,620
Construction	\$23,557,700
FFE	\$0
Land	
Proffered Land	
<b>Total Project Cost:</b>	<b>\$29,520,320</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase 15%	15%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Fall 2017</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$29,430,165
Local Tax Funding	\$90,155
<b>Total Revenue</b>	<b>\$29,520,320</b>



**Project Status Update:**

In this quarter, the design consultant, Lose & Associates, finalized the park concept plan and began developing the detailed design documents. A Site Plan pre-application meeting with Building and Development (B&D) was conducted on August 31, 2016. In the next quarter, the Site Plan for the park will be submitted to B&D for review and the overall park design will continue. The design phase is anticipated for completion in Fall 2017.

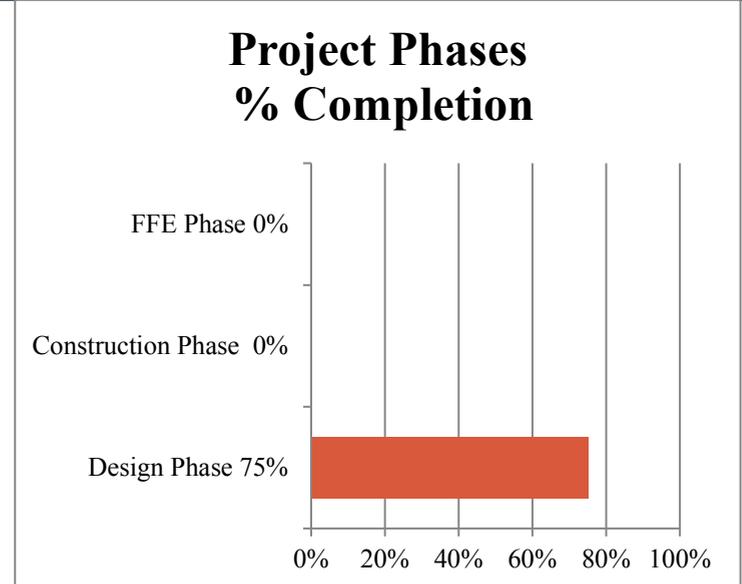


**PROJECT INFORMATION**

Project Name	<b>LOVETTSVILLE COMMUNITY CENTER</b>
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**

<b>Budget</b>	
Design	\$1,016,505
Construction	\$8,161,495
FFE	\$202,000
Land	
Proffered Land	
<b>Total Project Cost:</b>	<b>\$9,380,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 75%	75%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Design Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$7,380,000
Local Tax Funding	\$2,000,000
<b>Total Revenue</b>	<b>\$9,380,000</b>



**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, the design consultant, LSY, to submitted a revised 75% design package to Department of Transportation and Capital Infrastructure (DTCI) staff for review. Due to concerns regarding the constructability of the community center and the need to break the construction into multiple phases, DTCI has issued a Purchase Order to task order construction services consultant, Alpha Corporation, to review the design to determine if alternate project execution methods exist to speed the construction time and make the project more cost effective. In the next quarter, the results of the constructability study will be reviewed and the facility design will be adjusted as needed. If significant adjustments are need to the facility design or execution methods, completion of the design will be delayed. Currently, design phase completion is anticipated in Fall 2016.

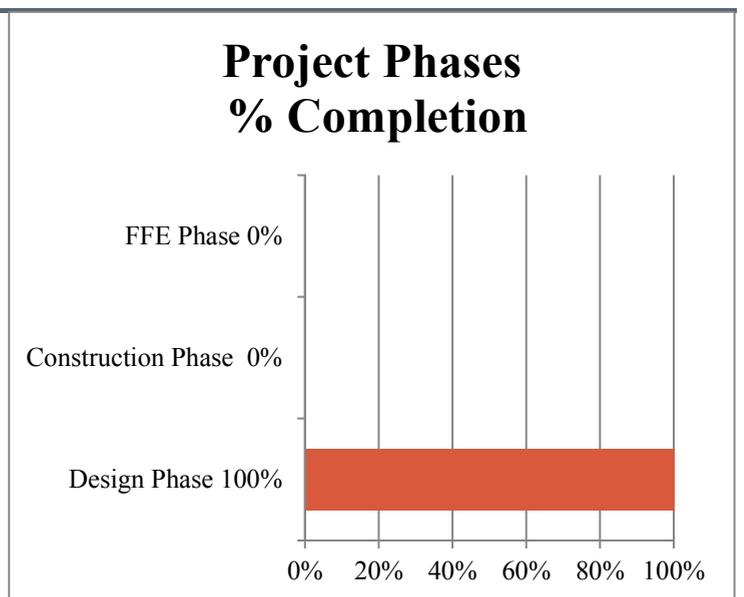


**PROJECT INFORMATION**

Project Name	<b>LOVETTSVILLE DISTRICT PARK ROAD IMPROVEMENTS</b>
Project Description	This project provides for the design and construction of intersection improvements to the East Broad Way, Lovettsville Road, and Milltown Road intersection adjacent to Lovettsville Park. The project also provides a right turn lane from Milltown Road to Lovettsville Road and from Milltown Road into 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	Don Bredice, DTCI 703.737.8298 Don.Bredice@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

**PROJECT BUDGET & SCHEDULE**

<b>* Budget</b>	
Design	\$0
Construction	\$0
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$0</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	100%
Design Phase	100%
Construction Phase	0%
FFE Phase	0%
<b>Construction Phase Completion:</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$0
Gas Tax	\$0
Total Revenue	\$0



**Project Status Update:**

In this quarter, at its July 21, 2016 Meeting, the Board of Supervisors approved the contract award for construction for Jefferson Asphalt Products Company in the amount of \$1,090,434. Additionally this quarter, Dominion Virginia Power completed its relocation, a Kick Off Meeting was held, pre-construction submittals were prepared and Notice to Proceed (NTP) was issued on September 27, 2016. In the next quarter, the contractor will mobilize onsite, erosion and sediment controls measures will be installed and Comcast coordination will begin. Construction is planned for approximately 6.5 months with completion planned for Spring 2017.

\*Design and construction budget for the road improvements is funded in the Lovettsville Park project.

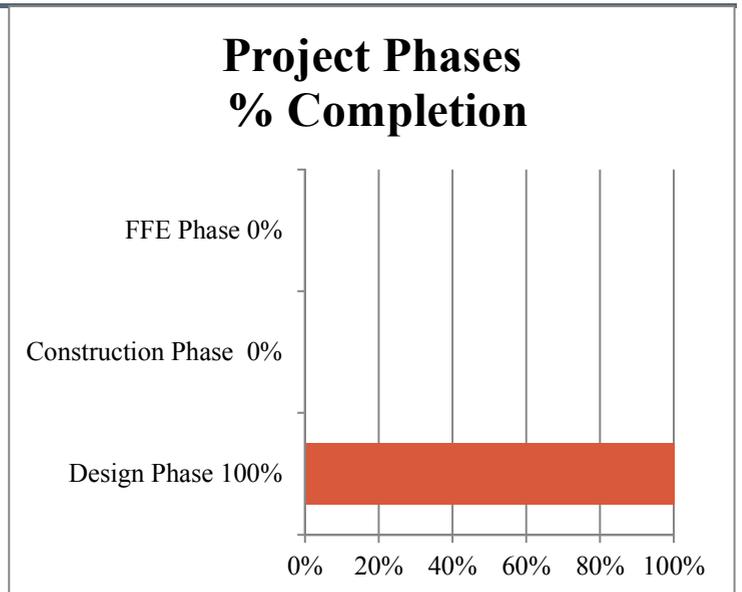


**PROJECT INFORMATION**

Project Name	<b>LOVETTSVILLE DISTRICT PARK</b>
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**

<b>Budget</b>	
Design	\$978,560
Construction	\$8,429,960
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$9,408,520</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	90%
Design Phase	100%
Construction Phase	0%
FFE Phase	0%
<b>Design Phase Completion:</b>	<b>Spring 2016</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$9,000,000
Gas Tax	\$408,520
<b>Total Revenue</b>	<b>\$9,408,520</b>



**Project Status Update:**

Park design is complete and final site plan approval is pending recordation of final deeds. Consistent with the park Special Exception conditions, the road improvements will be constructed prior to the park improvements. 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 (2) 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.

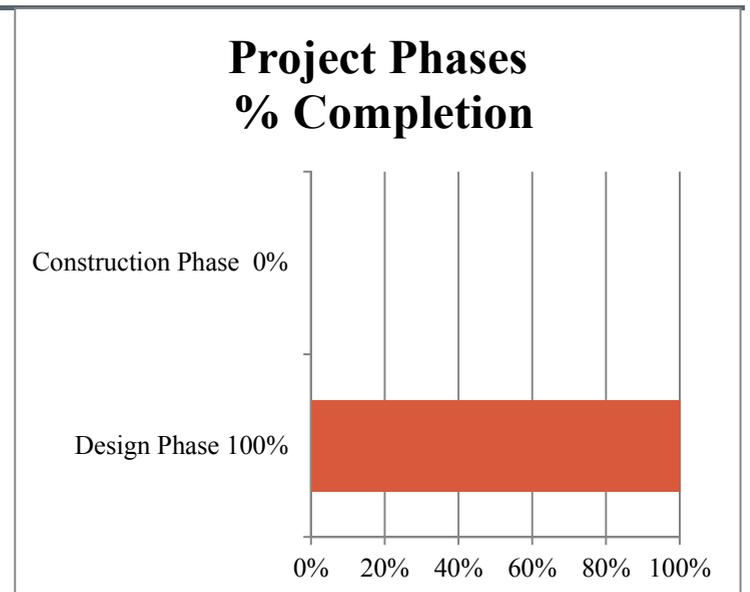


**PROJECT INFORMATION**

Project Name	<b>LYNDORA PARK RESTROOMS</b>
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**

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



**Project Status Update:**

In this quarter, updated pricing for the site preparation and utility infrastructure was obtained from a Job Order Contractor and schedule coordination began. In the next quarter, the site preparations will begin for building delivery by the pre-manufactured restroom vendor, Smith-Midland. Construction completion is planned for Fall 2016. Since the restroom at this park is scheduled for winter shut-down between Thanksgiving and March, the restroom will not become operational until Spring 2017.

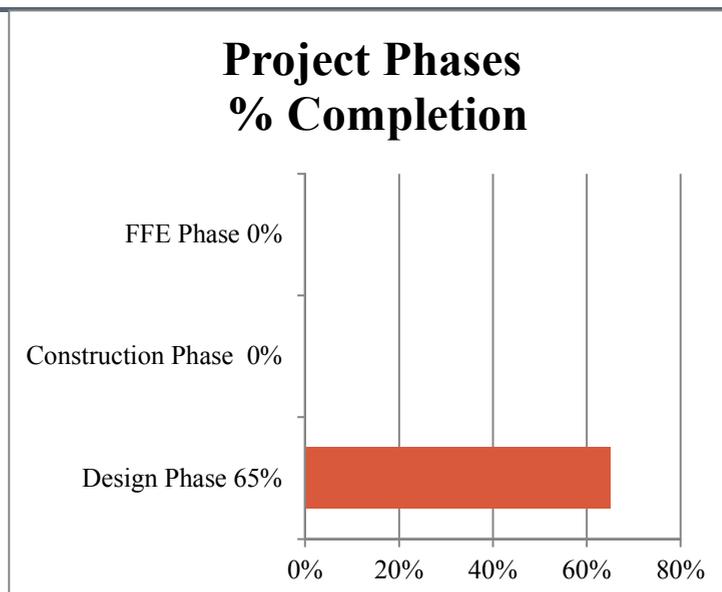


**PROJECT INFORMATION**

Project Name	<b>MOOREFIELD STATION COMMUNITY PARK</b>
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**

<b>Budget</b>	
Design	\$1,100,000
Construction	\$5,990,000
FFE	\$400,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$7,490,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	65%
Construction Phase	0%
FFE Phase	0%
<b>Design Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$7,490,000
<b>Total Revenue</b>	<b>\$7,490,000</b>



**Project Status Update:**

The park Site Plan was submitted to Building and Development (B&D) on June 30, 2016. In this quarter, the design consultant, J2 Engineers, received Site Plan comments from B&D and updated the plans in response. The design plans are being progressed toward 100%. In the next quarter, the Site Plan will be resubmitted to B&D and 100% construction documents will be prepared. The initial site survey revealed a large soil stockpile of approximately 60,000 cubic yards 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 for use on future projects in the area. Stockpiled soil samples indicate it has poor engineering properties and cannot be used for the park athletic field 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. Instead of removing the soil from the site at an approximate cost of \$1 million, J2 Engineers is integrating the soil into the park design in a manner so it will not adversely affect the athletic fields at approximately half the removal cost. An updated park construction cost estimate is pending to determine if additional funding is still required to address the soil stockpile. Design completion is anticipated in Fall 2016.

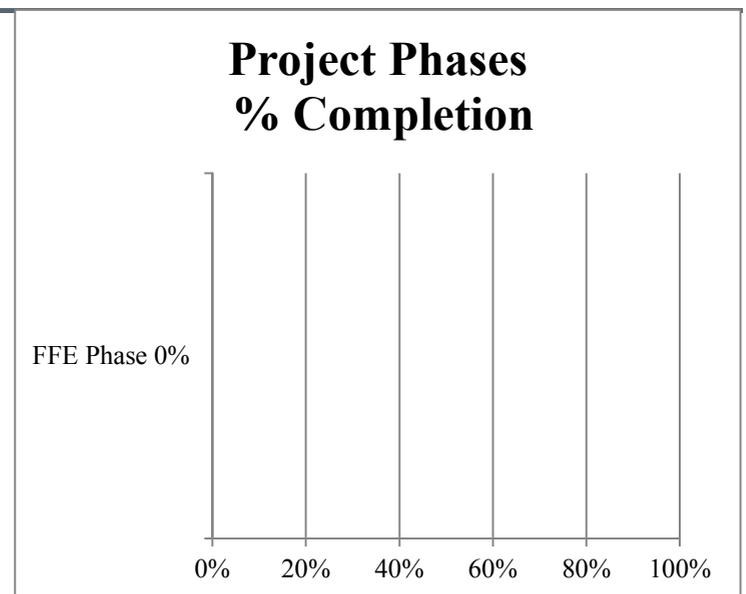


**PROJECT INFORMATION**

Project Name	<b>POTOMAC GREEN COMMUNITY PARK</b>
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	Kelly Griffin, DTCI 703.737.8299 Kelly.Griffin@loudoun.gov
Election District	Broad Run
Supervisor	Meyer

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$800,000
Construction	\$1,984,005
FFE	\$465,995
Land	
Proffered Land	
<b>Total Project Cost:</b>	<b>\$3,250,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 95%	95%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Design Phase Completion:</b>	<b>Summer 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$3,250,000
<b>Total Revenue</b>	<b>\$3,250,000</b>



**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 \$2.5 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 Site Plan Amendment was approved by Building and Development (B&D) on July 29, 2016. The design consultant, Gordon, is preparing final construction documents. In the next quarter, the construction documents will be finalized and an Invitation for Bid (IFB) will be prepared to bid the project.

