



Facilities & Environmental Services Project Management Division

Capital Projects Status Report 3rd Quarter CY 2016

November 2, 2016

The Project Management Division (PMD) of the Facilities & Environmental Services Department is pleased to present the third 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 energetically supporting multiple County projects! Substantial Completion was achieved on the Crozet Avenue North Sidewalk project, two parks maintenance projects, two local government maintenance projects, and seven school maintenance projects. Notable projects currently under construction include: South Pantops Drive/State Farm Boulevard Sidewalk; Red Hill Elementary School Modernization & Security Addition; Jack Jouett Middle School Security Improvements; and the Preddy Creek Park Bridge.

The following sections provide a summary on all projects and more detailed information of select Capital Projects. Project budget trackers continue to be included for the select projects that are reported on individually in the quarterly report.

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 – 3rd Quarter, CY 2016

CAPITAL PROJECTS

In Construction Phase	Scope	Status	Project Budget	Key Milestone
Red Hill Elementary School Modernization & Security Addition	Design and construction of a single story addition and modernization improvements.	▪ Phased project: ○ Phase 1 – Class POD 1A, 1B, 1C; Octagonal POD; stage; main corridor: substantially complete on 8/9/16. ○ Phase 1A – security addition: work in progress; exterior metal panels delay completion until November. ○ Phase 2 – Class POD 2A, 2B, 2C and 2D: work in progress; substantial completion on target for 10/14/16. ○ Phase 3 – Class POD 3A and 3B: renovation work scheduled to start 10/24/16. ○ Phase 4 – Existing administration area: renovation work scheduled to start 12/1/16.	\$2,542,107 (construction)	▪ Phased Substantial Completion - Phase 1 – Aug 2016 - Phase 1A – Nov 2016 - Phase 2 – Oct 2016 - Phase 3 – Nov 2016 - Phase 4 – Dec 2016
Jack Jouett Middle School Security Improvements	Design and construction of a single story addition and minor renovations.	▪ Completed demolition of existing canopy and walks, hazardous materials abatement, footers, c.m.u. walls, and concrete slab-on-grade. Placement of steel joists and metal decking underway.	\$651,848 (construction)	▪ Substantial Completion February 2017



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
Crozet Avenue North, South Pantops Drive and State Farm Boulevard Sidewalk Improvements	VDOT Revenue Sharing project to support pedestrian safety by providing the following sidewalk improvements: 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. 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. c) South Pantops Drive – approx. 600 LF of sidewalk construction, including concrete curb and sidewalk, storm piping, and drop inlets.	▪ Crozet Avenue North sidewalk was substantially complete on 8/23/16 and final completion was achieved on 9/28/16. ▪ Work on the State Farm/South Pantops phase began on 10/15/16.	\$1,894,642	▪ Substantial Completion - Crozet – August 2016 - State Farm/South Pantops – December 2016



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
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.	- Received Department of Conservation and Recreation grant administrator approval to award contract on 8/18/16. - Notice to Proceed issued 10/4/16; work to commence late November.	\$215,678	Substantial Completion February 2017
In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
Hydraulic Road and Barracks Road Sidewalk Improvements	VDOT Revenue Sharing project to support pedestrian safety by providing the following sidewalk improvements: 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. b) Barracks Road - 1) construct approx. 1000 feet of sidewalk on the north side from Barracks West apartments to existing sidewalk west of Georgetown Rd intersection; 2) construction of crosswalk and a segment of sidewalk (225 ft total) on the south side between Georgetown Road intersection & Westminster Road.	- An Executive Summary will be presented to the Board on 11/9/16 for a proposed extension to the ACSA jurisdictional area for water & sewer for a total of 5 parcels along Barracks Road. - Right-of-way negotiations are on-going: Hydraulic: 13 of 14 property owners have signed documents (1 parcel awaiting Trustee signature); Turtle Creek HOA Board supports to grant sidewalk easement pending resolution of landscaping impacts. Barracks: 4 of 8 owners have signed documents (1 parcel awaiting Trustee signature); anticipate the remaining 4 parcel owners will sign documents prior to the Jurisdictional Area revision public hearing.	\$2,025,743	Issue IFB 1st Quarter 2017



