



## **Facilities & Environmental Services Project Management Division**

### **Capital Projects Status Report 2nd Quarter CY 2016**

**August 3, 2016**

The Project Management Division (PMD) of the Facilities & Environmental Services Department is pleased to present the second quarter Capital Projects Status Report for calendar year 2016. The report provides summary level information on all projects managed by PMD, including both Capital Projects and Capital Maintenance Projects.

The PMD team has been diligently supporting 36 active County projects; the following provides a few highlights on notable projects. Substantial Completion was achieved on the Regional Firearms Training Center, the ESOL Mezzanine Fit-Out at Northside Library, and the Carrsbrook Pipe Repair. The Red Hill Elementary School Modernization & Security Addition, the Jack Jouett Middle School Security Improvements, and the Crozet Avenue North Sidewalk Improvement projects are under construction. Several local government and school maintenance projects are also under construction. They include DSS Office Renovations, Scottsville Library ADA Upgrades, Crozet Park Parking Lot, Darden Towe Tennis Court Replacement, WAHS Kitchen Upgrade, Greer Elementary Interior Renovations, Cale Elementary Interior Renovations, and new roofing systems for Agnor-Hurt Elementary, Vehicle Maintenance Facility, and Murray Elementary, to name just a few.

The Greer Elementary Interior Renovations project has been delayed due to exterior wall structural deficiencies that were discovered during construction. The deficiencies are primarily due to 1970's construction that would not meet today's code requirements. Our staff is currently working with the design team on a plan to remedy this situation and provide a safe facility for students and staff.

We hope you continue to find this report useful and informative.

***"Helping to Build a Better Albemarle"***



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

**CAPITAL PROJECTS**

<b>Substantially Complete</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Regional Firearms Training Center	Design and construction of a regional indoor firearms training facility, which includes a 50-yard qualification range and 50-yard tactical range, 16 shooting lanes (original scope 20-24 shooting lanes), classroom, office, bathrooms and storage areas (control platforms eliminated from original scope). The range will be located on property owned by UVA on Milton Road.	<ul style="list-style-type: none"> <li>▪ <b><i>Certificate of Use and Occupancy issued July 5, 2016.</i></b></li> <li>▪ Contractor completing final punch list items. Final owner requested change orders being processed.</li> </ul>	\$6,041,508	▪ Substantially Complete June 2016
English Speaking as a Second Language (ESOL) Mezzanine Fit-Out Project at Northside Library	Fit-Out of existing shell space at Northside Library to support the School's ESOL Program. Work includes framing, drywall, electrical, mechanical, plumbing, sprinkler and finishes work.	<ul style="list-style-type: none"> <li>▪ Contractor completing final punch list items.</li> <li>▪ ESOL staff moving in week of July 11, 2016.</li> </ul>	\$283,188	▪ Substantially Complete June 2016
Carrsbrook Pipe Repair	Replacement of a failing underground pipe between the upper and lower lakes along Carrsbrook Drive. The County and VDOT are equally sharing the cost to construct a new underground pipe and associated improvements.	<ul style="list-style-type: none"> <li>▪ All work is complete except for striping which should be completed in July 2016.</li> <li>▪ Final cost accounting from VDOT to be submitted after completion.</li> </ul>	\$175,150	▪ Substantially Complete May 2016



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Construction Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Red Hill Elementary School Modernization & Security Addition	Design and construction of a single story addition and modernization improvements.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued and work commenced June 2016.</li> <li>▪ Phased project:               <ul style="list-style-type: none"> <li>○ Phase 1 – Class POD 1A, 1B, 1C; Octagonal POD; stage; main corridor.</li> <li>○ Phase 1A – security addition.</li> <li>○ Phase 2 – Class POD 2A, 2B, 2C and 2D.</li> <li>○ Phase 3 – Class POD 3A and 3B.</li> <li>○ Phase 4 – Existing administration area.</li> </ul> </li> <li>▪ Phase 1 work is underway and on schedule.</li> </ul>	\$2,531,691 (construction)	<ul style="list-style-type: none"> <li>▪ Phased Substantial Completion</li> <li>Phase 1 – Aug 2016</li> <li>Phase 1A – Oct 2016</li> <li>Phase 2 – Oct 2016</li> <li>Phase 3 – Nov 2016</li> <li>Phase 4 – Nov 2016</li> </ul>
Jack Jouett Middle School Security Improvements	Design and construction of a single story addition and minor renovations.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – contractor mobilizing mid-July 2016.</li> </ul>	\$651,848 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion December 2016</li> </ul>



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Construction Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Crozet Avenue North, South Pantops Drive and State Farm Boulevard Sidewalk Improvements	<p>VDOT Revenue Sharing project to support pedestrian safety by providing the following sidewalk improvements:</p> <ul style="list-style-type: none"> <li>a) Crozet Avenue North – approx. 1,110 LF of sidewalk construction between St. George Ave and Crozet Elementary School, including concrete curb and sidewalk, storm piping, drop inlets, and waterline relocation.</li> <li>b) State Farm Boulevard – approx. 660 LF of sidewalk construction between Richmond Road and Hickman Road, including concrete curb and sidewalk, storm piping, and drop inlets.</li> <li>c) South Pantops Drive – approx. 600 LF of sidewalk construction, including concrete curb and sidewalk, storm piping, and drop inlets.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Crozet Avenue North sidewalk was closed on 6/8/16 and will remain closed until substantial completion scheduled on 8/17/16. Waterline casing pipe installed; culvert extended under Crozet Avenue and head wall placed; conduit and boxes installed for future fiber-optic cable (owner furnished materials); continuing excavation for final sidewalk grade.</li> <li>▪ State Farm/South Pantops phase to start the latter part of August 2016.</li> </ul>	\$1,894,642	<ul style="list-style-type: none"> <li>▪ Substantial Completion - Crozet – August 2016 State Farm/S. Pantops – December 2016</li> </ul>



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Bid/Award Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Preddy Creek Park Bridge	Construction of a wire cable and wood suspension bridge, and crushed stone stream ford to provide pedestrian/hiker/biker and equestrian/emergency vehicle access across Preddy Creek to Preddy Creek Park lands.	<ul style="list-style-type: none"> <li>Prior procurement on hold - working with the Virginia Department of Conservation and Recreation grant administrator to receive authorization to award.</li> </ul>	\$211,273	<ul style="list-style-type: none"> <li>Substantial Completion 4th Quarter 2016</li> </ul>
<b>In Design/Planning Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Hydraulic Road and Barracks Road Sidewalk Improvements	<p>VDOT Revenue Sharing project to support pedestrian safety by providing the following sidewalk improvements:</p> <p>a) Hydraulic Road - construct approx. 1700 feet of sidewalk on the north side from the existing sidewalk at the Stonefield Shopping Center to Georgetown Rd.</p> <p>b) Barracks Road</p> <p>1) construct approx. 1000 feet of sidewalk on the north side from Barracks West apartments to existing sidewalk west of Georgetown Rd intersection;</p> <p>2) construction of crosswalk and a segment of sidewalk (225 ft total) on the south side between Georgetown Road intersection &amp; Westminster Road.</p>	<ul style="list-style-type: none"> <li>Board approved scope reduction on 6/1/16 to eliminate the section of sidewalk on Barracks Road identified as Area 3.</li> <li>Right-of-way negotiations on-going – 10 of 14 property owners on Hydraulic Road have signed right-of-way dedications. Negotiations continue with Barracks Road landowners.</li> </ul>	\$2,008,698	<ul style="list-style-type: none"> <li>Advertise 1st Quarter 2017</li> </ul>