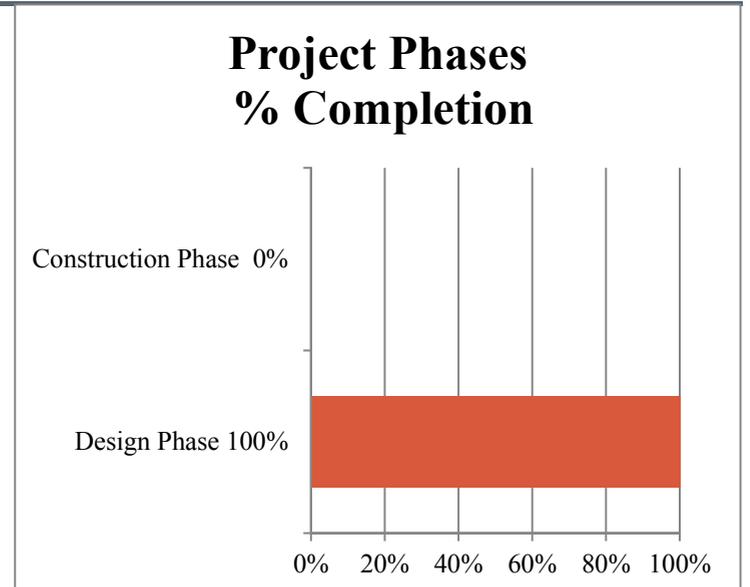


**PROJECT INFORMATION**

Project Name	<b>SCOTT JENKINS MEMORIAL PARK - PHASE II</b>
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**

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



**Project Status Update:**

In this quarter, bids were received on July 19, 2016 and all bids were above the available project budget. Based on the lowest responsible bid, approximately \$2.4 million is required to complete the full project scope. Since Department of Transportation and Capital Infrastructure (DTCI) and Management and Budget staff have not been able to identify a source for supplemental funding, DTCI is reviewing scope reduction options with the Department of Parks, Recreation, and Community Services.

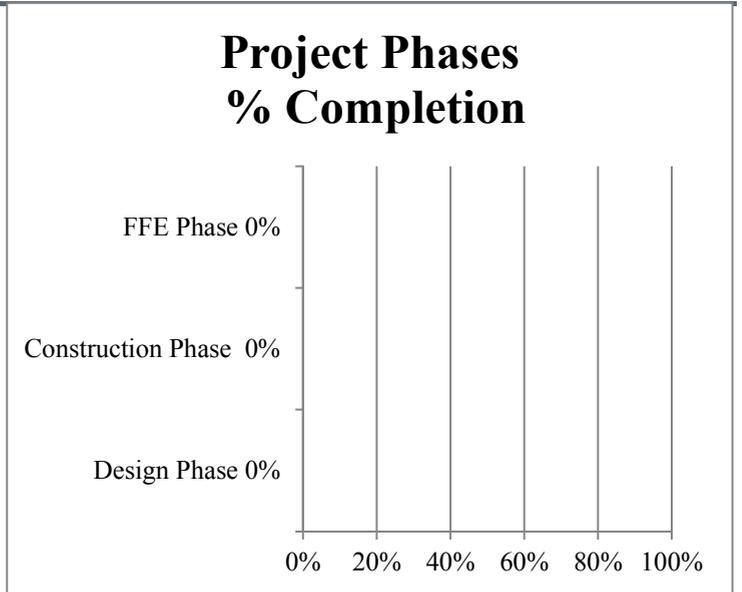


**PROJECT INFORMATION**

Project Name	<b>STERLING COMMUNITY CENTER</b>
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	Sandy Hunter, DTCI 571.258.3034 Sandy.Hunter@loudoun.gov
Election District	Sterling
Supervisor	Saines

**PROJECT BUDGET & SCHEDULE**

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



**Project Status Update:**

In this quarter, the Board of Supervisors at its July 5, 2016 business meeting directed County staff to enter into contract negotiations and perform due diligence research to acquire the land parcel adjacent to the Sterling Community Center. The additional land may provide a more cost effective way to address the renovated community center's parking needs instead of building a structured parking facility on the current community center property. In the next quarter, Department of Transportation and Capital Infrastructure (DTCI) staff will present a closed session item to the Board at its October 4, 2016 business meeting with the due diligence research results. Development of the project scope of work and issuance of a purchase order to a task order design consultant will occur after the land acquisition issue is finalized.

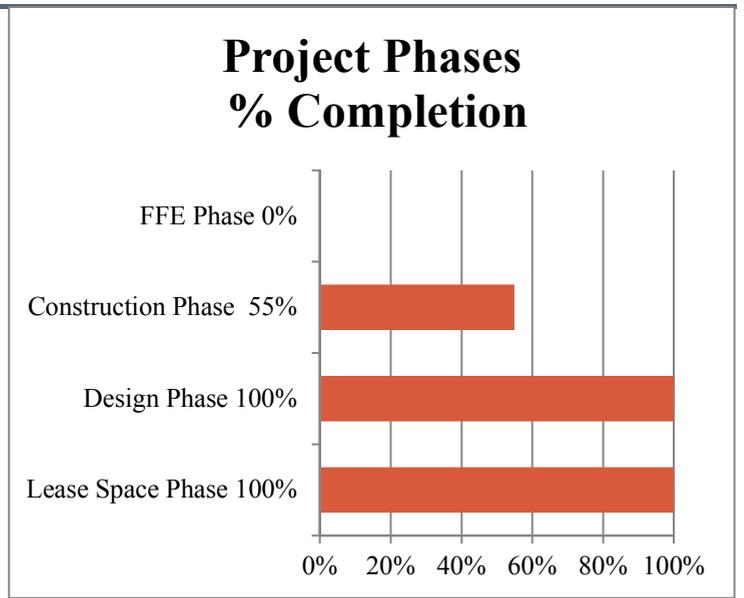


**PROJECT INFORMATION**

Project Name	<b>STERLING LIBRARY</b>
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**

<b>Budget</b>	
Design	\$2,150,580
Construction	\$3,374,420
FFE	\$975,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$6,500,000</b>
<b>Project Phase Progress:</b>	
Lease Space Phase 100%	100%
Design Phase 100%	100%
Construction Phase 55%	55%
FFE Phase 0%	0%
<b>Construction Phase Completion:</b>	<b>Winter 2017</b>
<b>Project Revenue(s)</b>	
General Obligation Bonds	\$4,850,000
Cash Proffers	\$1,650,000
<b>Total Revenue</b>	<b>\$6,500,000</b>



**Project Status Update:**

Marion Construction, Inc. was awarded the construction contract in December 2015. In this quarter, electrical service connections were completed as was the installation of the roof curbs and the landlord-provided roof top air handling units were set in mid-September 2016. As a result, of these delays, the contractor has been awarded 79 additional days this quarter. In the next quarter, interior finishes installation will be underway. A previously reported delay in lease commencement directly delays the library opening from September 1, 2016 to October 15, 2016 per the lease. However, the overall project completion has been delayed to Winter 2017. A 90 day period for Furniture, Fixture and Equipment (FFE) installation will follow.

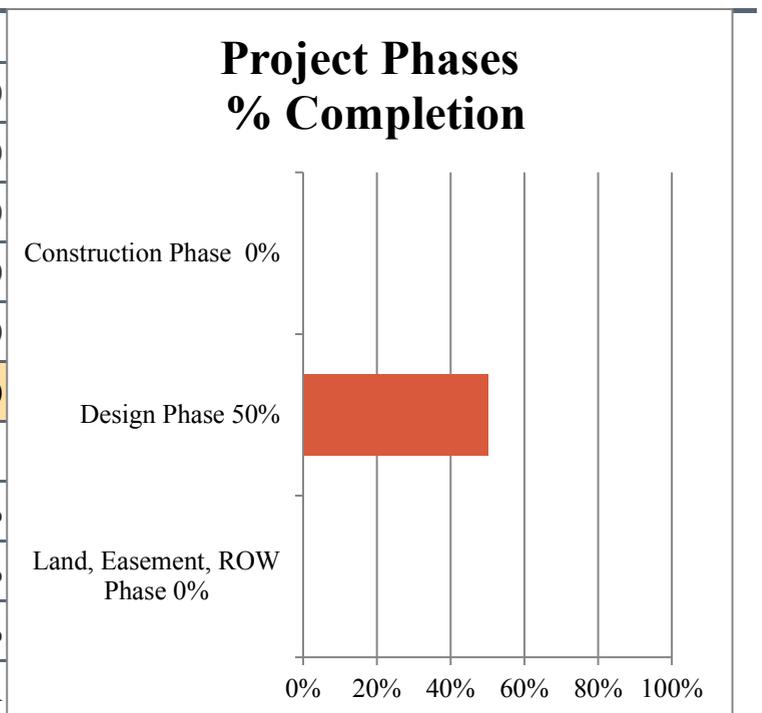


**PROJECT INFORMATION**

Project Name	<b>TOWN OF ROUND HILL SLEETER LAKE PARK</b>
Project Description	This project provides for the construction of improvements to the existing road network and development of a new system of trails to facilitate the opening of Sleeter Lake Park.
Project Type	Parks, Recreation and Culture Facilities
Project Phase Funding	Design Phase
Program Department Contact	Buster Nicholson, Town of Round Hill 540.338.7878 bnicholson@roundhillva.org
DTCI Contact	Mark Hoffman, DTCI 703.771.5323 Mark.Hoffman@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$0
Construction	\$173,460
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$173,460</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	0%
Design Phase	50%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$173,460
<b>Total Revenue</b>	<b>\$173,460</b>



**Project Status Update:**

In this quarter, the Town of Round Hill submitted a Site Plan Amendment (SPAM) to Building and Development (B&D) on July 7, 2016 to construct a picnic area and driveway access road to Sleeter Lake. B&D provided plan comments to the Town on August 3, 2016. In the next quarter, the Town will resubmit the SPAM addressing B&D's comments. The Town plans to complete construction of the improvements in Spring 2017.

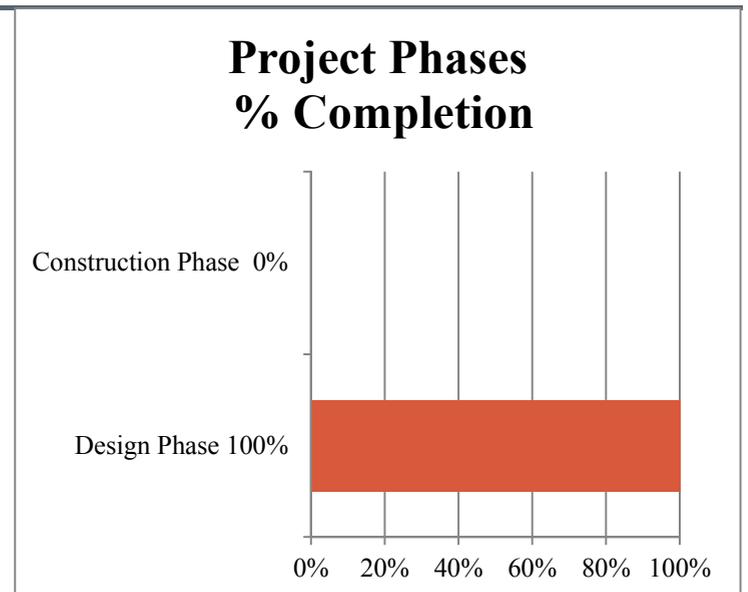


**PROJECT INFORMATION**

Project Name	<b>TRAILSIDE PARK RESTROOMS</b>
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**

<b>Budget</b>	
Design	\$55,000
Construction	\$220,030
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$275,030</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Cash Proffers	\$275,030
<b>Total Revenue</b>	<b>\$275,030</b>



**Project Status Update:**

In this quarter, an Invitation for Bid (IFB) was drafted to advertise the procurement and installation of the restroom building at this location along with two other park sites. In the next quarter, the IFB will be finalized and advertised. Upon award, the Department of Transportation and Capital Infrastructure (DTCI) will work with the successful contractor to develop a construction schedule to complete the project.

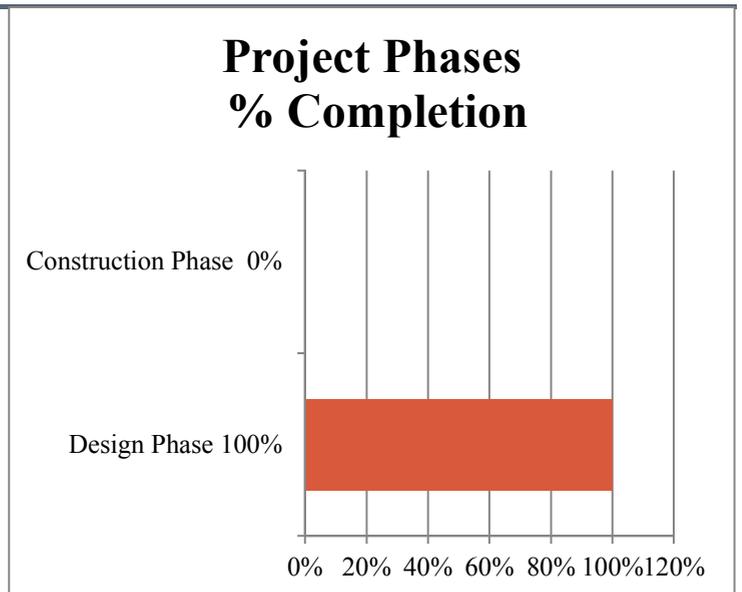


**PROJECT INFORMATION**

Project Name	<b>WOODGROVE PARK RESTROOMS</b>
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**

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



**Project Status Update:**

In this quarter, an Invitation for Bid (IFB) was drafted to advertise the procurement and installation of the restroom building at this location along with two other park sites. In the next quarter, the IFB will be finalized and advertised. Upon award, the Department of Transportation and Capital Infrastructure (DTCI) will work with the successful contractor to develop a construction schedule to complete the project.