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In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
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.	- Seeking Executive approval of a change order to increase consultant's contract more than 25% in order to provide services from Public Hearing through Construction (City limits to Stillfried Lane). - Reviewing and coordinating address of VDOT Public Hearing plan comments. - Advertise public hearing once VDOT approves Public Hearing plans.	\$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.	- Addressing comments received from VDOT on "No Plans" project drawings. - Anticipate posting "Willingness to Hold a Public Hearing" and sending notices to adjacent owners by late October. - Intend to use County's On-Call Paving contractor for the work.	\$278,980	Notice to Proceed – December 2016



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In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
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.	- Public Hearing held on 10/10/16. Public comment period ends on 10/20/16. Public Hearing transcript will be compiled and sent to VDOT. - Right-of-Way Plans to be prepared and submitted to VDOT for review along with request for authorization to proceed with right-of-way acquisitions. - To maintain the flexibility of the current program agreement, PMD will wait until the Right-of-Way phase to make a decision on whether to split the project into 3 projects.	\$3,672,916	VDOT Authorization to Proceed with Right-of Way Acquisitions – 1st Quarter 2017
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.	- Bid documents being prepared in-house. - Construction documents are 98% complete – conducting final utility coordination. - Will obtain a proposal from County's On Call Paving contractor.	\$214,125	Issue IFB 4th Quarter 2016



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In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
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.	▪ Invitation for Bid (IFB) to be issued week of 10/17/16. ▪ Bids due 11/10/16. ▪ Anticipate issuing Notice to Proceed by the first of December (5 month construction).	\$944,697	▪ Substantial Completion – 2nd Quarter 2017
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.	▪ Design revised for floor elevation because additional engineer analysis resulted in reverting back to initial floor elevation. ▪ Final site plan submitted in September based on revised design. ▪ Issue Invitation for Bid (IFB) in October 2016; bids due in November; issue Notice to Proceed by mid-December (12 month construction).	\$3,415,143	▪ Substantial Completion – 4th Quarter 2017
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.	▪ Negotiations are underway with the top ranked A/E firm to provide design services.	\$2,776,582	▪ Finalize A/E contract and start design 4th Quarter 2016



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MAINTENANCE PROJECTS

Substantially Complete	Scope	Status	Project Budget	Key Milestone
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.	- Substantial Completion achieved on 10/5/16; currently working on final punch list. 22 large canopy trees to be purchased – installation by volunteers.	\$432,136	Substantially Complete October 2016
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.	Substantial Completion achieved on 9/23/16; Final Completion targeted for 10/23/16.	\$ 238,077	Substantially Complete September 2016
Department of Social Services (DSS) Office Renovations	Interior renovations to provide five (5) new private offices for DSS at the 5 th Street County Office Building.	Substantial Completion achieved on 7/15/16; Final Completion achieved on 8/15/16.	\$102,822	Substantially Complete July 2016
Scottsville Library ADA Improvements	ADA improvements to the bathrooms and main entry that will include framing, drywall, electrical, mechanical, plumbing, and finishes work.	Substantial Completion achieved on 8/31/16; Final Completion achieved on 9/13/16.	\$130,981	Substantially Complete August 2016
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.	Substantial Completion achieved on 8/19/16; Final Completion targeted for 10/18/16.	\$927,000 (construction)	Substantially Complete August 2016