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Design/Planning Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Ivy Road Sidewalk Improvements	VDOT Revenue Sharing project to support pedestrian safety by providing sidewalk along Ivy Road from the existing sidewalk at the Charlottesville City limits to Stillfried Lane with a potential future extension along the UVA property to the Route 29/250 Bypass interchange. Includes crosswalks and pedestrian signals at the Old Ivy Road (railroad underpass) and Ivy Road intersection along with bike lane facilities, curb & gutter, storm drainage system improvements and consideration for possible street trees and pedestrian lighting.	<ul style="list-style-type: none"> <li>Public Hearing (40%) Plans (City Limits to Stillfried Lane) and design waiver requests were submitted to VDOT for review and comment.</li> <li>Advertise public hearing once VDOT approves plans.</li> </ul>	\$1,345,623	Public Hearing 4th Quarter 2016
Old Lynchburg Road Walkway Improvements	VDOT Revenue Sharing project to provide improvements to the existing asphalt walkway (resurfacing or replacement) along Old Lynchburg Road (Fifth Street Extended to Doncaster Lane), painted pedestrian crosswalks (including to Region Ten building), and pedestrian signage.	<ul style="list-style-type: none"> <li>Environmental document (EQ-429), "No Plans" project drawing, and draft "Willingness to Hold a Public Hearing" submitted to VDOT for review and approval.</li> <li>Bid documents being prepared in-house.</li> </ul>	\$278,980	Bid 3rd Quarter 2016



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Design/Planning Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Rio Road – Avon Street – US Route 250 West-Crozet Sidewalk/Crosswalk Improvements	VDOT Revenue Sharing project to support pedestrian safety by providing the following sidewalk/crosswalk improvements: a) Rio Road – sidewalk improvement will connect the Stonehenge residential neighborhood to the John Warner Parkway and Rio Road sidewalk system. b) Avon Street – construction of sidewalk on the east side from Swan Lake Dr. to Mill Creek Dr. and then to Cale Elementary School; and on the west side from Stoney Creek Dr. to Arden Dr. c) US Route 250 West-Crozet – construction of sidewalk and crosswalks from Cory Farms to the Cloverlawn commercial area and Blue Ridge Shopping Center.	<ul style="list-style-type: none"> <li>▪ Public Hearing date TBD pending VDOT approval of waterline relocation on Avon St. Extended.</li> <li>▪ Coordinating waterline relocation plan revisions for submittal to VDOT and ACSA. Revised plans must be reviewed/approved prior to VDOT giving authorization to proceed with the Public Hearing.</li> <li>▪ Will request VDOT split project into 3 projects after the public hearing to maintain the flexibility of the current program agreement.</li> </ul>	\$3,672,916	<ul style="list-style-type: none"> <li>▪ Public Hearing 3rd Quarter 2016</li> </ul>
Hollymead-Powell Creek Drive Sidewalk	Provide sidewalk and pedestrian crossing improvements at 3 locations to complete pedestrian links to Hollymead Elementary and Sutherland Middle Schools. The required right-of-way has been donated.	<ul style="list-style-type: none"> <li>▪ Bid documents being prepared in-house.</li> <li>▪ Design plans are 95% complete – in progress are sections/details, labels, notes, and project manual.</li> </ul>	\$213,128	<ul style="list-style-type: none"> <li>▪ Bid 3rd Quarter 2016</li> </ul>



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Design/Planning Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Rescue 8 Station Renovation	Design and construction of renovations to the existing station, to include renovation of approximately 2,730 square feet of the existing rescue squad building, an addition of approximately 300 square feet to enlarge the bay for current apparatus, and restoration/ replacement of the existing parking lot.	<ul style="list-style-type: none"> <li>Design development estimate received and approximately \$200k over budget. Staff evaluating estimate to identify any costs that could be reduced.</li> <li>Site plan submitted to Community Development.</li> </ul>	\$944,697	<ul style="list-style-type: none"> <li>Bid/Award 3rd Quarter 2016</li> </ul>
Pantops Station 16	Design and construction of an approximately 9,880 SF facility with three apparatus bays (2 for fire engines or rescue vehicles and 1 for ambulance or small rescue vehicle) and support facilities for 13 personnel, including office, training, equipment, and bunk space.	<ul style="list-style-type: none"> <li>First construction estimate received in June and approximately \$300k over budget. Staff evaluating estimate to identify any costs that could be reduced.</li> <li>Design/stakeholder meeting held on 7/1/16 and budget issues were discussed.</li> <li>The Pantops Public Safety Station Work Group continues to meet monthly (2nd Thursday).</li> </ul>	\$3,415,143	<ul style="list-style-type: none"> <li>Bid/Award 3rd Quarter 2016</li> </ul>
Hollymead Dam Spillway Improvements	Provide upgrades to the Hollymead Dam to prevent potential failure. This will be accomplished by reinforcing the downstream slope of the dam with articulated concrete block (ACB) to prevent scouring and failure during overtopping of the dam by floodwaters due to a major storm event.	<ul style="list-style-type: none"> <li>RFP issued for design services on 5/12/16 and proposals received on 6/7/16.</li> <li>The Selection Team reviewed and ranked the four proposals received. Negotiations to begin with the top ranked firm.</li> </ul>	\$2,780,755	<ul style="list-style-type: none"> <li>Finalize A/E contract and start design 3rd Quarter 2016</li> </ul>





***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

**MAINTENANCE PROJECTS**

<b>Substantially Complete</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Walnut Creek Park Step Repairs	Removal and replacement of pavilion/bathhouse concrete stairs that includes excavation of unsuitable soils, waterproofing sub-grade walls, and reinstallation of metal handrails.	<ul style="list-style-type: none"> <li>Substantially Complete 5/23/16.</li> <li>Project close-out in progress.</li> </ul>	\$110,536	<ul style="list-style-type: none"> <li>Substantially Complete May 2016</li> </ul>
<b>In Construction Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Totier Creek Park Restroom Renovations	Interior renovation of restrooms to include demolition, new ADA compliant restroom stalls and water closets, new plumbing fixtures, paint, solar powered light fixtures, entry doors and frames, power washing of exterior and installation of unit heaters in pump room.	<ul style="list-style-type: none"> <li>Masonry block filling and drywall ceilings complete; toilet partitions installed; doors and windows installed.</li> <li>Plumbing fixtures, accessories, and final painting remain.</li> </ul>	\$64,259	<ul style="list-style-type: none"> <li>Substantial Completion August 2016</li> </ul>
Crozet Park Parking Lot	Reconfigure a portion of the existing parking lot to provide paved parking spaces, better vehicular circulation, improved pedestrian safety, and parking lot lighting.	<ul style="list-style-type: none"> <li>Notice to Proceed issued – work started July 5, 2016.</li> <li>Working with Public Engagement to coordinate status updates for the community.</li> </ul>	\$308,066	<ul style="list-style-type: none"> <li>Substantial Completion early October 2016</li> </ul>
Darden Towe Park – Tennis Courts Replacement	Complete overhaul of the existing amenity; the result will be a new one of a slightly larger footprint, with regulation tennis courts within a fenced enclosure.	<ul style="list-style-type: none"> <li>Notice to Proceed issued 6/20/16.</li> <li>Construction underway - demolition of existing court completed; stone sub-base installed.</li> </ul>	\$233,832	<ul style="list-style-type: none"> <li>Substantial Completion August 2016</li> </ul>
Department of Social Services (DSS) Office Renovations	Interior renovations to provide five (5) new private offices for DSS at the 5 <sup>th</sup> Street County Office Building.	<ul style="list-style-type: none"> <li>New doors are late arriving; anticipate delivery and installation by late July.</li> <li>Final punch list inspection to be scheduled.</li> </ul>	\$103,557	<ul style="list-style-type: none"> <li>Substantial Completion August 2016</li> </ul>