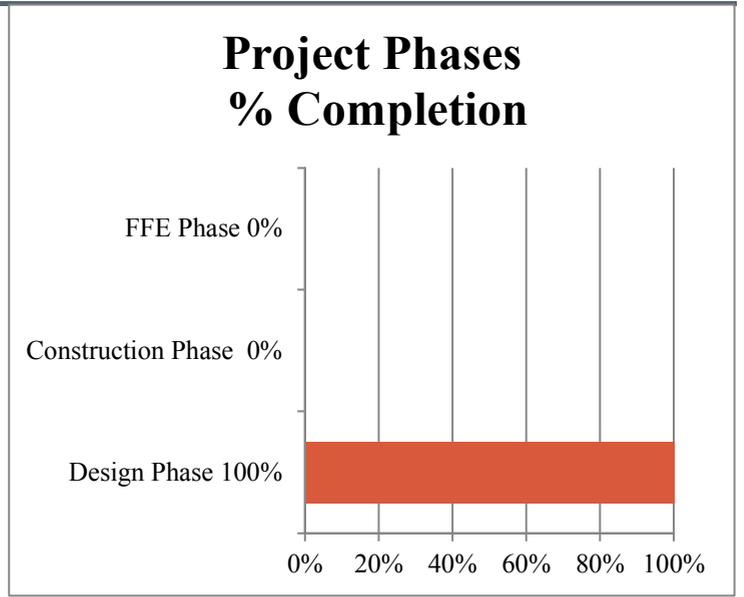


**PROJECT INFORMATION**

Project Name	<b>ROUND HILL DEVELOPMENTAL SERVICES GROUP RESIDENCE</b>
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**

<b>Budget</b>	
Design	\$126,190
Construction	\$1,280,840
FFE	\$212,970
Land	
Proffered Land	
<b>Total Project Cost:</b>	<b>\$1,620,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Design Phase Completion:</b>	<b>Summer 2016</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$120,000
Lease Revenue Financing	\$1,500,000
<b>Total Revenue</b>	<b>\$1,620,000</b>



**Project Status Update:**

The design consultant, HGA, submitted 100% construction documents to Department of Transportation and Capital Infrastructure (DTCI) staff on June 15, 2016. In this quarter, DTCI staff prepared an Invitation for Bid (IFB) and have been working with HGA to finalize the 100% construction documents. In the next quarter, the IFB will be advertised.

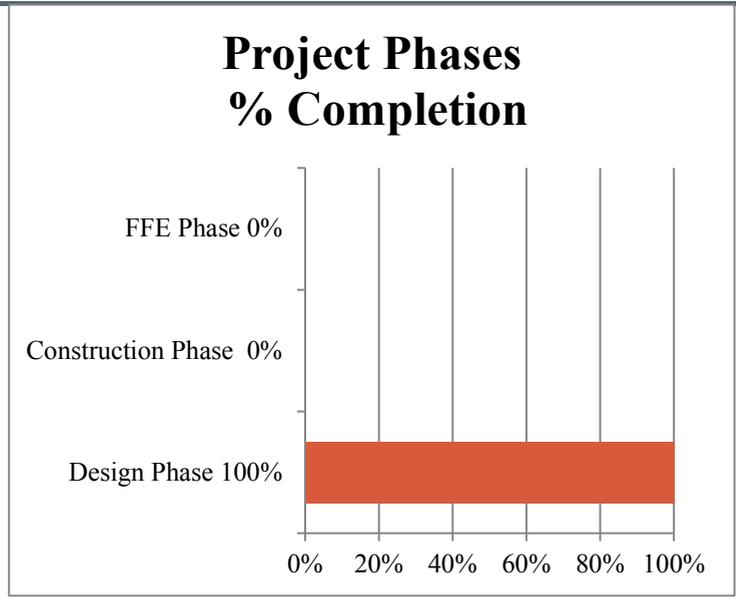


**PROJECT INFORMATION**

Project Name	<b>YOUTH SHELTER RENOVATION</b>
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	Bill Clark, DTCI 703.737.8822 Bill.Clark@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$280,000
Construction	\$1,700,000
FFE	\$20,000
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$2,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 0%	0%
FFE Phase 0%	0%
<b>Construction Phase Completion:</b>	<b>Summer 2017</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$2,000,000
<b>Total Revenue</b>	<b>\$2,000,000</b>



**Project Status Update:**  
 A contract was awarded to Sorenson Gross Company in June 2016. In this quarter, pre-construction submittals were prepared and Notice to Proceed was issued on September 15, 2016. In the next quarter, demolition, utilities interior partitions, floor patching and mechanical and sprinkler work will begin. An approximately 10 month construction duration is planned with completion scheduled for Summer 2017.

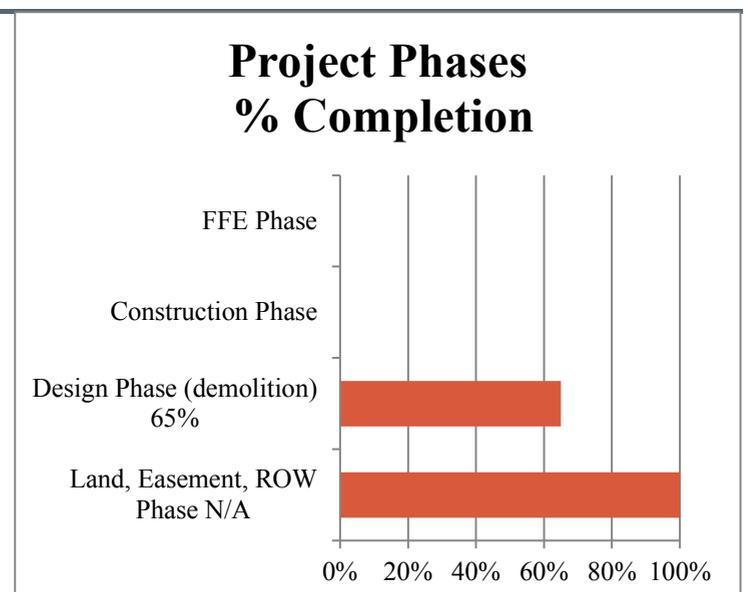


**PROJECT INFORMATION**

Project Name	<b>CONSOLIDATED SHOPS &amp; WAREHOUSE</b>
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	Ernest Brown, General Services 703.737.8924 Ernest.Brown@loudoun.gov
Election District	Catoctin
Supervisor	Higgins

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design Phase	\$0
Construction	\$6,667,490
FFE	\$0
Land	\$24,532,510
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$31,200,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	100%
Design Phase (demolition) 65%	65%
Construction Phase	0%
FFE Phase	0%
<b>Design Phase Completion:</b>	<b>TBD</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$10,200,000
Lease Revenue Financing	\$21,000,000
<b>Total Revenue</b>	<b>\$31,200,000</b>



**Project Status Update:**

In this quarter, Planning and Programming continued for 751 Miller Drive, Public Safety Warehouse. In this quarter, design documents for the demolition are at approximately 65% and progressing towards a construction bid planned for Winter 2016/2017. Construction is planned for completion by July 2017. 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.

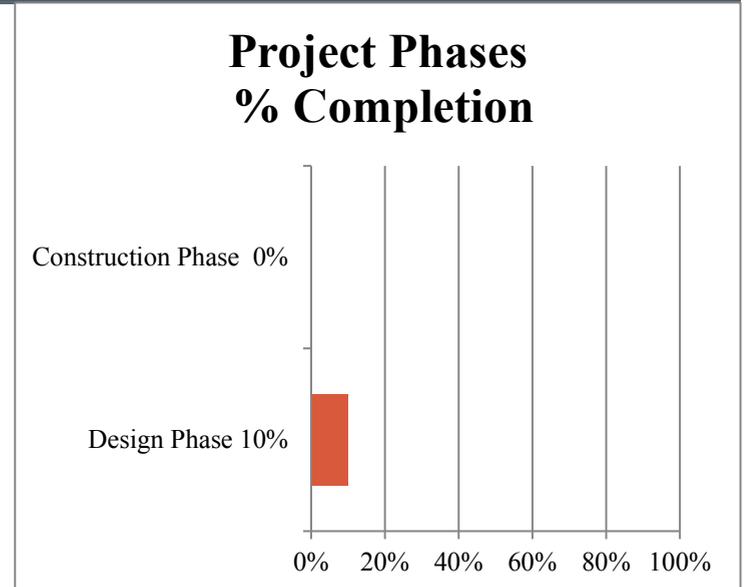


**PROJECT INFORMATION**

Project Name	<b>HOWARDSVILLE COMMUNITY WASTEWATER SYSTEM</b>
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**

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



**Project Status Update:**

The Department of General Services (DGS) continued efforts to identify a sustainable wastewater solution for the community of Howardsville. During this quarter, staff identified a potential parcel for a wastewater treatment facility and has commenced the land acquisition process. DGS completed an appraisal report to address estimated costs for temporary and permanent easements needed for a long term wastewater solution. In next quarter, staff will continue the land acquisition process for a wastewater treatment facility and subsurface drainfield site.

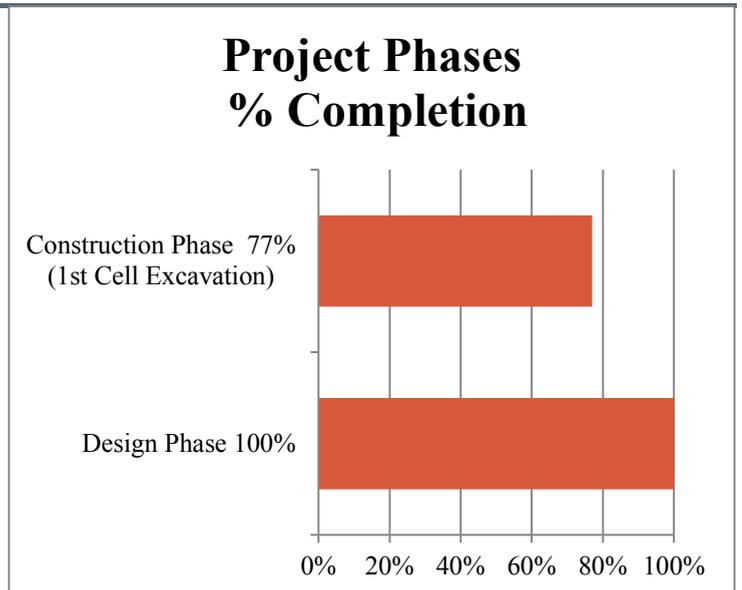


**PROJECT INFORMATION**

Project Name	<b>LANDFILL RECLAMATION PROJECT</b>
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**

<b>Budget</b>	
Design	\$1,582,595
Construction	\$12,404,210
FFE	\$1,513,195
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$15,500,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase N/A	N/A
Design Phase 100%	100%
Construction Phase 77% (1st Cell Excavation)	77%
FFE Phase	N/A
<b>Construction Phase Completion (1st Cell):</b>	<b>Spring 2017</b>
<b>Project Revenue(s)</b>	
Lease Revenue Financing	\$15,500,000
<b>Total Revenue</b>	<b>\$15,500,000</b>



**Project Status Update:**

The County Landfill Reclamation Project completed the permitting and design stage and is now in its second 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 continued excavation operations. While the 5-6 year excavation is approximately 36% complete, the first milestone is the excavation of future Cell R1, the first cell to be relined, which is approximately 77% complete and has a target completion date of Spring 2017.

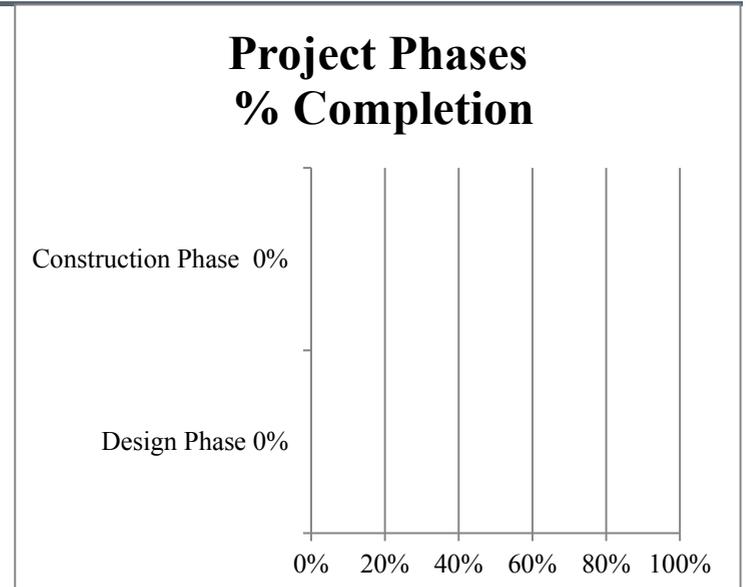


**PROJECT INFORMATION**

Project Name	<b>TOWN OF HILLSBORO WASTEWATER SYSTEM</b>
Project Description	This project provides funding and project management support to assist with the installation of wastewater lines along Route 9 in conjunction with the VDOT Traffic Calming and Pedestrian Safety Project.
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	Scott Fincham, General Services 703.771.5520 Scott.Fincham@loudoun.gov
Election District	Blue Ridge
Supervisor	Buffington

**PROJECT BUDGET & SCHEDULE**

<b>Budget</b>	
Design	\$0
Payment to the Town	\$2,000,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$2,000,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	0%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$2,000,000
<b>Total Revenue</b>	<b>\$2,000,000</b>



**Project Status Update:**

The Town of Hillsboro is managing this project. In FY 2016, the County provided \$2,000,000 to Hillsboro to assist with the installation of wastewater lines along Route 9, in conjunction with a VDOT Traffic Calming and Pedestrian Safety Project. The project’s design is currently pending, but construction is envisioned to start in Summer 2017. In this quarter, the Town received notification that their application for community wastewater project assistance under the County’s Water and Wastewater Fund was approved to move forward for the completion of a Feasibility Study (FS). The Town recently met with Loudoun Water and Department of General Services to discuss the pending FS, which will address current wastewater needs and potential solutions.

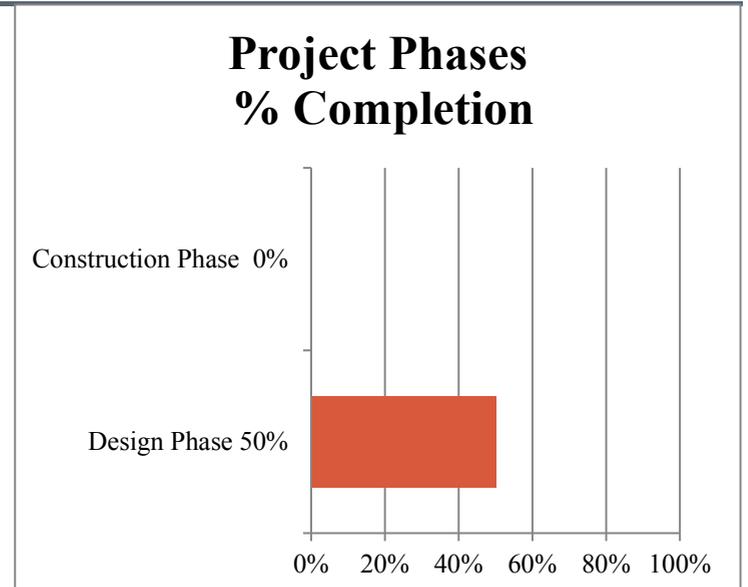


**PROJECT INFORMATION**

Project Name	<b>TOWN OF HILLSBORO WATER SYSTEM</b>
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**

<b>Budget</b>	
Design	\$32,000
Payment to the Town	\$1,313,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$1,345,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase	50%
Construction Phase	0%
FFE Phase	N/A
<b>Design Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Proceeds from Sale of Land	\$1,145,000
Local Tax Funding	\$200,000
<b>Total Revenue</b>	<b>\$1,345,000</b>



**Project Status Update:**

The Town of Hillsboro is managing this project. In this quarter, the Town continues to work with their design engineer (Hazen and Sawyer) to finalize plans for the water infrastructure project. The Town also completed the remaining hydro-fracking work on their municipal well, which was done by Emery & Garrett Groundwater Investigations and funded through a state grant. The fracking was marginally successful with limited increase in yield. Based on yield results, there is a concern this well needed for a backup supply may not be adequate in the long term. In response, the Town has applied for a planning grant to the Virginia Department of Health to explore the potential of an additional well site. In the next quarter, the Town will continue design work.