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Substantially Complete	Scope	Status	Project Budget	Key Milestone
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.	Substantial Completion achieved on 8/12/16; Final Completion achieved on 8/30/16.	\$168,826 (construction)	Substantially Complete August 2016
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.	Substantial Completion achieved on 9/1/16; Final Completion achieved on 9/6/16.	\$340,283 (construction)	Substantially Complete September 2016
Albemarle High School Metal Wall Panels Replacement	Limited replacement of existing exterior metal wall panels on the 1972 addition.	Substantial Completion achieved on 8/19/16; Final Completion achieved on 10/14/16.	\$111,682 (construction)	Substantial Complete August 2016
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.	Substantial Completion achieved on 8/22/16; Final Completion achieved on 10/14/16.	\$150,456 (construction)	Substantially Complete August 2016
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.	- Substantial Completion achieved on 8/29/16; Final Completion targeted for 10/31/16. - Temporary Certificate of Occupancy issued; work in progress to obtain permanent certificate of occupancy	\$92,610	Substantially Complete August 2016



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
Totter 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.	Masonry block filling and drywall ceilings complete; toilet partitions installed; concrete floor polishing complete; doors and windows installed; plumbing fixture installation complete. Replacement of rotted wood trim and exterior painting to be complete by end of October.	\$64,259	Substantial Completion October 2016
Greer Elementary School Interior Renovations	Miscellaneous interior renovations at the Greer Elementary School stage area and adjacent rooms.	- Phase 1 of work complete. - Major structural deficiency found in exterior wall section. Structural Engineer determined that entire CMU/brick wall must be demolished and rebuilt. - Executive approval received for change order required for structural deficiency and work starting week of 10/10/16.	\$409,382 (construction)	Substantial Completion December 2016
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.	- Agnor-Hurt: Substantial Completion achieved on 8/18/16; Final Completion targeted for 10/21/16. - VMF: Work in progress; approximately 50% complete.	\$906,190 (construction)	Substantial Completion Agnor Hurt – Aug 2016 VMF – Oct 2016



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
Center For Learning and Growth at Ivy Creek School	Renovations and alterations to Ivy Creek School for the Center for Learning and Growth program to be relocated at this facility. Work consists of demolition of existing conditions and replacement with new interior partitions, finishes and mechanical/electrical systems	▪ Notice to Proceed issued and work commenced on 9/14/16. ▪ Majority of demolition work complete and 75% of framing installed.	\$215,000 (construction)	▪ Substantial Completion December 2016
In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
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.	▪ Project is currently on hold pending Parks & Recreation confirming that the City of Charlottesville has funds available for their share of the cost.	\$87,555	▪ Verify City Funding – 4th Quarter 2016
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 th Street County Office Building. Master plan and cost estimate will be done to prioritize renovations prior to construction documents.	▪ Master plan completed. ▪ Finalized scope for bid documents completed. ▪ Issue Invitation for Bid (IFB) in October 2016.	\$258,477	▪ Planned Completion 2nd Quarter 2017

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. Construction will take place in phases. The phasing and status of each phase is as follows:

- Phase 1 – Class POD 1A, 1B, 1C; Octagonal POD; stage; main corridor: substantially complete on 8/9/16; contractor working on final punch list.
- Phase 1A – security addition: work in progress; exterior metal panels delay completion until November.
- Phase 2 – Class POD 2A, 2B, 2C and 2D: work in progress; substantial completion on target for 10/14/16.
- Phase 3 – Class POD 3A and 3B: renovation work scheduled to start 10/24/16.
- Phase 4 – Existing administration area: renovation work scheduled to start 12/1/16.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Bid Opening Date	04/14/16	04/19/16	5
Notice to Proceed	05/19/16	05/17/16	-2
Phase 1A (Addition) Start	06/15/16	06/15/16	0
Demo Canopy		06/09/16	
Phase 1A - Substantial Completion	10/28/16	11/30/16	33
Phase 1 - Renovation Start	06/15/16	06/15/16	0
Start interior demolition		06/01/16	
Phase 1 - Substantial Completion	08/09/16	08/09/16	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	12/01/16	24
Phase 4 - Substantial Completion	11/30/16	12/30/16	30