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Construction Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Scottsville Library ADA Upgrades and Restroom Renovations	ADA improvements to the bathrooms and main entry that will include framing, drywall, electrical, mechanical, plumbing, and finishes work.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work to commence 8/13/16.</li> <li>▪ Starting mid-August, the library will be closed for approximately 3 weeks for the construction</li> </ul>	\$123,821	<ul style="list-style-type: none"> <li>▪ Substantial Completion September 2016</li> </ul>
Western Albemarle High School (WAHS) Kitchen Upgrade	Renovation of the 3,257 square foot kitchen and serving lines, including replacement of the freezer, cooler and other kitchen equipment, the floor and ceiling finishes, and associated mechanical, electrical and plumbing systems.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work started 4/20/16.</li> <li>▪ Construction underway - interior masonry work complete; installation of new electrical panel boards complete; above-ceiling mechanical and electric work complete; quarry tile flooring installed; and installation of new kitchen refrigeration systems and exhaust hood complete.</li> </ul>	\$927,000 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion August 2016</li> </ul>
Greer Elementary School Interior Renovations	Miscellaneous interior renovations at the Greer Elementary School stage area and adjacent rooms.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work started 6/8/16.</li> <li>▪ Major structural deficiency found in exterior wall section. Structural Engineer determined that entire CMU/brick wall must be demolished and rebuilt. Change Order amount will require County Executive approval.</li> </ul>	\$284,382 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion December 2016</li> </ul>



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Construction Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Cale Elementary School Interior Renovations	Renovations to space vacated by administrative staff after school security addition in 2015. Reconfigure space to create an additional number of offices.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work started 6/8/16.</li> <li>▪ Construction underway - demolition work complete; framing and hanging of new drywall complete; plumbing and electrical rough-in complete and inspected; CMU complete.</li> </ul>	\$168,826 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion August 2016</li> </ul>
Agnor-Hurt Elementary School and Vehicle Maintenance Facility (VMF) Roof Replacements	Agnor-Hurt: 61,000 s.f. membrane roof replacement at main building. VMF: 16,000 s.f. replacement of existing ballasted roof with new rubber membrane roof.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work started 6/8/16.</li> <li>▪ Construction underway at Agnor-Hurt (all ballast has been removed; new roof installed on gym and cafeteria; roof on top of one of three classroom wings installed).</li> <li>▪ VMF will start after Agnor-Hurt is complete</li> </ul>	\$906,190 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion Agnor Hurt – Aug 2016 VMF – Sept 2016</li> </ul>
Murray Elementary School Roof Replacement	25,000 s.f. of membrane roof replacement over the gym, office and classrooms at the front of the school.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work started 6/8/16.</li> <li>▪ Construction underway - tear off and installation of new roof underway.</li> </ul>	\$340,283 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion August 2016</li> </ul>
Albemarle High School Metal Wall Panels Replacement	Limited replacement of existing exterior metal wall panels on the 1972 addition.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work started 6/8/16.</li> <li>▪ Construction underway - removal of existing panels complete; new metal panels being fabricated.</li> </ul>	\$111,000 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion August 2016</li> </ul>



***Facilities & Environmental Services  
Project Management Division***

***Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Construction Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Albemarle High School and Western Albemarle High School Casework Refurbishment / Locker Removal	Removal of selected areas of built-in lockers and adjacent finishes and replacement with countertops, benches, electrical outlets and replacement and repair of adjacent finishes.	<ul style="list-style-type: none"> <li>▪ Notice to Proceed issued – work started 6/8/16.</li> <li>▪ Construction underway – locker removal at both schools complete; walls at WAHS painted.</li> <li>▪ Unforeseen existing conditions could impact budget.</li> </ul>	\$110,678 (construction)	<ul style="list-style-type: none"> <li>▪ Substantial Completion August 2016</li> </ul>
Albemarle High School Mobile Educational Classroom Trailers	Site work necessary to create a level pad for a Mobile Classroom trailer of approx. 8400 sq. ft., a sewer lateral connection, and asphalt and curb work.	<ul style="list-style-type: none"> <li>▪ Site work underway.</li> <li>▪ Trailers received and installation in progress.</li> </ul>	\$92,610	<ul style="list-style-type: none"> <li>▪ Substantial Completion August 2016</li> </ul>
<b>In Design/Planning Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
Darden Towe Park – Sediment Pond Dredging	Project consists of draining the pond which collects stormwater and is used to irrigate the athletic fields, dredging the sediments from the bottom, replacing the overflow drain cover, repairing the main drain control, and resetting the irrigation pumps.	<ul style="list-style-type: none"> <li>▪ Bid package for dredging to be prepared in-house.</li> <li>▪ Prepare Invitation for Bid by end of September; plan receipt of bid send of October 2016.</li> <li>▪ Evaluating options for utilizing small purchases procurement (under \$5,000) for minor pond repair work: drain cap replacement, defective shut-off valve.</li> </ul>	\$87,555	<ul style="list-style-type: none"> <li>▪ Substantial Completion 1st Quarter 2017</li> </ul>
Fire/Rescue Administrative Offices Space Planning and Renovation	Provide a study for efficient use of the existing Fire and Rescue administration offices at the 5 <sup>th</sup> Street County Office Building. Master plan and cost estimate will be done to prioritize renovations prior to construction documents.	<ul style="list-style-type: none"> <li>▪ Schematic master plan forwarded to Fire/Rescue for review and comment.</li> </ul>	\$249,960	<ul style="list-style-type: none"> <li>▪ Planned Completion 4th Quarter 2016</li> </ul>



***Facilities & Environmental Services  
Project Management Division  
Capital Projects Status Report – 2nd Quarter, CY 2016***

<b>In Design/Planning Phase</b>	<b>Scope</b>	<b>Status</b>	<b>Project Budget</b>	<b>Key Milestone</b>
COB Parking Lot Paving	Paving improvements to parking lots at COB-McIntire and COB-5th Street. The work will be accomplished in phases across three fiscal years (FY17, FY18 & FY19) assuming funds are appropriated each fiscal year.	<ul style="list-style-type: none"><li>▪ RFP for design firm to be posted by mid-September.</li></ul>	\$253,058 (FY 16 & 17)	<ul style="list-style-type: none"><li>▪ Procure design firm 4th Quarter 2016</li></ul>

## Project: Regional Firearms Training Center

### Description:

This project consists of design and construction of a regional indoor firearms training facility, which includes an 8 lane 50-yard qualification range and an 8 lane 50-yard tactical range, 16 total shooting lanes (original scope 20-24 shooting lanes), classroom, office, bathrooms and storage areas (control platforms eliminated from original scope). The range is located on property owned by UVA on Milton Road.

### Status:

***Temporary Certificate of Use and Occupancy issued on June 8, 2016, and Final Certificate of Use and Occupancy issued on July 5, 2016.*** The Contractor is completing final punch list items and final owner requested change orders are being reviewed by the A/E and Project Manager. Majority of equipment and material purchases are complete.

### Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
A/E Procurement Complete	04/07/14	04/21/14	14
Pre-design Complete	05/26/14	07/10/14	45
Design Complete	09/29/14	01/30/15	123
Bid Opening Date	10/30/14	03/18/15	139
Notice to Proceed	11/27/14	06/08/15	193
Building Pad Complete	07/06/15	07/06/15	0
Building dried in	11/15/15	11/15/15	0
Substantial Completion	04/02/16	06/08/16	67
Final Completion	05/03/16	08/08/16	97



## Project Budget:

	Baseline [January 2014]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 4,865,422	\$ 6,041,508	\$ (1,176,086)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 4,865,422</b>	<b>\$ 6,041,508</b>	<b>\$ (1,176,086)</b>
<b>Use of Funds</b>			
Soft Costs	\$ 509,191	\$ 841,796	\$ (332,605)
Hard Costs	\$ 4,024,824	\$ 4,935,826	\$ (911,002)
Contingency	\$ 331,407	\$ 263,886	\$ 67,521
<b>Total</b>	<b>\$ 4,865,422</b>	<b>\$ 6,041,508</b>	<b>\$ (1,176,086)</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ 303,164	
Paid to Date:		\$ 5,341,806	

### A/E Contract (Clark Nexsen)

Original Agreement	\$514,137
Approved Changes	\$ 74,693
Pending Changes	\$ 5,840
<b>TOTAL</b>	<b>\$594,670</b>

### Construction Contract (Jamerson-Lewis)

Bid Award	\$4,482,200
Approved Changes	\$ 194,369
Pending Changes	\$ 34,489
<b>TOTAL</b>	<b>\$4,711,058</b>

### A/E Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
1 – Well and septic design and analysis	\$42,276
2 – Tier 3 groundwater assessment	\$4,686
3 – Cultural Resource Study by Rivanna Archaeological Services	\$2,178
4 – Credit for revision to the scope and services for water well drilling and testing, and access road and well site clearing	\$(15,322)
5 – Photographic documentation during construction	\$9,075
6 – Additional CA services by sub WW Associates	\$6,930
7 – Clark Nexsen additional CA services Pending	\$24,870
<b>Pending 8</b> – Additional design fee for owner requested CO's	\$5,840

### Construction Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
1 – Range lighting control changes to provide remote control capability	\$32,309
2 – Provide power to 2nd HVAC control panel, two 3/4" empty conduits for future cameras, fire rated admin corridor ceiling, 4 portable bullet traps, metal stud support brackets above classroom ceiling, acoustical insulation in walls surrounding toilets, tables/chairs for Classroom 103, and key blanks and key cabinet.	\$48,889
3 – Police training simulator	\$64,228
4 – Provide power to water tank compressor, 2 Lista benches and 1 vise, and range light notification; time extension request; replace fixtures at smaller baffle location; add baffles at back wall behind trap; add 5 x 5 stoop at exterior door; change hardware at door 100A; upgrade resinous flooring; add wall bracing; provide heavy duty curtain rods at decontamination areas; add long necked counter soap dispensers.	\$48,943
<b>PENDING</b> – Final change orders for various revisions, upgrades, and changes.	\$34,489

REGIONAL FIREARMS RANGE TRAINING CENTER PROJECT BUDGET TRACKER								
	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope Changes	Project Budget Information Source
<b>OUTDOOR RANGE</b>								
Baseline Estimate Outdoor Range (Original CIP Budget)	Feb-12	\$ 127,356	\$ 36,548	\$ 976,396	\$ 1,140,300		Original CIP for Outdoor Range at old (closed) Keene Landfill, two 18 lane, 50 yd. ranges	Original CIP
Revised Estimate Outdoor Range	Nov-12	\$ 150,079	\$ 36,548	\$ 1,427,579	\$ 1,614,206	\$ 473,906	Estimate revised to account for additional cost of road, further sound study, wetlands, additional 100 yd. range. <b>Note:</b> Board stopped outdoor range project at 6 Feb 2013 meeting.	Revised CIP
<b>INDOOR RANGE</b>								
Indoor Range (Regional Firearms Training Center) Baseline CIP Estimate	Jan-14	\$ 425,000	\$ 84,191	\$ 4,356,231	\$ 4,865,422		Re-start of Indoor Range Project, formally titled Regional Firearms Range Training Center. Joint partnership with the City of Charlottesville and UVA to build and run an indoor Firing Range at UVA's Milton Site. Project assumed 20-24 lanes, an administrative area for training, storage and weapons cleaning and the site development. CIP estimates were based upon Concrete Masonry Wall construction, concrete ceiling and meeting noise ordinance at property line.	Revised CIP
Additional Appropriation	Jan-15	\$ 577,809	\$ 84,191	\$ 5,338,000	\$ 6,000,000	\$ 1,134,578	Post Schematic design estimate showed anticipated cost increases related primarily to market costs increasing for construction and material, change of construction material from CMU block to Concrete Panels and a decision to fully enclose the HVAC units. In order to moderate the cost increases the scope of ranges was reduced to 2, 8 lane ranges with independent HVAC systems and a smaller attached Admin building. Conclusion of an 8/15/14 executive meeting with fiscal management staff from the County, City, and UVA was an agreement to establish a not to exceed (NTE) total project budget of \$6 Million. Construction Budget is ~ \$5Mil. Direction to staff to return to Board if bids exceed budget.	Appropriation
Construction Drawings Estimate	Jan-15	\$ 576,099	\$ 84,191	\$ 6,631,272	\$ 7,291,562	\$ 2,426,140	Construction Drawings cost estimate from A/E. Project advertised with bid deducts included in Bid Form due to \$6M cap.	Construction Drawings Estimate
Current Estimate based on Bid Results	Mar-15	\$ 617,394	\$ 84,191	\$ 5,298,415	\$ 6,000,000	\$ 1,134,578	Current appropriation supports low bid so no bid deducts were necessary.	Bid Results
Project Management Services Adjustment	Jul-15		\$ 41,508		\$ 6,041,508	\$ 1,176,086	OFD Project Management Services - FY15 reconciliation and FY16 appropriation	Appropriation



## Project: Rescue 8 Station Renovations

### Description:

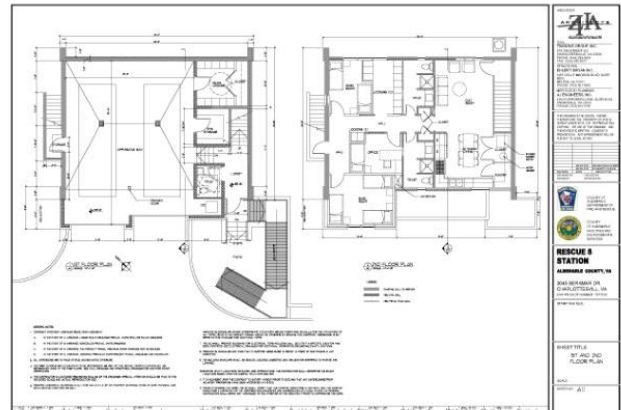
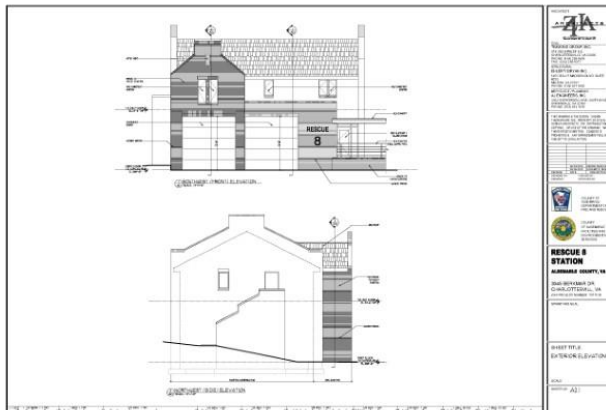
This projects consists of planning, design, and construction of renovations to the existing station which includes renovation of approximately 2,730 square feet of the existing rescue squad building, an addition of approximately 300 square feet to enlarge the bay for current apparatus, and restoration/ replacement of the existing parking lot.