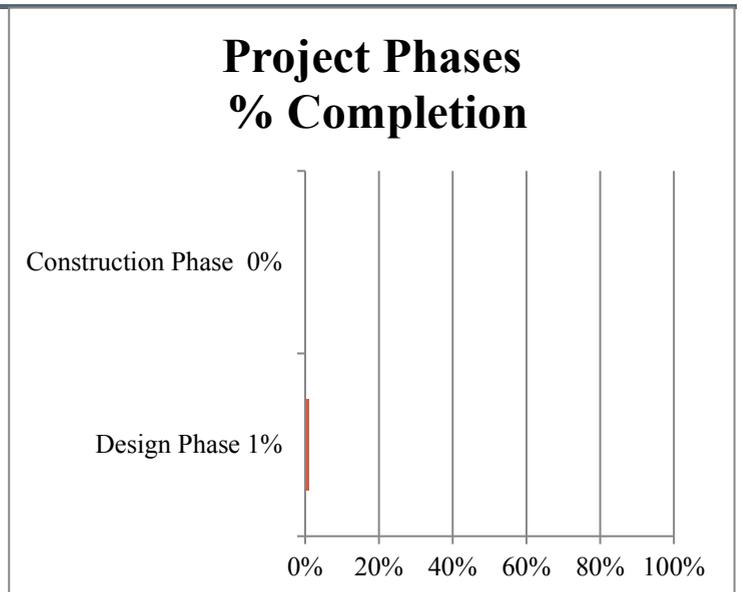


**PROJECT INFORMATION**

Project Name	<b>WATERFORD MILL</b>
Project Description	This project provides for structural stabilization of the Waterford Mill and addition of accessible facilities to allow Mill use for educational and cultural enrichment programs.
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**

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



**Project Status Update:**

In the this quarter, Procurement staff has been working with the Virginia Department of Transportation (VDOT) to finalize the design service Request for Proposal (RFP) in a form acceptable to VDOT. In the next quarter, it is anticipated the RFP will be advertised.

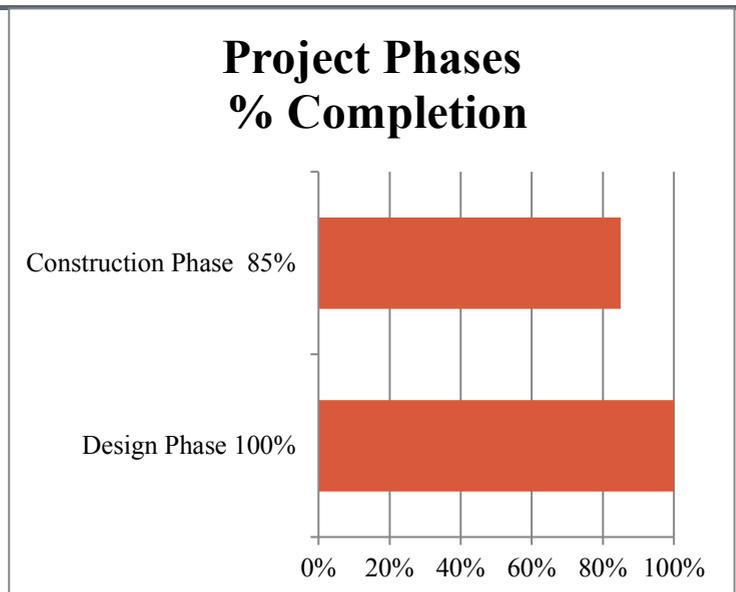


**PROJECT INFORMATION**

Project Name	<b>WILLISVILLE COMMUNITY WASTEWATER SYSTEM</b>
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**

<b>Budget</b>	
Design	\$250,000
Construction	\$25,000
FFE	\$0
Land	\$0
Proffered Land	\$0
<b>Total Project Cost:</b>	<b>\$275,000</b>
<b>Project Phase Progress:</b>	
Land, Easement, ROW Phase	N/A
Design Phase 100%	100%
Construction Phase 85%	85%
FFE Phase	N/A
<b>Construction Phase Completion:</b>	<b>Fall 2016</b>
<b>Project Revenue(s)</b>	
Local Tax Funding	\$275,000
<b>Total Revenue</b>	<b>\$275,000</b>



**Project Status Update:**

The Department of General Services continues to coordinate efforts with Loudoun Water (LW) to complete the extension of wastewater lines to three additional properties. LW, as per the Service Agreement, manages the Willisville project. In this quarter, the following activities took place: LW mobilized & broke ground, installed a 1.5” low pressure force main, set three grinder pumps with integral wells, and completed electrical connections to the grinder pumps. In addition, the following items are scheduled for September completion: pump startup & testing, as-built surveying and abandonment of peat systems & septic tanks. In the next quarter, the project should wrap up with the completion of the final punch list, restoration work, and finalizing of easements.

## Tello, Melissa

---

**From:** Kroboth, Joe  
**Sent:** Sunday, July 31, 2016 9:15 AM  
**To:** Randall, Phyllis; Buona, Ralph; Letourneau, Matt; Saines, Koran; Buffington, Tony; Umstattd, Kristen; Higgins, Geary; Meyer, Ron; Volpe, Suzanne  
**Cc:** Hemstreet, Tim; Yudd, Charles; Sandy, John; Shammout, Khattab; Leidich, Kathleen; Newquist, Penny; Tello, Melissa; Barbour, Glen  
**Subject:** Russell Branch Parkway, between Ashburn Village Blvd and Ashburn Road to open this coming week

Chair Randall, Board Members:

The final punch list of items are being addressed for the Russell Branch Parkway project between Ashburn Village Blvd and Ashburn Road.

We anticipate the roadway will be open for traffic early this coming week, very possibly Monday (August 1<sup>st</sup>) mid-day.

As soon as we have the actual opening time, we will notify the Board Members accordingly.

Thank you,

Joe Kroboth, III, PE, LS, Director  
Department of Transportation & Capital Infrastructure  
Loudoun County, Virginia  
[Joe.Kroboth@Loudoun.Gov](mailto:Joe.Kroboth@Loudoun.Gov)  
Phone: 703-771-5107  
Fax: 703-737-8513



## Tello, Melissa

---

**From:** Kroboth, Joe  
**Sent:** Tuesday, August 02, 2016 9:08 AM  
**To:** Randall, Phyllis; Buona, Ralph; Letourneau, Matt; Saines, Koran; Buffington, Tony; Umstattd, Kristen; Higgins, Geary; Meyer, Ron; Volpe, Suzanne  
**Cc:** Hemstreet, Tim; Yudd, Charles; Sandy, John; Shammout, Khattab; Tello, Melissa; Pozzouli, Gary  
**Subject:** Update - Russell Branch Parkway, between Ashburn Village Blvd and Ashburn Rd to open Tuesday morning between 10:00 am and 10:30 am

Chair Randall, Board Members:

Russell Branch Parkway between Ashburn Village Blvd and Ashburn Road will open to traffic this morning between 10:00 am and 10:30 am.

Thank you,

Joe Kroboth, III, PE, LS, Director  
Department of Transportation & Capital Infrastructure  
Loudoun County, Virginia  
[Joe.Kroboth@Loudoun.Gov](mailto:Joe.Kroboth@Loudoun.Gov)  
Phone: 703-771-5107  
Fax: 703-737-8513



**From:** [Glass, Susan](#)  
**To:** [Creager, Maureen](#); [Hemstreet, Tim](#); [Yudd, Charles](#); [Young, Kenny](#); [Weitz, Caleb](#); [Erickson, Lisa](#); [Lew, Carol](#); [McCormick, Nancy](#); [Geiger, Robin](#); [james.zeller@vdot.virginia.gov](mailto:james.zeller@vdot.virginia.gov); [farid.bigdeli@vdot.virginia.gov](mailto:farid.bigdeli@vdot.virginia.gov); [sunil.taori@vdot.virginia.gov](mailto:sunil.taori@vdot.virginia.gov); [bud.siegel@vdot.virginia.gov](mailto:bud.siegel@vdot.virginia.gov); [Adhikari, Anup \(VDOT\)](#) ([Anup.Adhikari@vdot.virginia.gov](mailto:Anup.Adhikari@vdot.virginia.gov)); [Buffington, Tony](#); [Buona, Ralph](#); [Higgins, Geary](#); [Letourneau, Matt](#); [Meyer, Ron](#); [Randall, Phyllis](#); [Saines, Koran](#); [Umstatt, Kristen](#); [Volpe, Suzanne](#); [Arnett, Jeanine](#); [Carey, Stacy](#); [Chambers, Rachael](#); [Fabling, Megan](#); [Filyaw, Monica](#); [Fornwalt, Josh](#); [Hochstetler, Shevaun](#); [Klancher, Bobby](#); [Leslie, Matthew](#); [McCary, Judy](#); [O'Brien, Dorri](#); [Parker, Tom](#); [Pujol, Jacqueline](#); [Suzdak, Valerie](#); [Tatusko, Allegra](#); [TeKrony, Laura](#); [Adam, Elnour](#); [Affinito, Sharon](#); [Angulo, Steven](#); [Barnes, Greg](#); [Brown, Bob](#); [Brown, Nicholas](#); [Byrne, Kim](#); [Campbell, John](#); [Clark, Bill](#); [Cornwell, Harvey](#); [Crim, Julie](#); [Csizmar, Daniel](#); [Culpepper, Horace](#); [DeCarlo, Dale](#); [Dove, Laura](#); [Dreyfuss, Marc](#); [Edwards, Robert](#); [Galen, Judy](#); [Griffin, Kelly](#); [Gross, Scott](#); [Hargreaves, Peter](#); [Hoffman, Mark](#); [Hunter, Sandy](#); [Jacobs, Joseph](#); [Jones, McKinley](#); [Kingery, Chris](#); [Kirby, Wendy](#); [Klassen, Dawn](#); [Kleckner, Sarah](#); [Kroboth, Joe](#); [Leidich, Kathleen](#); [Malgieri, Peter](#); [Marrs, Kent](#); [Miller, Gene](#); [Mosurak, Lou](#); [Mounier, Paul](#); [Parikh, Kiran](#); [Pozzouli, Gary](#); [Shaw, Wayne](#); [Siguenza, Carolina](#); [Tello, Melissa](#); [Thoreson, Anna](#); [Thornberry, Bruce](#); [Thring, Eloisa](#); [Toth, Rory](#); [Winn, Alan](#); [Shammout, Khattab](#); [Newquist, Penny](#); [Creager, Maureen](#); [Sandy, John](#); [Seigfried, Mike](#); [Clare, Gary](#); [Berger, Scott](#); [Fauss, Mike](#); [Baranyai, Phillip](#)  
**Subject:** September 2016 VDOT/County Coordination Minutes attached  
**Date:** Monday, September 26, 2016 5:47:29 PM  
**Attachments:** [VDOT Meeting Minutes September 2016.docx](#)

---

The attached report reflects updates on County and VDOT projects that were discussed at our coordination meeting held on September 1, 2016.

*Susan Glass*

Program Manager

Department of Transportation and Capital Infrastructure

703-777-0251

# COUNTY OF LOUDOUN

## DEPARTMENT OF TRANSPORTATION SERVICES AND CAPITAL INFRASTRUCTURE

*Memorandum*

---

**Date:** September 26, 2016

**To:** Board of Supervisors and Board Aides, County and VDOT Staff,  
Sheriff's Office

**From:** Susan Glass

**Subject:** Monthly Summary of County/VDOT Projects

---

---

VDOT and County staff met on September 1, 2016; a summary of project updates is attached. The next meeting is scheduled for October 6, 2016.

The report is sorted by election district, then by project name. Some projects are located in multiple election districts, in which case the project appears in the first election district listed. The most recent update is shown in red text.