Project Budget:

	Baseline [May 2016]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 2,531,691	\$ 2,542,107	\$ (10,416)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 2,531,691	\$ 2,542,107	\$ (10,416)
Use of Funds			
Soft Costs	\$ 27,091	\$ 42,534	\$ (15,443)
Hard Costs	\$ 2,321,600	\$ 2,463,024	\$ (141,424)
Contingency	\$ 183,000	\$ 36,549	\$ 146,451
Total	\$ 2,531,691	\$ 2,542,107	\$ (10,416)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 444,155	
Paid to Date:		\$ 1,887,972	

Construction Contract (Mathers Construction)

Bid Award	\$2,293,600
Approved Changes	\$
Pending Changes	\$ 100,149
TOTAL	\$2,393,749

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
PENDING – various changes due to unforeseen site conditions, items not shown or specified, substitutions, or owner requested.	\$100,149

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 Management Services	Jun-16	\$ -	\$ 10,416	\$ -	\$ 2,542,107	\$ 37,507	FY16 Year End Project Management Services reconciliation	FY16 Appropriation

Project: Jack Jouett Middle School Security Improvements

Description:

This projects consists of building a single story addition and selected minor renovations at the Jouett Middle 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 to the contractor on July 18, 2016, and work commenced on August 8, 2016. Completed demolition of existing canopy and walks, hazardous materials abatement, footers, concrete masonry unit (c.m.u.) walls, and concrete slab-on-grade. Placement of steel joists and metal decking are underway. There was a schedule delay due to the hazardous materials discovered at the start of construction which had to be abated.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Bid Opening Date	06/08/16	06/08/16	0
Notice to Proceed	06/15/16	07/15/16	30
Substantial Completion	11/30/16	02/01/17	63
Final Completion	12/30/16	03/01/17	61



Project Budget:

	Baseline [July 2016]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 651,848	\$ 651,848	\$ -
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 651,848	\$ 651,848	\$ -
Use of Funds			
Soft Costs	\$ 35,235	\$ 36,529	\$ (1,294)
Hard Costs	\$ 587,250	\$ 595,778	\$ (8,528)
Contingency	\$ 29,363	\$ 19,540	\$ 9,823
Total	\$ 651,848	\$ 651,848	\$ -
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 415,134	
Paid to Date:		\$ 183,315	

Construction Contract (Mathers Construction)

Bid Award \$587,250

Approved Changes \$

Pending Changes \$

TOTAL \$587,250

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
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JACK JOUETT MIDDLE SCHOOL SECURITY 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)	Jul-16	\$ -	\$ 35,235	\$ 616,613	\$ 651,848		Single story addition and selected minor renovations. Funding for this project is from the School Security Improvements account.	FY17 Adopted CIP

Project: Rescue 8 Station Renovations

Description:

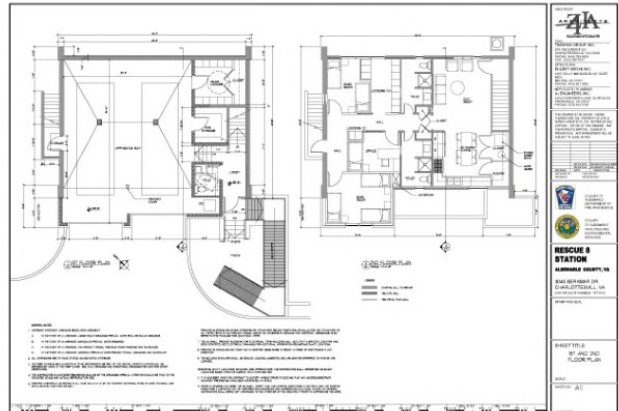
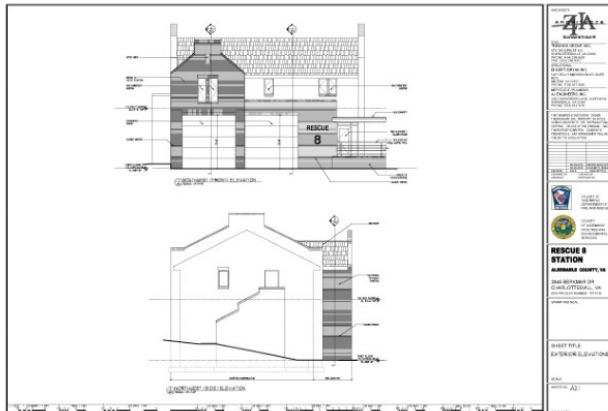
This project consists of planning, design, and construction of renovations to the existing station which includes renovation of approximately 2,730 square feet of the existing rescue squad building, an addition of approximately 300 square feet to enlarge the bay for current apparatus, and restoration/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