### Status:

Design development cost estimate received and approximately \$200,000 over budget. We believe that the overage is due in part to site work and HVAC costs that are higher than anticipated and shown in a 2014 architectural study. Staff is evaluating the estimate to identify any costs that could be reduced. Site plan submitted to Community Development Department. Target resolving budget issues and having bid documents ready for posting by mid-August 2016.

### Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	12/01/15	04/01/16	122
Design Complete	01/13/16	08/05/16	205
Bid Opening Date	02/20/16	09/15/16	208
Notice to Proceed	03/10/16	09/30/16	204
Substantial Completion	01/04/17	07/30/17	207



## Project Budget:

	Baseline [July 2015]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 894,697	\$ 934,462	\$ (39,765)
* Future Appropriations	\$ -	\$ 10,235	\$ (10,235)
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 894,697</b>	<b>\$ 944,697</b>	<b>\$ (50,000)</b>
<b>Use of Funds</b>			
Soft Costs	\$ 154,557	\$ 164,896	\$ (10,339)
Hard Costs	\$ 654,925	\$ 704,925	\$ (50,000)
Contingency	\$ 85,215	\$ 74,876	\$ 10,339
<b>Total</b>	<b>\$ 894,697</b>	<b>\$ 944,697</b>	<b>\$ (50,000)</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ 76,313	
Paid to Date:		\$ 46,870	

\* Future Project Management services (maintains baseline)

### A/E Contract (ZHA Architects)

Original Agreement	\$113,774
Approved Changes	\$
Pending Changes	\$
<b>TOTAL</b>	<b>\$113,774</b>

### Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
<b>TOTAL</b>	<b>\$</b>

### A/E Change Orders:

No. & Brief Description      Amount

### Construction Change Orders:

No. & Brief Description      Amount

RESCUE 8 STATION RENOVATIONS PROJECT BUDGET TRACKER								
	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Baseline Estimate	Jul-15	\$ 106,521	\$ 33,036	\$ 755,140	\$ 894,697		Renovation of approximately 2,730 square feet of the existing rescue squad building, an addition of approximately 300 square feet to enlarge the bay for current apparatus, and restoration/ replacement of the existing parking lot. Will evaluate complete demolishing of existing building and new construction versus renovate/expansion.	FY16 Adopted CIP
Current Estimate at Completion	Jul-16	\$ 131,860	\$ 33,036	\$ 779,801	\$ 944,697	\$ 50,000	Additional \$50k appropriated in FY17 - Original construction estimate did not include sufficient funds for HVAC and plumbing activities.	FY17 Adopted CIP

## Project: Pantops Station 16

### Description:

This project consists of design and construction of an approximately 9,880 square foot public safety facility with three apparatus bays (2 for fire engines or rescue vehicles and 1 for ambulance or small rescue vehicle) and support facilities for 13 personnel, including office, training, equipment, and bunk space. Land was donated for its use at 656 Peter Jefferson Parkway in the Pantops area to serve the Pantops Mountain Urban Area (Neighborhood 3) and indirectly service the rest of the County.

### Status:

Design is currently underway. First construction estimate received in June and is approximately \$300,000 over budget. Much of this budget overage is due to changes that had to be made based on information contained in an engineering report that was received after site plan approval and also after a significant amount of building design had been completed. The report concluded that the minimum floor elevation of the new building would have to be 2.5 feet higher than shown. Staff is working with report engineer and project design team to identify saving opportunities. Design/stakeholder meeting held on 7/1/16 and budget issues were discussed. Target resolving budget issues and having bid documents ready for posting by mid-August 2016. The Pantops Public Safety Station Work Group continues to meet monthly (2nd Thursday).

### Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	03/06/16	04/02/16	27
Design Complete	06/02/16	08/19/16	78
Bid Opening Date	08/03/16	09/15/16	43
Notice to Proceed	08/22/16	10/07/16	46
Substantial Completion	09/02/17	10/27/17	55



## Project Budget:

	Baseline [July 2015]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 2,938,661	\$ 3,374,788	\$ (436,127)
* Future Appropriations	\$ -	\$ 40,355	\$ (40,355)
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 2,938,661</b>	<b>\$ 3,415,143</b>	<b>\$ (476,482)</b>
<b>Use of Funds</b>			
Soft Costs	\$ 327,611	\$ 416,321	\$ (88,710)
Hard Costs	\$ 2,410,200	\$ 2,755,958	\$ (345,758)
Contingency	\$ 200,850	\$ 242,864	\$ (42,014)
<b>Total</b>	<b>\$ 2,938,661</b>	<b>\$ 3,415,143</b>	<b>\$ (476,482)</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ 71,960	
Paid to Date:		\$ 154,934	

\* Future Project Management services (maintains baseline)

### A/E Contract (DJG, Inc.)

Original Agreement	\$220,223
Approved Changes	\$
Pending Changes	\$ 83,490
<b>TOTAL</b>	<b>\$303,713</b>

### Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
<b>TOTAL</b>	<b>\$</b>

### A/E Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
PENDING – Bid and construction phase services	\$83,490

### Construction Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
------------------------------------	---------------

PANTOPS STATION 16 PROJECT BUDGET TRACKER								
	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Baseline Estimate	Jul-15	\$ 225,000	\$ 102,611	\$ 2,611,050	\$ 2,938,661		Design and construction of an approximately 8,000 square foot fire/rescue station. Envisioned to include 2 apparatus bays (1 Engine and 1 Ambulance) and support facilities for 6 personnel.	FY16 Adopted CIP
Current Estimate at Completion	Jul-16	\$ 315,762	\$ 100,559	\$ 2,998,822	\$ 3,415,143	\$ 476,482	Updated costs from consultant using final schematic design footprint and including additional costs related to new stormwater requirements; additional A/E services for bid and construction phase.	FY17 Adopted CIP

## Project: Red Hill Elementary School Modernization & Security Addition

### Description:

This project provides a single story addition and modernization improvements at Red Hill Elementary School.

### Status:

The design phase was handled by the School's Building Services Department and handed-off to the Project Management Division for the construction phase. A Notice to Proceed was issued and work commenced in June 2016. Construction will take place in phases as follows:

- Phase 1 – Class POD 1A, 1B, 1C; Octagonal POD; stage; main corridor.
- Phase 1A – security addition.
- Phase 2 – Class POD 2A, 2B, 2C and 2D.
- Phase 3 – Class POD 3A and 3B.
- Phase 4 – Existing administration area.

Phase 1 work is underway and on schedule.

### Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Notice to Proceed	05/19/16	05/17/16	-2
Phase 1 - Renovation Start	06/15/16	06/15/16	0
Start interior demo		06/01/16	
Phase 1 - Substantial Completion	08/09/16	08/09/16	0
Phase 1A ( Addition) Start	06/15/16	06/15/16	0
Demo Canopy		06/09/16	
Phase 1A - Substantial Completion	10/28/16	10/28/16	0
Phase 2 - Renovation Start	08/22/16	08/22/16	0
Phase 2 - Substantial Completion	10/14/16	10/14/16	0
Phase 3 - Renovation Start	10/24/16	10/24/16	0
Phase 3 - Substantial Completion	11/30/16	11/30/16	0
Phase 4 - Existing Admin Area	11/07/16	11/07/16	0
Phase 4 - Substantial Completion	11/30/16	11/30/16	0



## Project Budget:

	Baseline [July 2015]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 2,531,691	\$ 2,531,691	\$ -
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 2,531,691</b>	<b>\$ 2,531,691</b>	<b>\$ -</b>
<b>Use of Funds</b>			
Soft Costs	\$ 27,091	\$ 31,604	\$ (4,513)
Hard Costs	\$ 2,321,600	\$ 2,319,258	\$ 2,343
Contingency	\$ 183,000	\$ 180,829	\$ 2,171
<b>Total</b>	<b>\$ 2,531,691</b>	<b>\$ 2,531,691</b>	<b>\$ -</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ 2,108,012	
Paid to Date:		\$ 198,883	

### Construction Contract (Mathers Construction)

Bid Award \$2,293,600

Approved Changes \$

Pending Changes \$

TOTAL \$2,293,600

### Construction Change Orders:

No. & Brief Description      Amount



RED HILL ELEMENTARY SCHOOL MODERNIZATION AND SECURITY ADDITION PROJECT BUDGET TRACKER								
	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Appropriated Budget (Baseline)	Jul-16	\$ -	\$ -	\$ 2,504,600	\$ 2,504,600		Single story addition and modernization improvements. Funding for this project is from 3 sources - Red Hill project, security improvements project, and maintenance account.	FY17 Adopted CIP
Project Management Services	Jul-16	\$ -	\$ 27,091	\$ -	\$ 2,531,691	\$ 27,091	Estimated OFD Project Management Services cost to manage project	FY16 and FY17 Appropriation

## **Project: Crozet Avenue North, South Pantops Drive and State Farm Boulevard Sidewalk Improvements**

### **Description:**

This Virginia Department of Transportation (VDOT) Revenue Sharing project supports pedestrian safety by providing sidewalk improvements along Crozet Avenue North, South Pantops Drive and State Farm Boulevard. The Crozet Avenue North portion of the project provides 1,110 LF of sidewalk construction between St. George Ave and Crozet Elementary School, including concrete curb and sidewalk, storm piping, drop inlets, and waterline relocation. The State Farm Boulevard portion of the project provides 660 LF of sidewalk construction between Richmond Road and Hickman Road, including concrete curb and sidewalk, storm piping, and drop inlets. The South Pantops Drive portion of the project provides 600 LF of sidewalk construction along South Pantops Drive, including concrete curb and sidewalk, storm piping, and drop inlets.

### **Status:**

Crozet Avenue North sidewalk was closed on June 8, 2016, and will remain closed until substantial completion scheduled on August 17, 2016. Waterline casing pipe installed; culvert extended under Crozet Avenue and head wall placed; conduit and boxes installed for future fiber-optic cable (owner furnished materials); continuing excavation for final sidewalk grade. The State Farm Boulevard phase is scheduled to start August 22, 2016.

### **Project Schedule:**

<b>Phase</b>	<b>Baseline Schedule</b>	<b>Actual/Forecast</b>	<b>Variance (days)</b>
Design Complete	02/14/13	02/28/14	379
Right-of-Way / Easements Complete	03/15/13	11/12/14	607
VDOT Approval to Advertise	04/15/13	06/12/15	788
Readvertise	12/20/15	12/10/15	-10
Bid Opening Date	05/31/13	01/20/16	964
Notice to Proceed / VDOT Approval of Contract	06/30/13	03/16/16	990
Substantial Completion Crozet Ave	10/15/13	08/17/16	1037
Substantial Completion State Farm/S. Pantops	10/15/13	12/19/16	1161



**CROZET AVE NORTH**

## Project Budget:

	Baseline [August 2015]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 1,894,642	\$ 1,894,642	\$ -
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 1,894,642</b>	<b>\$ 1,894,642</b>	<b>\$ -</b>
<b>Use of Funds</b>			
Soft Costs	\$ 623,223	\$ 649,137	\$ (25,914)
Hard Costs	\$ 1,155,419	\$ 1,132,444	\$ 22,975
Contingency	\$ 116,000	\$ 113,061	\$ 2,939
<b>Total</b>	<b>\$ 1,894,642</b>	<b>\$ 1,894,642</b>	<b>\$ -</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ 903,845	
Paid to Date:		\$ 822,091	

### A/E Contract (Kimley-Horn & Assoc.)

Combined Agreements \$255,716

(includes COs thru Aug 2015)

Approved Changes \$ 6,065

Pending Changes \$ 4,445

**TOTAL \$266,226**

### Construction Contract (Linco, Inc.)

Bid Award \$1,099,400

Approved Changes \$

Pending Changes \$ 11,000

**TOTAL \$1,110,400**

### A/E Change Orders:

**No. & Brief Description** **Amount**

**3 & 5** – Revise bid docs, issue  
addenda, CPS revisions \$6,065

**Pending** - Engineering design  
associated with waterline conflict \$4,445

### Construction Change Orders:

**No. & Brief Description** **Amount**

**Pending** - add temporary  
walkway for students; install  
Owner furnished conduits and  
boxes for fiber \$11,000

# CROZET AVENUE NORTH, SOUTH PANTOPS DRIVE AND STATE FARM BOULEVARD SIDEWALKS PROJECT BUDGET TRACKER

	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Baseline Estimate (COMBINED PROJECTS)	Aug-15	\$ 434,260	\$ 189,070	\$ 1,271,312	\$ 1,894,642		Board approved appropriation in August 2015 combining the project budgets to align with the Revenue Sharing Program award. a) Crozet Avenue North - replacing or constructing approximately 1100 feet of sidewalk and drainage improvements along the west side from Saint George Avenue to Crozet Elementary School. b) South Pantops Drive and State Farm Boulevard - constructing 3500 feet of curb, gutter and sidewalk along the north side of South Pantops Drive and west side of State Farm Boulevard.	Appropriation 2016-011
Current Estimate at Completion (reduced scope)	Jun-16	\$ 460,067	\$ 189,070	\$ 1,245,505	\$ 1,894,642	\$ (0)	Since bids received in August 2015 were over budget, on 11/4/15 Board authorized staff to re-bid the project with the Crozet North Avenue plans as they are currently, the reduction of the scope of the State Farm Boulevard sidewalk to build only the portion of new sidewalk between Route 250 (Richmond Road) and Hickman Road, and with the inclusion of the South Pantops Drive sidewalk as an additive alternate (1050 total LF).	No change in budget; scope reduction

## Funding Summary

	Date	Amount	Source
Crozet Avenue North	Thru FY07	\$ 19,382	Sidewalk Program
	10/03/07	\$ 104,617	Appropriation #2008-28 (reappropriation process)
	07/11/12	\$ 239,951	Appropriation#2012-085 - "deallocated" Revenue Sharing Program funds
	07/03/13	\$ 383,700	Appropriation #2014-005 - FY13 Revenue Sharing
South Pantops Dr/State Farm Blvd	10/03/07	\$ 512,000	Appropriation #2008-28 (reappropriation process)
	07/03/13	\$ 395,000	Appropriation #2014-005- FY13 Revenue Sharing
Combined Project	8/5/2015	\$ 61,261	Appropriation #2016-011 - MJH at PJP Proffer
	FY13-FY16	\$ 178,730	Project Management Services - appropriations (In FY10, prior to ISF, \$10,340 was paid from project accounts)
		<b>\$ 1,894,641</b>	

## Project: Hydraulic Road and Barracks Road Sidewalk Improvements

### Description:

This Virginia Department of Transportation (VDOT) Revenue Sharing project supports pedestrian safety by providing sidewalk improvements along Hydraulic Road and Barracks Road. The Hydraulic Road sidewalk improvement involves the construction of approximately 1,700 feet of sidewalk on the north side of Hydraulic Road from the existing sidewalk at the Stonefield Shopping Center to Georgetown Road. The Barracks Road sidewalk improvement involves: 1) the construction of approximately 1,000 feet of sidewalk from the Barracks West apartments on the north side of Barracks Road to the existing sidewalk west of the Georgetown Road intersection; and 2) the construction of crosswalk and a segment of sidewalk (225 ft total) on the south side between Georgetown Road intersection and Westminster Road.