## Monthly Summary of County/VDOT Projects as of September 1, 2016

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
George Washington Boulevard Overpass	Design and construction of a bridge over Route 7 between Research Place and Russell Branch Parkway	Algonkian Broad Run	VDOT staff has been requested by the County to scope this project at the location of Route 7 and George Washington Boulevard/Richfield Way. A project kickoff meeting was held on January 30, 2015. A scoping meeting was held on March 11, 2015. Location survey work is complete and design is underway. The next milestone for the project is the Preliminary Field Inspection (PFI) scheduled for mid-April 2016. Value engineering is planned for April 12 and 13, 2016. The estimated construction advertisement date for the project is April 2019. The Environmental Assessment document is underway. Roadway design is underway. Preliminary Field Inspection meeting held April 7, 2016. Project team met with the owner of the Goddard School to discuss his plans to expand the facility. VDOT value engineering study held April 12-13, 2016. Project team met with the owner of Security Public Storage on April 19, 2016. Value engineering study to be released in July 2016. <b>VDOT Public Hearing likely to be held in Fall 2016.</b>
George Washington Boulevard Road Diet	Reduction of George Washington Boulevard from 6 lanes to 4 lanes between Loudoun County Parkway and Bridgefield Way/Bar Harbor Terrace to allow for a bike lane	Algonkian	VDOT will perform this project using a portion of Secondary Road Traffic Services funds. County to provide final plans to VDOT. Revised plans are being reviewed by VDOT Traffic Engineering staff. VDOT intends to begin work on this project by the end of 2016. <b>Plans are approved; VDOT intends to begin work in late Fall 2016.</b>
Riverside Parkway	Extension of Riverside Parkway from Loudoun County Parkway to Lexington Drive	Algonkian	A second public information meeting was held on October 21st. Staff presented the Board with an alignment recommendation at the December 3, 2014 business meeting. The Board approved the staff recommendation to move forward with Alternative 1 alignment. Thirty percent design plans were submitted to VDOT. A public hearing was held on April 16 <sup>th</sup> at G.W. University. Sixty percent plans were submitted to VDOT in mid-September, 2015 for the road project. Consultant is currently addressing 60% comments from VDOT and Building and Development. Final submission should be made in early 2016. The wetlands permit was issued on November 6, 2015. Revenue share funds will not cover the cost of the new water line – only the portion impacted by the road project itself. Staff is working on this funding issue with VDOT and Loudoun Water. 90% plans are being prepared for submission. Utility design is needed before 90% plans can be submitted. Title reports have been ordered. 90% design plans have been prepared but not yet submitted to B&D and VDOT. The County is working with Loudoun Water to determine the placement of a 12 inch waterline. <b>The County received VDOT's value engineering recommendations on August 16, 2016.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
<p>Riverside Parkway Extension (Ashburn Village Boulevard to Lexington Drive)</p>	<p>Extension of Riverside Parkway between Ashburn Village Boulevard and Lexington Drive</p>	<p>Algonkian Ashburn</p>	<p>The Board approved an agreement with the Meladon Park representatives to acquire the approved design plans. County staff has contracted for a signal warrant analysis and design of a signal. Signal plans were submitted for final approval on September 25<sup>th</sup> to VDOT. A purchase order has been issued to Christopher Consultants for design of the trail and preparation of right of way plats. Final plans with the trail went to VDOT on August 26, 2015. A wetlands permit (JPA) was submitted on August 31<sup>st</sup>. Approval should be granted by year's end. Staff is working with One Loudoun to determine whether there is interest in having this project constructed by Shirley Contracting under the "in furtherance of a proffer" option. The Board approved a reimbursement agreement for this project with One Loudoun at its December 2, 2015 meeting; One Loudoun has signed the agreement. The signal plans are approved, as are the road plans. Staff is working to obtain the right of way from HHMI. Deed to vacate the conservation easement has been signed by HHMI; they are reviewing deed of dedication and corresponding plat for right-of-way dedication. Shirley Contracting plans to commence construction on Riverside Parkway on April 25, 2016. The dedication plat needs to be revised; wetlands credits need to be purchased. Right-of-way has been recorded and wetlands credits purchased. Construction to commence in late July/early August. Construction has commenced; a waterline is being installed. <b>Waterline installation continues; plan revision needed to reflect vertical adjustments. Miller &amp; Smith to submit VDOT permits for entrance and traffic signal and obtain County grading permit for the road.</b></p>
<p>Route 7/Ashburn Village Boulevard</p>	<p>Construction of a grade separated interchange at Route 7 and Ashburn Village Boulevard</p>	<p>Algonkian Ashburn Broad Run</p>	<p>VDOT approved the design plans on October 5, 2015. The County approved the Construction Plans and Profiles (CPAP). Discussions on the bond amount are underway between the County, VDOT and the developer. One Loudoun has contracted with Shirley Contracting to construct the interchange. Shirley Contracting has the final utility easement plan. A groundbreaking was held on October 22, 2015 at 11 a.m. Right of way is cleared. The County Attorney's Office has reviewed the bond agreement and provided comments to One Loudoun. Silt fencing has been installed on the northwest quadrant of the interchange site. Shirley Contracting intends to commence construction in March 2016. One Loudoun submitted the bond to the County on February 25, 2016 and it is under review by the County Attorney's Office. Construction of the interchange is scheduled to commence on April 11, 2016; anticipated completion date is Summer 2018. Construction underway. Utility relocation held up by outstanding Dominion Virginia Power easement; County is working to resolve easement language. Completed installation of box culvert on north side of the project. Construction of bridge piles in progress along with storm water management culvert. Utility relocation in progress along with installation of box culvert on south side of Route 7 and storm drain construction; piles are being set for bridge abutment B. <b>Work continues on bridge piers; underground utility installation in progress. Grading has begun on Claiborne Parkway ramp; construction schedule being accelerated in this area with goal to remove the barrier by the end of September 2016.</b></p>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Belmont Ridge Road Bridge Over the Greenway	Restriping the Route 659/Belmont Ridge Road bridge over the Greenway from 2 lanes to 4 lanes; includes reconfiguring some of the entrance ramps to the Greenway	Ashburn Blue Ridge	VDOT staff provided an analysis of what would be involved in restriping the bridge to accommodate four lanes versus what would be involved in constructing the bridge per the CTP with pedestrian accommodations and a sound wall. The initial estimates are \$5.5 million versus \$37.5 million. More discussion to occur between County and VDOT staffs. The project was submitted as a candidate for HB-2 funding. It has not been recommended by VDOT staff for funding. DTCI staff met with representatives of the Commonwealth Transportation Board and requested this project be funded by the Commonwealth. Funding for this project is reiterated in the Board of Supervisors Statement for the May 2, 2016 Commonwealth Transportation Board Hearing on House Bill 2 Prioritized Projects which will be discussed at the April 21, 2016 Board meeting. VDOT's Draft FY17 Six Year Improvement Plan (SYIP) proposes funding for this project; the final SYIP will be presented to the Commonwealth Transportation Board for adoption in June 2016. \$7.5M funding was approved for this project. Project kick-off meeting held June 29, 2016; design to be prepared by VDOT. <b>Location survey is underway.</b>
Belmont Ridge Road Widening (Gloucester Parkway to Hay Road)	Expansion of road from two lanes to four lane median divided roadway; includes two bridge spans over the W&OD Trail	Ashburn Catoctin	The contract was awarded to Shirley/Dewberry. A Notice to Proceed was issued on October 16, 2015. A kick-off meeting was held on October 19, 2015. First submission right of way plans were submitted in December, 2015 and are under review by VDOT. Final right-of-way plans were submitted in March and the design team is responding to VDOT comments. The project team met with representatives from Luck Stone to discuss their concerns. The project team has also been coordinating with the developer of Ashburn Overlook. Construction activities should begin in late Summer or Fall 2016. The project is scheduled to be completed in December, 2018. Right-of-way approval on hold pending Federal requirements process on NVRPA property. County staff met with Luck Stone to discuss special exception conditions and proffers that require right-of-way dedication and other obligations associated with road improvements. Right-of-way plans have been approved; 90% construction plans expected by the end of May. Construction plans approved; bridge plans ready for approval. Right-of-way acquisition in progress; construction expected to begin in September or October 2016. Offers have been made to 75% of the property owners. <b>Roadway plans and bridge plans are approved. Construction is expected to start September/October 2016. Ground breaking ceremony planned for September 27, 2016 at 1:00 p.m.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Farmwell Road Widening	Widening of Farmwell Road from 4 lanes to 6 lanes between Ashburn Road and Smith Switch Road/Waxpool Road	Ashburn Broad Run	A scope of services for design was sent to Wallace Montgomery on June 21 <sup>st</sup> . Fee schedules are due back on July 17. Staff is in negotiations with Wallace Montgomery due to preliminary costs being high. Staff has pulled the survey and geotech work from the master contract and request a revised fee schedule. The work pulled can be accomplished by on-call contractors. The project was awarded to Wallace Montgomery on November 23, 2015 to begin design. A kick-off meeting was held on December 2, 2015. Next steps are to get the survey, environmental assessment and utility locations identified. Survey is complete; base mapping is in progress. VDOT Standard Project Administration Agreement was executed on March 1, 2016. On March 17, 2016, the Board directed staff to evaluate the intersection of Estate Place/Farmwell Road for safety concerns; the evaluation will be incorporated into this project. A safety study for the Estate Place and Farmwell Road intersection is being prepared; staff expects to the Board in July 2016. Survey complete; preliminary design due in August 2016. Estate Place Safety Study will be presented to the Board in September 2016. 30% design plans expected in September 2016. Estate Place safety study is scheduled for September 22, 2016 Business Meeting. <b>30% plans to be submitted on September 2, 2016.</b>
Metro Station Area Pedestrian Improvements	Design and construction of bike/ped facilities around the Rt 772 (Ashburn) and Rt 606 (Loudoun Gateway) stations	Ashburn Broad Run Dulles	A study of missing bike/pedestrian links has been submitted to County for review and prioritization. On July 6, 2016, the Board approved allocation of \$442,936 additional FY2017 CMAQ funds and transfer of \$5.7M of prior CMAQ funds from Leesburg Park & Ride Lot to this project.
Route 7/Route 659 Interchange	Construction of a grade separated interchange at Route 7 and Route 659 (Belmont Ridge Road)	Ashburn	The Board awarded the construction contract to Shirley Contracting at its May 20, 2015 business meeting. A notice to proceed was issued to Shirley in September 2015 and construction is underway. A ground breaking was held October 13, 2015. Clearing is nearing completion, utility work continues. The contractor installed barriers during January and February 2016 and has begun construction of a large box culvert on Route 659. Blasting for the project has been scheduled; a news release was issued on February 22, 2016 to inform the public. Route 7 barriers have been installed and sections of the box culvert should be installed in March 2016. Utility relocation and installation of box culvert continues; blasting is occurring for waterline installation. Excavation for Ramp A pier has begun. Construction continues. Bridge piles under construction. Utility relocation along Route 7 to be completed by the end of July 2016, project team is assessing the impact of utility relocation delay. Bridge pile construction continues along with excavation on the south side of Route 7. Utility relocations completed with exception of one underground utility. Removal of abandoned gas transmission line on north side of Route 7 is in progress. <b>Completed the removal of the abandoned Washington Gas line. Summit IG is currently relocating the last of the fiber optic lines along Route 7 with an expected cutover date of September 15, 2016. Shirley Contracting continues with pile drilling for the piers and abutments, mass fill operations, storm water pipe installation, and ground improvements; Shirley intends to begin installation of the Loudoun Water service line in early September 2016 at Ramp B.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Russell Branch Parkway	Extension of Russell Branch Parkway between Ashburn Road and Ashburn Village Boulevard	Ashburn Broad Run	A notice to proceed was issued to Hazel on 4/3/15. Construction activities are underway. The contractor was granted an extension due to the need for a box culvert redesign and inclement weather. Base paving is 85% complete, paving currently on hold due to winter weather. Contractual completion is Summer 2016. Night work and lane closures will be conducted on 4/14/2016, 4/17-4/19/2016 at the intersection of Ashburn Village Boulevard/Russell Branch Parkway. Design change approved to revise drainage issue and box culvert installation. Final work in progress at intersections, along with modifications to traffic signal at Ashburn Village Boulevard; construction completion planned for late July. Road improvements opened to traffic on August 2, 2016; ribbon cutting ceremony scheduled for September 7, 2016 at 10 a.m. <b>Street acceptance package is being prepared. A proposal for a signal warrant study at the intersection of Ashburn Road and Russell Branch Parkway is currently in review by the County.</b>
Waxpool Road	Widening Waxpool Road from 2 lanes to 4 lanes between Faulkner Parkway and Unbridled Way	Ashburn Broad Run	Construction continues. The portion west of Ashburn Village Boulevard and the traffic signal were open to traffic and functioning on September 30, 2014. The section east of Ashburn Village Boulevard is on hold until final utility easements and utilities are relocated on the north side of Waxpool Road. Construction will then resume on March 1, 2016 and final completion is estimated for September 1, 2016. One easement is outstanding (Intergate/Sabey Datacenter); the Assistant County Attorney is working with the property owner's attorney to review proposed deed revisions. Last two easements have been recorded; Board of Supervisors public hearing held on July 13, 2016 to assign the county utility easements. Utility relocation should resume following recordation of the easements. Estimated project completion date Spring/Summer 2017. The Board of Supervisors approved the conveyance of the utility easements at the July 13, 2016 public hearing; easement documents for the individual utility companies need to be executed and recorded. <b>Utility relocations are planned for completion by the end of 2016. The general contractor will remobilize in the next quarter and continue work through the winter with Spring 2017 completion anticipated, weather pending.</b>
Alder School Road	Paving Alder School Road between Woodgrove Road and Hillsboro Road	Blue Ridge	This project involves right of way acquisition from numerous property owners. Appraisals and offers went out to property owners in March, 2014. Staff continues to work with area residents whose properties are impacted. The goal is to bid for construction contract in Spring 2016 with construction starting in the September, 2016. Staff is working to obtain contractor to clear trees for utility construction. Staff is working with property owner representatives to obtain partial mortgage releases on two remaining parcels. Preliminary work to clear and install erosion and sediment controls is scheduled to begin in early March 2016 and will continue into May 2016. There is one outstanding easement. Tree clearing began on March 9, 2016 and is scheduled to be completed on May 4, 2016. Clearing was completed during the week of April 18, 2016; utility relocation to commence once all the easements have been obtained (there is still one outstanding easement). Final easement recorded. Verizon has requested stake out in advance of their relocation. Negotiations ongoing with Dominion Virginia Power (DVP) to determine the extent of relocation to be performed by them versus the road contractor. Verizon has begun its relocation. <b>Verizon has completed its relocation; negotiations with DVP continue. The IFB is being finalized with a target issue date of November 2016.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Belmont Ridge Road – Truro Parish Dr to Northstar Blvd	Widening of Belmont Ridge Road from 2 lanes to 4 lanes between Truro Parish Drive and Northstar Boulevard	Blue Ridge Broad Run Dulles	A meeting was held with VDOT staff on 3/30/2015, with B&D on 3/31/2015 and with Loudoun Water on 4/6/2015 to discuss design details. The 30% plans were received for review from the design consultant. A location and design public hearing on the 30% design plans was held on June 23, 2015 at Mill Run Elementary School. The Belmont Ridge Road and Croson signal plans were submitted to VDOT on April 27, 2015. Sixty percent design plans were submitted to VDOT on 6/29/2015. The Board approved the design concept on September 16, 2015. The utility field inspection was conducted on November 20, 2015. After obtaining the utility easement needs, the plats can then be prepared. Staff continues to coordinate with utility companies. Dominion has indicated their design will not be provided until April 1, 2016. This pushes the schedule back 3-4 months. Bids were received for a traffic signal at Belmont Ridge Road/Croson Lane which will be installed in phase 1 of this project. 90% plans were submitted to B&D and VDOT on April 6, 2016. Project team meeting held to discuss right-of-way acquisition and existing open space easements. Dedication plats to be submitted soon. DTCI has begun meeting with property owners to discuss right-of-way acquisition. Construction plan and plats have been provided to NOVA Parks for review. Notice to proceed has been issued for installation of traffic signal at Belmont Ridge Road/Croson Lane; signal installation expected to be completed by December 2016. Dedication plats have been submitted to Building and Development for review. <b>100% design plans scheduled to be submitted in mid to late September 2016.</b>
Fleetwood Road Paving	Paving to a Rural Rustic Standard between Revival Drive located north of Route 50 to Evergreen Mills Road	Blue Ridge	This road is on the VDOT rural rustic road paving on-call contract. The project is scheduled to be construction in the Summer, 2016. Survey notification letters were recently mailed to affected property owners. Clearing will occur before April 15, 2016. Construction is to start in the Summer 2016. Construction to start in May or June 2016, upon completion of Shreve Mill Road. Fleetwood Road will be closed to through traffic during the duration of this project to reduce construction cost and schedule, and to prevent accidents and damage during construction. Road was closed for the week of June 27, 2016 for the installation of a storm pipe. VDOT is coordinating the connection of Fleetwood Road at Langley Oaks Drive with the developer of Willowsford. Paving project continues; expected completion date is end of August 2016. <b>Construction is complete. Action item going to September 22, 2016 Board meeting to consider providing \$149,000 reimbursement to Willowsford as incentive to expedite construction of Langley Oaks Drive extension.</b>
Forest Mills Road Bridge over Crooked Run	Replacement of the Forest Mills Road (Route 727) bridge over Crooked Run	Blue Ridge	An initial meeting to discuss options for the replacement of the bridge was held February 17, 2015. VDOT held the Design public hearing on the project on March 26, 2015 from 6-8 pm at Lincoln Elementary School. Fifteen residents attended. The Board approved endorsement of the project's design at the June 3, 2015 business meeting. VDOT staff is preparing plans for right of way. Right of Way acquisition is on-going. The Construction Advertisement date for the project is September, 2015. Funding for the project is primarily in FY 2017 and 2018. Right-of-way acquisition is complete; utility relocation is the next phase of this project. Utility relocation underway. Verizon relocation delayed due to strike; scheduled to be completed by mid-August 2016. Dominion Virginia Power relocation to be completed by early July 2016. On schedule for September 13, 2016 construction ad date. <b>Utility relocation was completed at the end of August 2016. On schedule for Sept 13, 2016 construction advertisement.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Franklin Park to Purcellville Trail	Shared Use Path along eastbound Business Route 7 to Franklin Park	Blue Ridge	Right-of-way acquisition in progress.
Northstar Boulevard (Route 50 to Shreveport)	Extension of Northstar Boulevard between Route 50 and Shreveport Drive	Blue Ridge	The preliminary scope of work is complete. Discussions are underway with Board members, County staff and the developer of Brambleton regarding alignment. The County had J2 Engineers review and comment on the latest Brambleton design provided by Urban. VDOT Standard Project Administration Agreement was executed on March 1, 2016. County is obtaining cost estimate for 30% design. County is moving forward with preliminary engineering of this project. Draft scope of work for preliminary engineering has been prepared and is being reviewed. Request for proposal is being drafted.
Route 50/Middleburg Traffic Calming	Add brick crosswalks between the Exxon station on the east end of Middleburg to the Plains Road on the west end. Also rehabilitating sidewalk on Washington Street and replacing street lights	Blue Ridge	With the Board's adoption of the FY 2016 CIP, the project is fully funded. The project advertisement was delayed to July 22nd. The bids came in \$656,000 higher than the engineer's estimate. VDOT staff has closed the funding gap. The anticipated completion date is December 2016. Construction is underway. The contractor continues to work on the waterline relocation and installation of conduits for street lights. Contractor finished waterline installation; began installing streetscape elements at the end of March 2016. VDOT is coordinating with business owners on sequence of construction to minimize impacts on businesses. Planned completion of this project is October 2016. Starting May 19, 2016, direct access to Route 50 from Madison Street and Pendleton Street will be closed for approximately 8 weeks; detour in place. Access to/from Madison and Pendleton Street now open. Direct access to Route 50 from Libery, Hamilton and Jay Streets now closed, detour in place until mid-September. Final project completion scheduled for October 2016. Traffic on Route 50 has been restored to its pre-project configuration; the signal at Madison Street back in service. Periodic flagging will occur for remaining work related to the sidewalks, lighting, landscaping and milling/paving.
Route 659 Widening (Broadlands Boulevard to Truro Parish Drive)	Widening of Route 659 (Belmont Ridge Road) from 2 lanes to 4 lanes between Broadlands Boulevard and Truro Parish Drive	Blue Ridge Broad Run	The construction is underway by Brookfield Homes under an agreement with the County. The project schedule has been updated by Brookfield Homes. Due to a lengthy process in obtaining right of way needed from impacted Homeowners Associations and a delay in getting the utility relocation completed, the project will be completed in August, 2016. On February 4, 2016, the Board of Supervisors approved a time extension; the traffic signal at Route 659/Truro Parish Drive is to be operational by August 2016 and the road improvements are to be open to traffic by August 2016, VDOT street acceptance is to occur by February 28, 2017. Brookfield Homes has been coordinating installation of street lights and landscaping with adjacent property owners. Utility relocation is finished. Traffic switched to new, future northbound lanes on May 4, 2016. Excavation in progress for southbound lanes. Project is working to resolve VDOT's comments pertaining to traffic signal installation. Grading for southbound lanes in progress; base paving should begin by mid-August. Conduits for Belmont Ridge Road/Truro Parish Drive signal have been installed. Brookfield Homes has been working with VDOT regarding permit for traffic signal. Road contractor, Allan Myers, believes the traffic switch to the final configuration will be either September 16th or 19, 2016.