Status:

The last update reported that the design development cost estimate had been received and was approximately \$200,000 over budget. Staff and the architect have reviewed the estimate and identified costs to be reduced to bring the project within budget. The bid documents have been prepared and an Invitation for Bid (IFB) will be posted the week of October 17, 2016, with bids due on November 10th. Anticipate issuing a Notice to Proceed by December 1st (approximately 5 months construction).

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	12/01/15	04/01/16	122
Design Complete	01/13/16	08/24/16	224
Bid Opening Date	02/20/16	11/10/16	264
Notice to Proceed	03/10/16	12/01/16	266
Substantial Completion	01/04/17	04/30/17	116



Project Budget:

	Baseline [July 2015]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 894,697	\$ 933,975	\$ (39,278)
* Future Appropriations		\$ 10,722	\$ (10,722)
Additional Source	\$ -	\$ -	\$ -
Total	\$ 894,697	\$ 944,697	\$ (50,000)
Use of Funds			
Soft Costs	\$ 154,557	\$ 164,896	\$ (10,339)
Hard Costs	\$ 654,925	\$ 680,000	\$ (25,075)
Contingency	\$ 85,215	\$ 99,801	\$ (14,586)
Total	\$ 894,697	\$ 944,697	\$ (50,000)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 37,101	
Paid to Date:		\$ 86,290	

* Future Project Management services (maintains baseline in FY16 adopted CIP)

A/E Contract (ZHA Architects)

Original Agreement \$113,774

Approved Changes \$

Pending Changes \$

TOTAL \$113,774

Construction Contract

Bid Award \$

Approved Changes \$

Pending Changes \$

TOTAL \$

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
Additional Appropriation	Jul-16			\$ 50,000	\$ 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:

The Board was provided an update on the project at their September 7, 2016 meeting. The design was revised for the floor elevation because additional engineer analysis resulted in reverting back to the initial floor elevation. A final site plan was submitted in September based on the revised design (reverting back to original floor elevation). Bid documents are being prepared. Current schedule is to post the Invitation for Bid in October, receive bids in November, and issue a Notice to Proceed by mid-December (approximately 12 months construction).

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	03/06/16	04/02/16	27
Design Complete / Post Bid	06/02/16	10/31/16	151
Bid Opening Date	08/03/16	11/22/16	111
Notice to Proceed	08/22/16	12/13/16	113
Substantial Completion	09/02/17	12/30/17	119



Project Budget:

	Baseline [July 2015]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 2,938,661	\$ 3,374,278	\$ (435,617)
* Future Appropriations	\$ -	\$ 40,865	\$ (40,865)
Additional Source	\$ -	\$ -	\$ -
Total	\$ 2,938,661	\$ 3,415,143	\$ (476,482)
Use of Funds			
Soft Costs	\$ 327,611	\$ 428,821	\$ (101,210)
Hard Costs	\$ 2,410,200	\$ 2,786,786	\$ (376,586)
Contingency	\$ 200,850	\$ 199,536	\$ 1,314
Total	\$ 2,938,661	\$ 3,415,143	\$ (476,482)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 28,339	
Paid to Date:		\$ 202,068	

* Future Project Management services

A/E Contract (DJG, Inc.)