### Status:

The Board approved a scope reduction on June 1, 2016, to eliminate the section of sidewalk on Barracks Road identified as Area 3. The scope to be removed consisted of approximately 350 linear feet of new sidewalk from S. Bennington Road (SR 1407) eastward to the Barracks Road-250/29 Bypass west-bound ramp and a new crosswalk at the signalized Barracks Road-250/29 Bypass intersection.

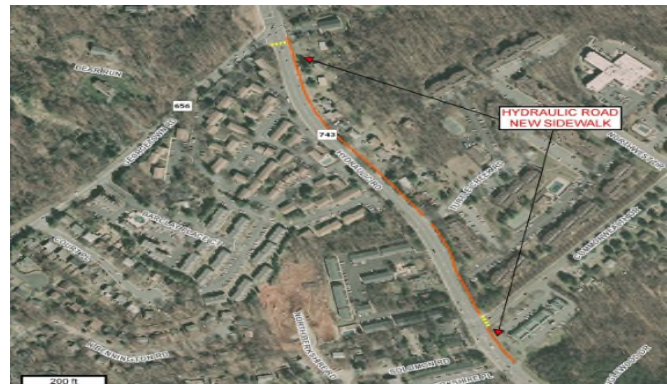
Right-of-way negotiations are on-going. 10 of 14 property owners on Hydraulic Road have signed right-of-way dedications. Negotiations continue with Barracks Road landowners.

### Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	10/01/14	01/28/15	119
Design Complete	05/01/15	02/15/17	656
Right-of-Way/Easements and Utilities Complete	04/01/15	02/15/17	655
Advertise Date	05/01/15	03/15/17	656
Bid Opening	06/01/15	04/15/17	653
Notice to Proceed	07/01/15	05/15/17	654
Substantial Completion	12/01/15	02/06/18	767



**BARRACKS RD - AREAS 1 & 2**



**HYDRAULIC ROAD**

## Project Budget:

	Baseline [January 2014]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 1,588,600	\$ 2,008,698	\$ (420,098)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 1,588,600</b>	<b>\$ 2,008,698</b>	<b>\$ (420,098)</b>
<b>Use of Funds</b>			
Soft Costs	\$ 617,600	\$ 865,369	\$ (247,769)
Hard Costs	\$ 873,900	\$ 1,047,513	\$ (173,613)
Contingency	\$ 97,100	\$ 95,817	\$ 1,283
<b>Total</b>	<b>\$ 1,588,600</b>	<b>\$ 2,008,698</b>	<b>\$ (420,098)</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ 73,414	
Paid to Date:		\$ 602,408	

### A/E Contract (Kimley-Horn)

Original Agreement	\$323,256
Approved Changes	\$ 42,017
Pending Changes	\$
<b>TOTAL</b>	<b>\$365,273</b>

### Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
<b>TOTAL</b>	<b>\$</b>

### A/E Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
<u>Hydraulic:</u>	
1 – Support public meeting process	\$13,164
<u>Barracks:</u>	
1 – Cemetery investigation	\$12,736
2 – Utility location services	\$12,844
3 – Additional surveying services	\$ 3,273

### Construction Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
------------------------------------	---------------

## HYDRAULIC ROAD AND BARRACKS ROAD SIDEWALK IMPROVEMENTS PROJECT BUDGET TRACKER

	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Baseline Estimate	May-13	\$ 560,000	\$ 57,600	\$ 971,000	\$ 1,588,600		Supports pedestrian safety by making sidewalk improvements along Hydraulic Road and Barracks Road. Hydraulic Road - construction of approx. 1700 feet of sidewalk on the north side between Commonwealth Drive and Georgetown Road. Barracks Road - 1) construction of approx. 1000 feet of sidewalk on the north side from Barracks West apartments to existing sidewalk west of Georgetown Road intersection; 2) construction of crosswalks and two segments of sidewalk (650 ft total) on the south side between Georgetown Road intersection & Westminster Road, and between South Bennington Road & 29/250 Bypass ramps.	Appropriations
Additional Appropriation to fully fund project	May-15			\$ 400,000	\$ 1,988,600	\$ 400,000	Budget insufficient to support completion of all Barracks Road sidewalk improvements based on current estimates. Appropriation request for additional \$400k approved at 5/6/15 Board meeting.	Appropriation
Project Management Services Adjustment	Jul-15		\$ 20,098		\$ 2,008,698	\$ 420,098	OFD Project Management Services - FY15 reconciliation and FY16 appropriation.	Appropriation
Current Estimate at Completion	Jun-16	\$ 787,670	\$ 77,698	\$ 1,143,330	\$ 2,008,698	\$ 420,098	Right-of-way costs (consultant, purchase) and testing/inspection services included with soft costs.	Current Estimate

Funding Summary			
Date	Amount	Source	
07/03/13	\$ 837,000	Appropriation #2014-005 - FY13 Revenue Sharing & proffer	
10/01/14	\$ 694,000	Appropriation #2015-042 - FY15 Revenue Sharing	
05/06/15	\$ 400,000	Appropriation #2015-092 - Proffer	
FY13-FY16	\$ 77,698	Project Management Services	
<b>TOTAL</b>	<b>\$ 2,008,698</b>		







## Project Budget:

	Baseline [January 2015]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 1,200,000	\$ 1,241,668	\$ (41,668)
* Future Appropriations	\$ 145,623	\$ 103,955	\$ 41,668
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 1,345,623</b>	<b>\$ 1,345,623</b>	<b>\$ -</b>
<b>Use of Funds</b>			
Soft Costs	\$ 535,623	\$ 535,623	\$ -
Hard Costs	\$ 720,000	\$ 720,000	\$ -
Contingency	\$ 90,000	\$ 90,000	\$ -
<b>Total</b>	<b>\$ 1,345,623</b>	<b>\$ 1,345,623</b>	<b>\$ -</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Encumbered:		\$ 4,335	
Paid to Date:		\$ 141,386	

\*Future Project Management services.

### A/E Contract (Kimley-Horn & Associates)

Original Agreement	\$133,956
Approved Changes	\$
Pending Changes	\$
<b>TOTAL</b>	<b>\$133,956</b>

### Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
<b>TOTAL</b>	<b>\$</b>

### A/E Change Orders:

No. & Brief Description                      Amount

### Construction Change Orders:

No. & Brief Description                      Amount

# **IVY ROAD SIDEWALK IMPROVEMENTS PROJECT BUDGET TRACKER**

	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Appropriated Budget (Baseline)	Jun-15	\$ 390,000		\$ 810,000	\$ 1,200,000		Extend approximately 3,000 feet of sidewalk from the City sidewalk at the Ivy Road/Old Ivy Road intersection westward to the Route 29/250 Bypass, and providing crosswalks, pedestrian signals, bike lanes and/or paved shoulders, curb, and storm drainage improvements, and possibly street trees and pedestrian lighting.	Appropriation 2015-042
Project Management Services	Jun-15		\$ 145,623		\$ 1,345,623	\$ 145,623	Estimated OFD Project Management Services cost to manage project	Current and Future ISF Appropriations

## Project: Old Lynchburg Road Walkway

### Description:

This Virginia Department of Transportation (VDOT) Revenue Sharing project supports pedestrian safety by providing improvements to the existing asphalt walkway (resurfacing or replacement) along Old Lynchburg Road (Fifth Street Extended to the Doncaster Lane), painted pedestrian crosswalks (including to Region Ten building), and pedestrian signage. This walkway is important since the Charlottesville Area Transit (CAT) bus route no longer stops at the Region Ten building but at a stop on the corner of Old Lynchburg Road and Fifth Street.