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Route 7/Route 690	Preparation of Interchange Justification Report and preliminary interchange design for Route 7 at Route 690	Blue Ridge	Resubmittal of IJR went to VDOT and comments were received. The IJR was submitted to VDOT Central Office for review and comment on 4/15/2015. Notice was received by VDOT in early June that the IJR was approved by Central Office. It now has to go to the CTB for approval. The consultant submitted of 30% design plans in mid-September to VDOT. County staff and Dewberry will meet with VDOT to discuss the issue of clearance with the height of the existing bridge over Route 7. As it stands now, if the bridge is widened it may have to be replaced. Staff received comments from VDOT and the Town of Purcellville on the 30% design plans. This project will stop until additional funds are identified. The Adopted FY2017 CIP has \$4M for design of this interchange; funding will become available in July 2016 for design to commence. County reviewing scoping document from Dewberry. Design should begin by the end of July 2016. <b>County reviewed cost proposal for design and has requested additional information.</b>
Route 7/Williams Gap Road Turn Lane	Construction of a right turn lane from westbound Route 7 onto Williams Gap Road	Blue Ridge	Preliminary engineering was authorized on January 9, 2015. The project scoping meeting was held on February 12, 2015. Survey work and geotech investigations complete. The design will be done by VDOT in-house design team and is underway. The Preliminary Field Inspection (PFI) was held on December 9, 2015. The design public hearing is anticipated in the May-June timeframe. VDOT will be assuming the house on the adjacent property is historic and will consider impacts diminimus. That finding will be sent to the Department of Historic Resources for comment. A design public hearing will be held in late April or May, 2016. The project is scheduled for construction advertisement in September 2017. Design public hearing scheduled for April 19, 2016 at 6:30 to 8:30pm at Round Hill Elementary School. Citizen comments will be accepted until May 5, 2016. The Board of Supervisors endorsed the design of this project at their July 5, 2016 business meeting. VDOT issued public hearing design approval on August 1, 2016. <b>Right-of-way plan resubmission being prepared.</b>
Route 9/Route 287 Roundabout	Design and construction of a roundabout at the intersection of Charles Town Pike (Route 9) and Berlin Turnpike (Route 287)	Blue Ridge Catocin	The preliminary project design is funded using VDOT pre-scoping funds. Survey work is completed. A VDOT scoping meeting was held on 10/8/14. The geometrics of the area are requiring further analysis of the roundabout option. The build alternatives are being re-examined and value engineered in search of cost savings. The final traffic report comparing the performance of a roundabout to an expanded signalized intersection has been provided to the County for review. County staff is in discussion on the design alternatives with VDOT. The project was a submitted as a candidate for HB-2 funding. It has not been recommended by VDOT staff for funding. A meeting has been scheduled for mid-March, 2016 to discuss County comments. VDOT and County staff met on March 17, 2016 to discuss design alternatives; additional analysis was requested in order to finalize the report, which is expected to be released at the end of April 2016. Supplemental analysis will be distributed in mid-May; final report will follow staff review of the additional information. County to provide direction to VDOT on preferred alternative. No change.
Scotland Heights Road Rural Rustic Paving	Reconstruct and pave from Int. rte 1158 Simpsons Creek Road to Int. Flint Farm Drive	Blue Ridge	Construction contract advertised June 22. Bid was opened on July 22. Contract was awarded to Jeffrey Stack Inc. on 8/28/15 and executed on 9/1/15. Construction to start in early 2017. Contractor will start work around middle of August. Proposal to close the portion of the road under construction to through traffic during construction. <b>Construction has started; the road is closed to through traffic beginning August 24, 2016 to mid-November 2016.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Loudoun County Parkway/Waxpool Road Intersection Improvements	Design of intersection improvements	Broad Run	Staff is coordinating with Dewberry and VDOT to discuss scope of the project. A proposal was received from Dewberry on August 28, 2015 and is under review by staff. A purchase order was issued on March 2, 2016. A kick-off will be held on March 15, 2016. Survey and environmental assessments have been initiated. Project scoping meeting was held on May 2, 2016; 30% plans expected at the end of August 2016. Public information meeting tentatively scheduled for September 2016. Delivery of 30% plans on schedule for the end of August. <b>Public Information meeting is scheduled for October 27, 2016, 6:30-8:30 pm at Moorefield Station ES. 30% design plans are expected by September 2, 2016.</b>
Pacific Boulevard (developer project - Kincora)	Extension from Gloucester Parkway northward to Russell Branch Parkway; includes addition of southbound half section between Gloucester Parkway and Severn Way	Broad Run	This project is being constructed by the Route 28 PPTA team under contract by the developer of Kincora. Phase 1 (Gloucester Parkway to the F&R station) is completed open to traffic, Phase 2 (F&R station to northern Kincora entrance) of the project is substantially completed. Phase 3 (Kincora northern entrance to Russell Branch Parkway connection at Richfield Way) was tied up with permitting issues with the Virginia Marine Resources Commission, which were resolved on October 27 <sup>th</sup> . The contractor is doing earth work on the east side of the Broad Run. Condemnation proceedings for the property owner on the west side of the Broad Run are underway. Phase 4 (half section between Gloucester Parkway and West Severn Way) is under construction. Substantial completion is December, 2016. Construction in progress on east side of Broad Run. Completion of Phase 4 is scheduled for August 2016 to coincide with the Gloucester Parkway project. Construction of Phase 3 is underway on the west side of the Broad Run; on schedule for December 2016 completion. Phase 4 opened on August 4, 2016; Phase 3 remains on track for December 2016 completion. <b>Still on track for December 2016 completion.</b>
Route 28 Hot Spot Improvements Northbound	Design and widening of Route 28 northbound lanes between Dulles Toll Road and Sterling Boulevard	Broad Run Dulles	Funding of this project was authorized by the Route 28 Tax District Commission on March 18, 2016. VDOT issued notice to proceed on May 26, 2016. No change. <b>Project is in design phase, 60% submittal scheduled for Fall 2016 and final approved designs scheduled for Summer 2017.</b>
Route 28 Hot Spot Improvements Southbound	Addition of a 4 <sup>th</sup> lane on the southbound lanes between Sterling Boulevard and the Dulles Toll Road; includes widening of bridges over the Toll Road	Broad Run Dulles	Construction on the expansion of the Northbound and Southbound bridge deck over the Dulles Toll Road is underway. Construction on the southbound widening to eight lanes from Sterling Boulevard to the Dulles Greenway began in September, 2016. Traffic barriers and maintenance of traffic signs have been installed. Environmental permits have been secured, the project is under construction. Completion is scheduled for December, 2016. Construction proceeding on schedule. Project completion may slip to Summer 2017 due to delay in obtaining MWAA permit. <b>Work currently underway includes installation of the base asphalt for the added travel lane; construction of added travel lane is 50% complete. Shoulder construction from Route 606 to Innovation Avenue will take place in the Fall 2016. Project completion is scheduled for Summer 2017.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Sterling Boulevard	Extension of Sterling Boulevard between Pacific Boulevard and Moran Road	Broad Run	Underground utility field designations were completed in early September, 2015. Field survey is complete. Traffic County on Sterling Boulevard are complete. ATCS, the design contractor, has been requested to do a roundabout feasibility study at Sterling Blvd./Moran Road. County staff met with VDOT and they approved a roundabout in concept. Staff is proceeding with that design. Staff will eliminate the multi-use trail and install two bike lanes on the roadway and provide a left turn into the west entrance of the Seefried property (Dulles Downs). Staff continues to coordinate issues regarding impacts to properties in the area. The design firm is working on designing the east end of the project. The western end is on hold until a meeting is held with Waste Management. VDOT Standard Project Administration Agreement was executed on March 1, 2016. 30% plans to be submitted to B&D by the end of April 2016. County staff met with two property owners (Waste Management and 1501 Moran Road/Cambridge Properties) to discuss the project. 30% plans have been submitted. Design public hearing scheduled for May 26, 2016, 6:30-8:00pm at Moorefield Station Elementary School. Design modifications being considered based on feedback from public information meeting. Design phase is expected to be completed in Spring 2017; anticipate seeking endorsement of design from Board of Supervisors in September 2016. Value engineering study scheduled for the end of July 2016. Received 30% design review comments from VDOT. Value engineering study review held July 26-27, 2016. <b>30% design plans were submitted to Loudoun Water for review in August 2016. New survey notification letters will be sent to property owners to extend the time frame for entry onto properties.</b>
Vantage Point Shared Use Path	Design and construction of a shared use path along Mooreview Parkway and sidewalks along Claude Moore Parkway and Croson Lane	Broad Run	Construction plans are approved; land acquisition in progress. <b>Plat revision in process to vacate and replace existing open space easement.</b>
Waxpool Road at Pacific Boulevard and Waxpool Road at Broderick Drive	Intersection improvements at Waxpool Road/Pacific Boulevard and Waxpool Road/Broderick Drive	Broad Run	Plats are being prepared from the design plans to discuss with impacted property owners in the area (commercial). Right of way discussions are underway. VDOT is in the process of issuing comments on the 100% plan submission. Appraisals are anticipated to be received within a week or so. When a cost estimate is completed, Dewberry will submit a request for right of way authorization to VDOT. Dulles 28 Centre, ZCPA 2013-0002, proffered to dedicate the right-of-way and easements that are needed for a portion of this project. Deed preparation is pending with the County Attorney's Office. Land acquisition is anticipated to be completed in Fall 2016. Signature sets of the construction plans have been requested in anticipation of plan approval from Building & Development; right-of-way acquisition will be the next phase of this project. Construction plans have been approved. Right-of-way discussions have begun. Four plats have to be revised due to parcel ownership changes. Construction plan revision being processed to remove storm water pond from Dulles 28 Centre property. Coordinating with Dominion Virginia Power (DVP) who is going to install new transmission line in the area. <b>Received cost estimate from DVP which is much higher than expected; cost estimate under review and discussion.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Cochran Mill Road Bridge Over Tuscarora Creek (developer project – Goose Creek Club)	Construction of new bridge over Tuscarora Creek	Catoctin Leesburg	The Board of Supervisors approved the Goose Creek Club rezoning at its May 20, 2015 business meeting. The developer proffered to construct a two lane bridge. VDOT staff is coordinating with the developer. There has been continued deterioration of the bridge which has necessitated additional emergency repairs. The developer is in the process of designing the bridge and is coordinating plan submittals with the Town of Leesburg. Project staff is working with Fire and Rescue staff on access issues. Developer is coordinating plan submittals with the Town of Leesburg. 30% plans approved by VDOT; developer is planning to commence construction end of 2016/early 2017; therefore, VDOT is proposing to remove this project from the Secondary Six Year Plan and move the funds to the intersection of The Woods Road and Evergreen Mill Road. The developer (Kettler) submitted 60% design plans to VDOT for review. <b>60% design plan reviewed; 90% plan submittal planned for Fall 2016. Construction to start later this year or early next year by developer of Goose Creek Golf Course. VDOT is proposing to remove this project from the Secondary Road Six Year Plan and applying the funds toward building the turn lanes along Evergreen Mills Road at relocated The Woods Road.</b>
Crosstrail Boulevard Segment B	Design of Crosstrail Boulevard extension between Kincaid Boulevard and Russell Branch Parkway	Catoctin Leesburg	Roadway plans approved by VDOT. Staff is working to get approvals from Town of Leesburg and the Dept. of Building and Development. Appraisals for offsite property acquisition are underway. Tuscarora Crossing proffered to obtain right of way over the next six months. The County Attorney prepared a Memorandum of Agreement pertaining to Tuscarora Crossing’s time frame for right-of-way acquisition, which extends for six months following construction plan approval or September 1, 2016, whichever occurs first. The construction plans have been approved by VDOT, we are awaiting approval from the Town of Leesburg, Building and Development and NoVa Parks. The storm water management agreement that is required by the Town of Leesburg has been approved. The Town of Leesburg has not yet approved the construction plans; vacation of a conservation easement and tree save area are required. Deeds and plats have been submitted for review; the developer of Tuscarora Crossing to begin right-of-way acquisition. DTIC met with staff from Town of Leesburg to address their comments; construction plans resubmitted June 28, 2016. Storm water management agreement sent to property owner for review. Construction plan approval expected from the Town of Leesburg; meeting scheduled with the Town to discuss bonding requirements. County needs to purchase stream credits. <b>The construction plan was approved by B&amp;D on August 26, 2016. Currently working on finalizing bonding agreement and SWM agreement with Town and acquisition of stream credits.</b>
Crosstrail Boulevard Segment A-2	Construction of 4 lane divided Crosstrail Boulevard between Claudia Drive and Sycolin Road	Catoctin	A kickoff meeting was held on 3/24/2015. Fort Myer is the contractor. The Notice to Proceed was issued June 9, 2015. A groundbreaking ceremony was held on June 30, 2015 and construction is underway. Blasting for excavation and storm pipe work has begun. Installation of the storm structures is underway. The contractual completion is Spring 2018. The project is on schedule. Installation of storm structures continues. Excavation and storm pipe installation continues. Verizon has begun utility relocation along Sycolin Road. <b>Verizon has completed utility relocation along Sycolin Road. Blasting, excavation and storm pipe work continues.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Evergreen Mills Road / The Woods Road Intersection Improvements	Turn lanes on Evergreen Mills Road at relocated The Woods Road; Final phase of the original scope of The Woods Road Relocation	Catoclin	Phase 2 - The turn lanes on Evergreen Mills Road will be pursued when adequate funding has been identified. A meeting was held with Supervisor Higgins and representatives of Believer's Baptist Church on July 2, 2015 to explain the situation. County staff received an estimated cost for this work from VDOT. The cost estimate is \$2,701,596. Funding has not been identified. VDOT is preparing a cost estimate for the intersection which will be available in May 2016. The cost estimate intersection improvement is \$2.8M. VDOT's Central Office will prepare the design for the turn lanes; kick-off meeting held July 5, 2016. Funding for the project is proposed in VDOT's FY2017-FY2022 Secondary Road Six Year Improvement Plan. Tentative schedule is to acquire right-of-way in 2017 and begin construction in 2018. Right-of-way plans being prepared. <b>Property survey completed.</b>
John G. Lewis Memorial (Featherbed Lane) Bridge over Catoclin Creek	Construction of a new bridge on Featherbed Lane over the existing truss bridge	Catoclin	A community meeting was held on March 26, 2015 at the Waterford Community Center to discuss the project. A number of interested residents attended to review the options presented. A follow-up stakeholders meeting was held on July 23, 2015 at the Waterford Community Center. A bridge naming ceremony was held on July 29, 2015. The next third stakeholders' meeting was held on September 16, 2015 from 11 a.m. to 1 p.m. in the Old Waterford School. VDOT presented three alternatives to the State Department of Historic Resources for review. DHR chose option 2A which is building a new structure from the deck down. The trusses remain but become ornamental. VDOT will proceed with this option. Funding for this project comes on in later years of the State budget. A fourth stakeholders meeting was held on February 23, 2016. The concurrence was to move forward with Alternative 2A. The number of bridge spans is contingent upon hydraulic analysis. Effects Determination Report on the historic resource submitted to the Virginia Department of Historic Resources on March 25, 2016; VDOT expects to receive comments in May 2016. <b>Preliminary engineering of preferred alternative will begin when funding becomes available in FY2019.</b>
Route 15 Congestion Mitigation Improvements	Study to identify short term solutions to mitigate afternoon congestion on northbound Route 15	Catoclin Leesburg	VDOT has identified pre-scoping funds to perform a more rigorous traffic study using the Town study from Wells and Associates as a base. VDOT staff issued a notice to proceed to VHB on May 26, 2015. The study is underway by VHB. The draft report is under review by VDOT staff. When they have completed their review, the report will be presented for discussion to County and Town of Leesburg staff. A meeting to discuss the consultant's report is scheduled for mid-March, 2016 with VDOT, Town and County staffs. When a path forward is agreed to, the Chairman and District supervisors will be briefed to determine next steps. Staff from VDOT, Loudoun County and the Town of Leesburg met on March 17, 2016 to discuss the draft report; one of the proposed alternatives requires additional analysis and cost estimates need to be obtained in order to identify the recommended alternative. The County issued a task order contract to obtain cost estimates and additional analysis for each alternative; report to be issued in December 2016, project team to brief the Board of Supervisors in early 2017. <b>Data collection is in progress; the study will capture traffic counts from two additional intersections on Business Route 15 (King Street) and include AM peak (southbound) traffic in the analysis.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
The Woods Road Realignment	Realignment and paving of The Woods Road from approximately Understory Way in Courtland Rural Village to Evergreen Mills Road	Catoclin	<p>This project is being performed in two phases – Phase 1 is the realignment and Phase 2 is the intersection improvements from Evergreen Mills Road to The Woods Road. Phase 1 - A public hearing on the proposed VOF easement and on dedication of the replacement land was held on July 8, 2015. The Board authorized the dedication of the replacement land. There is a funding gap based on VDOT’s recently updated project cost estimate. The funding gap has been closed. County and Virginia Outdoor Foundation provided VDOT with a right of entry for VDOT in order for the project to be under construction in the Spring 2016 so as to avoid impacting the habitat of the Northern long-eared bat. Additional area of VOF easement needs to be vacated for the land fill buffer; this action is scheduled for the March 24, 2016 VOF Board meeting. The tree clearing contract was awarded to Pittman’s Tree and Landscaping with a completion date of April 10, 2016. Tree clearing started on February 25, 2016. Bids were received for the construction contract with the lowest bid from Phillips Construction. VDOT hopes to begin construction in the May/June 2016 timeframe. Construction cannot begin until the existing VOF easement is superceded with a new easement and recorded. On March 24, 2016, the Virginia Outdoors Foundation (VOF) Board approved the County's request for the release of 17 acres from VOF easement. An item will be presented to the Board of Supervisors at the April 13, 2016 public hearing to dedicate right-of-way to VDOT for the road. All of the trees within the project’s limits have been cleared. VDOT awarded a contract to Phillips Construction on March 29, 2016. Pre-construction meeting scheduled for April 18, 2016. Construction commenced the week of April 18, 2016 and is scheduled to be completed by the end of 2017. <b>Construction in progress; The Woods Road is closed from July 27, 2016 until November 1, 2016 for construction; the detour route is Gleedsville Road and Masons Lane. VDOT is planning to open the road before Thanksgiving 2016.</b></p>
Village of Lucketts Safety Project	Improvements to pedestrian safety, slow speeding traffic through the Village of Lucketts while maintaining traffic flow on Route 15.	Catoclin	<p>VDOT has obtained estimates for certain elements of the project. A determination on what can be done with the remaining funding will be discussed. VDOT reported that the federal government is looking to determine if there are adequate funds to get the project to the next phase or there could be ramifications to the State on use of the funds. Awaiting results of the Route 15 Congestion Relief study to determine how to proceed with this project. PH on hold pending further coordination with county. No change.</p>
Claiborne Parkway	Extension of Claiborne Parkway between Croson Lane and Ryan Road	Dulles	<p>Right of way has been cleared. The County continues to work with Columbia Gas on obtaining approval of an existing gas main. Pursuant to the Locally Administered Projects Manual, VDOT review of the IFB is not required. Consultant is finalizing design for the Croson Lane and Ryan Road traffic signal. The draft Invitation for Bid (IFB) has been prepared. A preliminary engineering study agreement with Columbia Gas has been finalized. County staff is reviewing Columbia Gas preliminary engineering study that was received on April 29, 2016. On June 23, 2016, the Board of Supervisors approved a contract award to Columbia Gas for relocation of the gas lines; they are expected to mobilize in the Fall 2016. After Columbia Gas has completed 50% of the relocation, the County will issue an Invitation for Bid for the Claiborne Parkway project. <b>Columbia Gas is currently onsite and working on relocating the twin 26” gas mains. The IFB is being finalized with a target issue date of November 1, 2016.</b></p>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Gum Spring Road Highway Safety Improvement Program (HSIP) project	Improve the alignment of Gum Spring Road; increase shoulder and lane width, add guardrail and improve roadside drainage between Cedar Ridge Boulevard and Sweetwater Lane	Dulles	VDOT reduced the scope of the project due to a \$350,000 funding shortfall. VDOT identified the funds. The project will be advertised in September, 2015. The bids came in \$375,000 over budget. VDOT staff identified additional funds from a completed HSIP project. The contract was awarded to A&M Concrete. Clearing began in mid-January 2016. The contractor is working on clearing and grubbing and erosion and sedimentation control measures. The contract completion date is October, 2016. Contractor is working on storm water management pond and drainage; the project is progressing on schedule. The project is progressing on schedule. Construction of the storm water management pond is complete; pipe installation in progress. <b>Proceeding with roadway construction.</b>
Mooreview Parkway Extension	Extension of Mooreview Parkway from Old Ryan Road to Croson Lane	Dulles	Several sets of privately prepared plans needed to be consolidated and updated. County staff has sent plats and deeds to impacted property owners to sign. When right of way is cleared the project will be bid for construction. There are issues with a conflict with Columbia Gas that staff is working on resolving. Staff is working with Columbia Gas to try and resolve the conflicts. Comments have been received on the agreement from Columbia Gas and incorporated into the document. The agreement has been signed by the County and sent to Columbia Gas for execution. Staff is still waiting to hear from Columbia Gas. The project is being delayed by them. Bids were opened on July 9, 2015 and came in over budget. The bid will be rejected and the project rebid when the Columbia Gas issues are resolved. On January 21, 2016, the Finance Government Operations & Economic Development Committee tabled an item that proposed \$1.8M of additional funding for the relocation of the gas line. On January 21, 2016, the Board of Supervisors approved a reimbursement agreement with Atapco for a portion of Old Ryan Road, between Mooreview Parkway and Southland Street, that is included in the Mooreview Parkway project. On March 17, 2016, the Board of Supervisors approved the Columbia Gas agreement and supplemental funding request. Once the Columbia Gas is executed, Columbia Gas will have six months to relocate its facilities. Columbia Gas received their first deposit for the relocation of two gas lines; target date for completion is October 11, 2016. Invitation for bid will be issued as soon as Columbia Gas has completed its relocation; road construction expected to take a year. Columbia Gas commenced relocation of the gas line during the week of July 25, 2016. <b>Columbia Gas continues with gas line relocation work. A draft of the IFB has been prepared with a target issue date of October 2016.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Northstar Boulevard (Route 50 to Tall Cedars Parkway)	Extension of Northstar Boulevard between Route 50 and Tall Cedars Parkway	Dulles	A kick-off meeting was held on September 10, 2015. The consultant, J2 Engineering, is currently collecting survey and traffic data. The project schedule calls for 30% design plans to be submitted in late November, 2015. A Public Information Meeting was held on December 15, 2015. The design is moving forward. The schedule is to submit 60% design plans to VDOT in mid-March, 2016. The staff is working with VDOT to obtain SPAA approval. First submission of bridge plans scheduled for early April, 2016. VDOT Standard Project Administration Agreement was executed on March 1, 2016. Flood plain alteration application will be submitted on April 8, 2016. Preliminary bridge plans will be submitted on April 12, 2016. Value engineering study held May 10-11, 2016; geotechnical report received in June. Item going to July 21, 2016 Board of Supervisors Business Meeting to endorse design of the project. The Board endorsed the road alignment on July 21, 2016. 60% design review comments being addressed. County staff has begun meeting with property owners to discuss right-of-way acquisition. <b>County staff continues meeting with impacted property owners. A traffic signal warrant analysis being prepared for Marrwood Drive intersection.</b>
Poland Road/Edgewater Street Roundabout	Construction of a permanent roundabout to replace the temporary flex-post roundabout	Dulles	VDOT has allocated \$600,000 for this project and the Board allocated \$950,000 for the project. Funds are available July 1, 2015. The survey is complete. There are several requests relating to this project from the South Riding Proprietary that are to be coordinated with VDOT and the Proprietary. The project scoping meeting was held on September 9, 2015. Design is underway by a Central Office in-house design team. The preliminary field inspection meeting was held on January 13, 2016. Based on comments made, some adjustments to the layout are being done to further reduce right of way impacts. A design public hearing or a notice of willingness to hold a public hearing will be discussed with Supervisor Letourneau. 60% design plans are being prepared and are expected to be submitted in May 2016. Once the plans are approved, a briefing will be scheduled with the South Riding HOA Board of Directors. VDOT will also post a willingness to hold a public meeting. VDOT posted willingness to hold a public meeting on June 23, 2016. Project schedule anticipates design approval in August 2016; right-of-way authorization in September 2016; construction advertisement in June 2017. <b>Proceeding with Willingness Design Approval. Expect to receive right of way plans in September 2016.</b>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Route 606 Widening	Expansion of the existing 2 lane road to 4 lanes undivided between the Greenway and Loudoun County Parkway. The project also includes the construction of the Route 606/Loudoun County Parkway/Arcola Boulevard intersection and the addition of a third southbound lane on Loudoun County Parkway from the Route 606 intersection to West Dulles Boulevard.	Dulles Blue Ridge	<p>Bridge construction that will carry Route 606 over the emergency spillway of the Horsepen Run dam near the Greenway is underway. Contractual completion is late 2017; however, due to issues pertaining to right of way acquisition, permitting and utility relocation, completion of the overall project will be delayed. VDOT is currently finalizing the revised schedule with the contractor and has requested that the intersection of Route 606/Loudoun County Parkway be completed by September 2017. Appendix A of the Standard Project Administration Agreement with VDOT will need to be revised and approved by the Board in April, 2016 due to a change in funding sources for the project previously approved by the Board. Bridge and drainage work continues. Arcola Road was closed to through traffic on March 21, 2016 to allow for construction of new Route 606/Loudoun County Parkway/Arcola Boulevard intersection. 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 Pkwy intersection 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; the remainder of the road improvements completed August 2018. VDOT to send details to the County of the interim milestones and lane configurations. VDOT provided interim configuration for Route 606/Loudoun County Parkway intersection and communication plan to County. Construction continues along the project limits. MWAA permit secured. Water line and utility relocation work started from April 2016, which will continue into the summer. The Certificate of Take for Parcel 5/ICSP Data Center was recorded on 06-23-2016. <b>Construction activities include work on the new bridge over Horsepen Run, Horsepen Dam, roadway widening, retaining wall, waterline, drainage work and relocation of a portion of the MWAA access road.</b></p>
Tall Cedars Parkway	Extension of Tall Cedars Parkway between Gum Spring Road and Pinebrook Road	Dulles	<p>As of February 2016, right-of-way has been cleared with the exception of one parcel. Once land acquisition is completed, the construction Invitation for Bid (IFB) will be advertised. One property acquisition is outstanding. The issue should be resolved in the next few weeks. Construction is planned for completion in Fall 2017. All of the required right-of-way has been secured; IFB was advertised on April 4, 2016. Five bids were received on May 11, 2016; procurement is evaluating the bids and DTIC staff is reviewing the project budget. Contract award going to Finance, Government Operations and Economic Development Committee in July along with request for supplemental funding. Once contract is awarded, an 18 month construction timeline is expected. On July 21, 2016, the Board of Supervisors awarded a contract for this project. A construction kick-off meeting is scheduled for August 9, 2016. <b>Pre-Construction Meeting is scheduled for September 15, 2016 with anticipated Notice to Proceed the same day.</b></p>