Original Agreement	\$220,223
Approved Changes	\$
Pending Changes	\$ 90,990
TOTAL	\$311,213

Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
TOTAL	\$

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
PENDING – Bid and construction phase services; additional design due to finished floor elevation issue	\$90,990

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
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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
Additional Appropriation (FY18 CIP request)	Jul-16	\$ 83,490	\$ -	\$ 392,992	\$ 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: 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:

The Crozet Avenue North sidewalk phase of the project was substantially complete on August 23, 2016, and final completion was achieved on September 28, 2016. Work on the State Farm Boulevard/South Pantops Drive sidewalk phase of the project began on October 15, 2016.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
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	08/23/16	1043
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
Funding			
Appropriated to Date	\$ 1,894,642	\$ 1,888,853	\$ 5,789
* Future Appropriations	\$ -	\$ 5,789	\$ (5,789)
Additional Source	\$ -	\$ -	\$ -
Total	\$ 1,894,642	\$ 1,894,642	\$ -
Use of Funds			
Soft Costs	\$ 623,223	\$ 652,523	\$ (29,300)
Hard Costs	\$ 1,155,419	\$ 1,172,277	\$ (16,858)
Contingency	\$ 116,000	\$ 69,843	\$ 46,157
Total	\$ 1,894,642	\$ 1,894,642	\$ -
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 529,243	
Paid to Date:		\$ 1,239,643	

**Future Project Management Services (maintains baseline)*

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

Combined Agreements \$255,716

(includes COs thru Aug 2015)

Approved Changes \$ 13,746

Pending Changes \$

TOTAL \$269,462

Construction Contract (Linco, Inc.)

Bid Award \$1,099,400

Approved Changes \$ 29,264

Pending Changes \$ 11,000

TOTAL \$1,139,664

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
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3 & 5 – Revise bid docs, issue addenda, CPS revisions	\$6,065
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4 – Waterline design revisions; additional progress meetings	\$7,681
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Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
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1 – Crozet: Permanent improvements to stabilize road, waterline relocation, and subgrade stabilization for bedding of stormwater pipe	\$29,264
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Pending – Crozet: 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)	Oct-16	\$ 463,453	\$ 189,070	\$ 1,242,119	\$ 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-FY17	\$ 178,730	Project Management Services - appropriations (current & future) (In FY10, prior to ISF, \$10,340 was paid from project accounts)
		\$ 1,894,641	

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:

An Executive Summary will be presented to the Board on November 9, 2016, for a proposed extension to the ACSA jurisdictional area for water and sewer for a total of 5 parcels along Barracks Road.

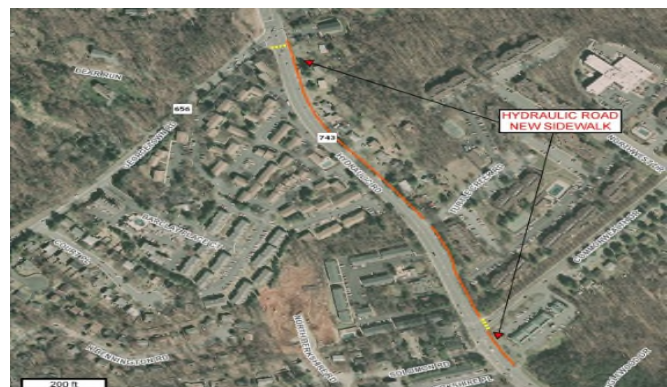
Right-of-way negotiations are on-going. Hydraulic: 13 of 14 property owners have signed documents (1 parcel awaiting Trustee signature); Turtle Creek HOA Board supports to grant sidewalk easement pending resolution of landscaping impacts. Barracks: 4 of 8 owners have signed documents (1 parcel awaiting Trustee signature); anticipate the remaining 4 parcel owners will sign documents prior to the Jurisdictional Area revision public hearing.