### Status:

“No Plans” project drawing and draft “Willingness to Hold a Public Hearing” were submitted to VDOT for review/approval on July 1, 2016. Environmental document (EQ-429) also submitted to VDOT. Will post "Willingness to Hold a Public Hearing" and send notices to adjacent owners once VDOT authorization is received.

### Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Design Complete / VDOT submittal	11/30/14	07/01/16	579
VDOT authorization to post willingness	01/10/16	08/10/16	213
Post willingness (twice)	1/17 & 1/24/16	8/17 & 8/24/16	213
Comment period ends	02/01/16	09/01/16	213
Request VDOT Authorization to Bid	02/10/16	09/10/16	213
VDOT authorization to post Bid Invitation	02/17/16	09/17/16	213
Bid Opening Date	03/30/15	10/14/16	564
Notice to Proceed	04/30/15	11/05/16	555
Substantial Completion	06/30/15	12/26/16	545



## Project Budget:

	Baseline [August 2014]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 275,617	\$ 275,617	\$ -
* Future Appropriations	\$ 3,363	\$ 3,363	\$ -
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 278,980</b>	<b>\$ 278,980</b>	<b>\$ -</b>
<b>Use of Funds</b>			
Soft Costs	\$ 48,980	\$ 48,980	\$ -
Hard Costs	\$ 207,000	\$ 207,000	\$ -
Contingency	\$ 23,000	\$ 23,000	\$ -
<b>Total</b>	<b>\$ 278,980</b>	<b>\$ 278,980</b>	<b>\$ -</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ -	
Paid to Date:		\$ 6,091	

*\*Future Project Management services.*

# **OLD LYNCHBURG ROAD WALKWAY PROJECT BUDGET TRACKER**

	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Appropriated Budget	Jun-15	\$ 20,000		\$ 230,000	\$ 250,000		Supports pedestrian safety by providing improvements to the existing asphalt walkway (resurfacing or replacement) along Old Lynchburg Road (Fifth Street Extended to the Doncaster Lane), painted pedestrian crosswalks (including to Region Ten building), and pedestrian signage.	Appropriation 2015-042
Project Management Services	Jun-15		\$ 28,980		\$ 278,980	\$ 28,980	Estimated OFD Project Management Services cost to manage project	Current and Future ISF Appropriations

## Project: Rio Road, Avon Street, and Route 250W-Crozet Sidewalk Improvements

### Description:

This Virginia Department of Transportation (VDOT) Revenue Sharing project supports pedestrian safety by providing sidewalk improvements along Rio Road, Avon Street, and US 250 West (Rockfish Gap Turnpike). The Rio Road sidewalk improvement project will connect the Stonehenge residential neighborhood to the John Warner Parkway and Rio Road sidewalk system. The Avon Street walkway/crosswalks improvement project will provide sidewalk on the east side from Swan Lake Drive to Mill Creek Drive and then to Cale Elementary School; and on the west side from Stoney Creek Drive to Arden Drive. The US 250 West-Crozet project will consist of the construction of sidewalk and crosswalks from Cory Farms to the Cloverlawn commercial area and Blue Ridge Shopping Center.

### Status:

Public Hearing date to be determined pending VDOT approval of waterline relocation on Avon Street Extended. Coordinating waterline relocation plan revisions for submittal to VDOT and ACSA. Revised plans must be reviewed/approved prior to VDOT giving authorization to proceed with the Public Hearing. Plan to request VDOT split the projects into 3 projects after the public hearing to maintain the flexibility of the current program agreement.

### Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	03/30/15	03/30/15	0
Public Hearing	05/30/15	09/30/16	489
RW (60%) Design Complete	11/30/15	03/01/17	457
Right-of-Way / Easements Complete	06/30/16	10/01/17	458
Utility Relocation Complete	06/30/16	11/01/17	489
Bid Opening Date	03/01/17	04/21/18	416
Notice to Proceed	04/01/17	06/07/18	432
Substantial Completion	08/01/17	02/07/19	555



**Rio Road**



**Avon Street**



**Route 250 West – Crozet**

## Project Budget:

	Baseline [January 2015]	Current Estimate At Completion	Variance
<b>Funding</b>			
Appropriated to Date	\$ 3,539,272	\$ 3,588,010	\$ (48,738)
* Future Appropriations	\$ 133,644	\$ 84,906	\$ 48,738
Additional Source	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 3,672,916</b>	<b>\$ 3,672,916</b>	<b>\$ -</b>
<b>Use of Funds</b>			
Soft Costs	\$ 1,206,417	\$ 1,176,047	\$ 30,369
Hard Costs	\$ 2,032,069	\$ 2,078,869	\$ (46,800)
Contingency	\$ 434,431	\$ 418,000	\$ 16,431
<b>Total</b>	<b>\$ 3,672,916</b>	<b>\$ 3,672,916</b>	<b>\$ -</b>
<b>Balance = Funding - Costs</b>	<b>\$ -</b>	<b>\$ -</b>	
Encumbered:		\$ 269,523	
Paid to Date:		\$ 264,762	

*\*Future Project Management services.*

### A/E Contract (Timmons Group)

Original Agreement	\$386,800
Approved Changes	\$ 14,300
Pending Changes	\$
<b>TOTAL</b>	<b>\$401,100</b>

### Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
<b>TOTAL</b>	<b>\$</b>

### A/E Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
1 – Additional topographic survey	\$14,300

### Construction Change Orders:

<u>No. &amp; Brief Description</u>	<u>Amount</u>
------------------------------------	---------------

# RIO ROAD, AVON STREET, ROUTE 250W-CROZET SIDEWALKS PROJECT BUDGET TRACKER

	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Scope and Changes	Project Budget Information Source
Appropriated Budget	Jun-15	\$ 1,072,773		\$ 2,466,499	\$ 3,539,272		Support pedestrian safety by providing the following sidewalk/crosswalk improvements: a) Rio Road – sidewalk improvement will connect the Stonehenge residential neighborhood to the John Warner Parkway and Rio Road sidewalk system. b) Avon Street – construction of sidewalk on the east side from Swan Lake Dr. to Mill Creek Dr. and then to Cale Elementary School; and on the east side from Stoney Creek Dr. to Arden Dr. c) US Route 250 West-Crozet – construction of sidewalk, crosswalks and street lighting from Cory Farms to the Cloverlawn commercial area and Blue Ridge Shopping Center.	Appropriation 2015-042 Appropriation 2015-099
Project Management Services	Jun-15		\$ 133,644		\$ 3,672,916	\$ 133,644	Estimated OFD Project Management Services cost to manage project	Current and Future ISF Appropriations



**Change Orders Requiring County Executive Office Approval  
January 2016 - June 2016**

Project	Vendor	Contract Type	Amount	CO No.	Scope	Date Approved by CE Office	Reason: >25% or >\$50K
Regional Firearms Training Center	Jamerson-Lewis Construction	Construction	\$64,228.08	3	Provide electronic firearms training simulator. Used for role-playing and simulated live-fire firearms training.	01/22/16	>\$50k
Crozet Avenue North Sidewalk	Kimley-Horn & Associates	Design	\$5,454.73	3	Revise bid documents, readvertise, rebid, and revise construction phase services.	04/22/16	>25%
State Farm Boulevard and South Pantops Drive Sidewalk	Kimley-Horn & Associates	Design	\$610.38	5	Revise bid documents, issue addenda and revise construction phase services.	04/22/16	>25%