PROJECT	DESCRIPTION	ELECTION DISTRICT	STATUS
Route 15 Interchange at Edwards Ferry/Fort Evans Road	Design and construction of grade separated interchanges at Route 15/Edwards Ferry Road and Route 15/Fort Evans Road	Leesburg	VDOT has initiated a project administration agreement with the Town of Leesburg. The design contract was issued to HTNB. A scoping meeting was held on May 1, 2015. Traffic data collection is complete. The Town of Leesburg submitted the executed SPAA to VDOT on August 3, 2015. Preliminary engineering was authorized on November 2, 2015. Notice to proceed was issued to the consultant on November 10, 2015. A study group meeting was held on December 16, 2015. The Interchange Justification Report (IJR) framework document is underway. A stakeholder meeting is planned for the summer of 2016 with a public information meeting to follow. The next study group meeting is January 20, 2016. This project was submitted as a candidate for HB-2 funding. It has not been recommended by VDOT staff for funding. A public information meeting for this project is scheduled for March 10, 2016 at Leesburg Elementary School from 6:30 to 8:30pm. Public information was held; additional comments were received via internet. <b>Proceeding with IJR development.</b>
Route 7/Battlefield Parkway Interchange	Design and construction of grade separated interchange at Route 7 and Battlefield Parkway	Leesburg	The Town of Leesburg has allocated \$1 million in FY 2014, \$1 million in FY 2015 and \$11 million in FY 2016 NVTA funding toward preliminary engineering and construction. VDOT has been requested to administer the project. Project scoping was held on March 11, 2015. VDOT selected Whitman Requardt & Associates as the design consultant. A scoping meeting was held with Town and County staff's on September 3, 2015. A draft SPAA was sent to the Town of Leesburg to execute on November 13, 2015. The SPAA was approved by the Town of Leesburg and has been sent to VDOT's Central Office. VDOT has signed the SPAA. Notice to proceed will be issued when federal authorization is received. Federal authorization was secured for preliminary engineering; notice to proceed for design was issued to Whitman Requardt on March 17, 2016. Coordination of traffic models with Route 15/Edwards Ferry Road/Fort Evans Road is underway. Traffic forecasting is underway. NVTA awarded \$20M to this project in FY2017. <b>Proceeding with IJR development. VDOT Project scoping meeting scheduled for Sept 14, 2016.</b>
East Holly Avenue Sidewalk	Construction of a sidewalk along East Holly Avenue between Sterling Boulevard and North Fillmore Avenue	Sterling	The Board of Supervisors approved an additional \$133,000 to close the funding gap. VDOT is coordinating a SPAA amendment and once executed the work can be scheduled to be completed. VDOT estimates this is approximately 1,100 foot sidewalk with 12 driveway aprons. It should be about a 45 day project after construction begins, pending weather issues. All right of entry letters have been secured. Construction is anticipated in the Spring, 2016 which is the earliest that the VDOT on-call contractor can get to the project. The contractor is currently completing a very large district-wide ADA ramp contract. This project is scheduled to receive bids in mid-March, 2016 with construction starting in May 2016. The bid was opened on March 23, 2016 and the lowest bid is \$146,512 from Arthur Construction; next step, VDOT will award the contract. Contract awarded on April 11, 2016; construction expected to begin in mid-June 2016, completion by the end of August 2016. Construction has begun, clearing and grubbing in progress. This project is on track for completion by the end of August 2016. <b>Project is complete and will be removed from future updates.</b>

## Debt Issuance Status for CIP Projects: FY 2017-2022 Adopted CIP (April 2016)

ROADS AND BRIDGES													
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Allder School Road Improvements	Lease Revenue	N/A	6,617,000	6,617,000	-	FY17 Adopted	5,617,000	-	-	-	-	-	5,617,000
						FY17 Actual	5,617,000	-	-	-	-	-	5,617,000
							-	-	-	-	-	-	-
Crosstrail Boulevard - Segment A2	Lease Revenue	N/A	18,164,013	18,164,013	-	FY17 Adopted	3,000,000	-	-	-	-	-	3,000,000
						FY17 Actual	3,000,000	-	-	-	-	-	3,000,000
							-	-	-	-	-	-	-
Metro Parking Garages	Lease Revenue	N/A	130,000,000	-	130,000,000	FY17 Adopted	40,000,000	50,000,000	40,000,000	-	-	-	130,000,000
						FY17 Actual	-	-	-	-	-	-	-
							40,000,000	50,000,000	40,000,000	-	-	-	130,000,000
Route 772 Connector Bridge	Lease Revenue	N/A	18,209,360	9,334,360	8,875,000	FY17 Adopted	9,334,360	8,875,000	-	-	-	-	18,209,360
						FY17 Actual	9,334,360	-	-	-	-	-	9,334,360
							-	8,875,000	-	-	-	-	8,875,000
Woodgrove High School/Fields Farm Park Road	Lease Revenue	N/A	3,815,000	3,815,000	-	FY17 Adopted	2,812,145	-	-	-	-	-	2,812,145
						FY17 Actual	2,812,145	-	-	-	-	-	2,812,145
							-	-	-	-	-	-	-
Shellhorn Road	General Obligation	2016	8,000,000	-	8,000,000	FY17 Adopted	8,000,000	-	-	-	-	-	8,000,000
						FY17 Actual	-	-	-	-	-	-	-
							8,000,000	-	-	-	-	-	8,000,000
Braddock/Summerall/Supreme Intersection	General Obligation	2016	2,000,000	-	2,000,000	FY17 Adopted	2,000,000	-	-	-	-	-	2,000,000
						FY17 Actual	-	-	-	-	-	-	-
							2,000,000	-	-	-	-	-	2,000,000
Route 7/ Route 690 Interchange Intersection	General Obligation	2016	4,000,000	-	4,000,000	FY17 Adopted	4,000,000	-	-	-	-	-	4,000,000
						FY17 Actual	-	-	-	-	-	-	-
							4,000,000	-	-	-	-	-	4,000,000
<b>Total Roads and Bridges</b>						(A) FY17 Adopted	<b>74,763,505</b>	<b>58,875,000</b>	<b>40,000,000</b>	-	-	-	<b>173,638,505</b>
						(B) FY17 Actual	<b>20,763,505</b>	-	-	-	-	-	<b>20,763,505</b>
							<b>54,000,000</b>	<b>58,875,000</b>	<b>40,000,000</b>	-	-	-	<b>152,875,000</b>

## Note:

(A) FY17Adopted is the FY 2017-FY2022 Amended CIP (April, 2016).

(B) FY17 Actual is the sum of the anticipated Fall 2016 bond sale.

(C) Amounts within this table are actual and anticipated bond sales and do not match appropriations. This is not an appropriation schedule.

(D) Projects with Referendum Year 2016 are pending for the November 2016 Referendum

## Debt Issuance Status for CIP Projects: FY 2017-2022 Adopted CIP (April 2016)

PUBLIC SAFETY													
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Animal Services Facility	General Obligation	2014	15,370,000	-	15,370,000	FY17 Adopted FY17 Actual	7,120,000 -	5,050,000 -	3,200,000 -	- -	- -	- -	15,370,000 -
							7,120,000	5,050,000	3,200,000	-	-	-	15,370,000
Courts Complex Phase III	Lease Revenue	N/A	77,400,000	17,300,000	60,100,000	FY17 Adopted FY17 Actual	10,000,000 10,000,000	16,000,000 -	29,000,000 -	15,100,000 -	- -	- -	70,100,000 10,000,000
							-	16,000,000	29,000,000	15,100,000	-	-	60,100,000
Juvenile Detention Center	Lease Revenue	N/A	15,015,000	7,015,000	8,000,000	FY17 Adopted FY17 Actual	6,049,700 6,049,700	8,000,000 -	- -	- -	- -	- -	14,049,700 6,049,700
							-	8,000,000	-	-	-	-	8,000,000
Leesburg Volunteer Fire Company Renovation Station #20	General Obligation	2016	4,000,000	-	4,000,000	FY17 Adopted FY17 Actual	4,000,000 -	- -	- -	- -	- -	- -	4,000,000 -
							4,000,000	-	-	-	-	-	4,000,000
Lovettsville Fire Station Replacement	General Obligation	2016	13,500,000	-	13,500,000	FY17 Adopted FY17 Actual	6,750,000 -	6,750,000 -	- -	- -	- -	- -	13,500,000 -
							6,750,000	6,750,000	-	-	-	-	13,500,000
Lucketts Fire & Rescue Station Replacement	General Obligation	2013	11,490,000	2,920,000	8,570,000	FY17 Adopted FY17 Actual	5,570,000 -	3,000,000 -	- -	- -	- -	- -	8,570,000 -
							5,570,000	3,000,000	-	-	-	-	8,570,000
Public Safety Firing Range	Lease Revenue	N/A	16,000,000	4,000,000	12,000,000	FY17 Adopted FY17 Actual	4,000,000 4,000,000	12,000,000 -	- -	- -	- -	- -	16,000,000 4,000,000
							-	12,000,000	-	-	-	-	12,000,000
Sterling Fire & Rescue Station Replacement (includes land)	General Obligation	2014	16,480,000	4,010,000	12,470,000	FY17 Adopted FY17 Actual	- -	6,115,000 -	6,355,000 -	- -	- -	- -	12,470,000 -
							-	6,115,000	6,355,000	-	-	-	12,470,000
<b>Total Public Safety</b>					(A) FY17 Adopted		<b>43,489,700</b>	<b>56,915,000</b>	<b>38,555,000</b>	<b>15,100,000</b>	-	-	<b>154,059,700</b>
					(B) FY17 Actual		<b>20,049,700</b>	-	-	-	-	-	<b>20,049,700</b>
							<b>23,440,000</b>	<b>56,915,000</b>	<b>38,555,000</b>	<b>15,100,000</b>	-	-	<b>134,010,000</b>

## Note:

(A) FY17Adopted is the FY 2017-FY2022 Amended CIP (April, 2016).

(B) FY17 Actual is the sum of the anticipated Fall 2016 bond sale.

(C) Amounts within this table are actual and anticipated bond sales and do not match appropriations. This is not an appropriation schedule.

(D) Projects with Referendum Year 2016 are pending for the November 2016 Referendum

Debt Issuance Status for CIP Projects: FY 2017-2022 Adopted CIP (April 2016)

PARKS, RECREATION AND CULTURE													
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Ashburn Recreation & Community Center	General Obligation	2016	9,680,000	-	9,680,000	FY17 Adopted FY17 Actual	9,680,000 -	- -	- -	- -	- -	- -	9,680,000 -
							9,680,000	-	-	-	-	-	9,680,000
Lovettsville Community Center	Lease Revenue	N/A	7,380,000	7,380,000	-	FY17 Adopted FY17 Actual	6,380,000 6,380,000	- -	- -	- -	- -	- -	6,380,000 6,380,000
							-	-	-	-	-	-	-
Lovettsville District Park	General Obligation	2013	9,000,000	-	9,000,000	FY17 Adopted FY17 Actual	4,000,000 -	5,000,000 -	- -	- -	- -	- -	9,000,000 -
							4,000,000	5,000,000	-	-	-	-	9,000,000
Sterling Community Center Replacement	General Obligation	2007/2014	11,582,000	6,498,000	5,084,000	FY17 Adopted FY17 Actual	- -	5,084,000 -	- -	- -	- -	- -	5,084,000 -
							-	5,084,000	-	-	-	-	5,084,000
<b>Total Parks, Recreation and Culture</b>					(A) FY17 Adopted		20,060,000	10,084,000	-	-	-	-	30,144,000
					(B) FY17 Actual		6,380,000	-	-	-	-	-	6,380,000
							13,680,000	10,084,000	-	-	-	-	23,764,000

HEALTH AND WELFARE													
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
*No Projects to Report													
<b>Total Health and Welfare</b>					(A) FY17 Adopted		-	-	-	-	-	-	-
					(B) FY17 Actual		-	-	-	-	-	-	-

Note:  
 (A) FY17Adopted is the FY 2017-FY2022 Amended CIP (April, 2016).  
 (B) FY17 Actual is the sum of the anticipated Fall 2016 bond sale.  
 (C) Amounts within this table are actual and anticipated bond sales and do not match appropriations. This is not an appropriation schedule.  
 (D) Projects with Referendum Year 2016 are pending for the November 2016 Referendum

Debt Issuance Status for CIP Projects: FY 2017-2022 Adopted CIP (April 2016)

GENERAL GOVERNMENT													
Project Name	Type of Financing	Referendum Year	Authorized Amount	Amount Issued	Authorized & Unissued	Budget Year	FY 2017	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	Total
Landfill Reclamation Project	Lease Revenue	N/A	15,500,000	6,000,000	9,500,000	FY17 Adopted	6,000,000	5,000,000	2,500,000	-	-	-	13,500,000
						FY17 Actual	4,000,000	-	-	-	-	-	4,000,000
							2,000,000	5,000,000	2,500,000	-	-	-	9,500,000
<b>Total General Government</b>					(A) FY17 Adopted	6,000,000	5,000,000	2,500,000	-	-	-	13,500,000	
					(B) FY17 Actual	4,000,000	-	-	-	-	-	-	4,000,000
						2,000,000	5,000,000	2,500,000	-	-	-	-	9,500,000
<b>Total</b>					(A) FY17 Adopted	144,313,205	130,874,000	81,055,000	15,100,000	-	-	-	371,342,205
					(B) FY17 Actual	51,193,205	-	-	-	-	-	-	51,193,205
						93,120,000	130,874,000	81,055,000	15,100,000	-	-	-	320,149,000

Note:

(A) FY17Adopted is the FY 2017-FY2022 Amended CIP (April, 2016).

(B) FY17 Actual is the sum of the anticipated Fall 2016 bond sale.

(C) Amounts within this table are actual and anticipated bond sales and do not match appropriations. This is not an appropriation schedule.