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	686
Advertise Date	05/01/15	03/15/17	684
Bid Opening	06/01/15	04/15/17	684
Notice to Proceed	07/01/15	05/15/17	684
Substantial Completion	12/01/15	02/06/18	798



BARRACKS RD - AREAS 1 & 2



HYDRAULIC ROAD

Project Budget:

	Baseline [January 2014]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 1,588,600	\$ 2,025,743	\$ (437,143)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 1,588,600	\$ 2,025,743	\$ (437,143)
Use of Funds			
Soft Costs	\$ 617,600	\$ 908,368	\$ (290,768)
Hard Costs	\$ 873,900	\$ 1,073,916	\$ (200,016)
Contingency	\$ 97,100	\$ 43,460	\$ 53,640
Total	\$ 1,588,600	\$ 2,025,743	\$ (437,143)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 49,538	
Paid to Date:		\$ 648,010	

A/E Contract (Kimley-Horn)

Original Agreement	\$323,256
Approved Changes	\$ 42,017
Pending Changes	\$
TOTAL	\$365,273

Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
TOTAL	\$

A/E Change Orders:

<u>No. & 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. & Brief Description</u>	<u>Amount</u>
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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
Scope Reduction Only	Jun-16						Board approved scope reduction on 6/1/16, to eliminate the section of sidewalk on Barracks Road identified as Area 3. Scope to be removed consists of approx. 350 l.f. 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	No Budget Change
Project Management Services Adjustment	Jul-15	\$ -	\$ 20,098	\$ -	\$ 2,008,698	\$ 420,098	OFD Project Management Services - FY15 reconciliation and FY16 appropriation.	Appropriation
Project Management Services Adjustment	Jul-16	\$ -	\$ 17,045	\$ -	\$ 2,025,743	\$ 437,143	OFD Project Management Services - FY16 reconciliation and FY17 appropriation.	Appropriation
Current Estimate at Completion	Oct-16	\$ 813,624	\$ 94,743	\$ 1,117,376	\$ 2,025,743	\$ 437,143	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-FY17	\$ 94,743	Project Management Services	
TOTAL	\$ 2,025,743		

Project: Ivy Road Sidewalk Improvements

Description:

This Virginia Department of Transportation (VDOT) Revenue Sharing project supports 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. The project 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.

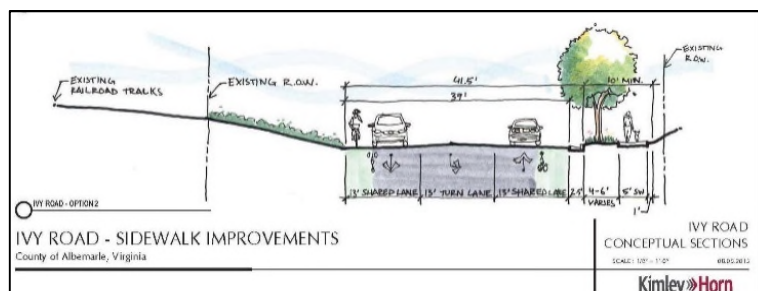
Status:

Currently seeking Executive approval of a change order to increase consultant's project order (contract) more than 25% in order to provide services from Public Hearing through Construction (City limits to Stillfried Lane). The current project order covered services through the Public Hearing Design Plans. As a reminder, at their January 6, 2016 meeting, the Board directed staff to proceed with the design of the project from the City of Charlottesville limits to Stillfried Lane and to phase the construction to maximize the amount of sidewalk that may be built within the budget.

Reviewing and coordinating address of VDOT Public Hearing plan comments. Plan to advertise public hearing once VDOT approves Public Hearing plans.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	09/01/15	09/01/15	0
Public Hearing	11/01/15	11/15/16	380
Design Complete	05/01/17	01/08/18	252
Right-of-Way / Easements Complete	01/30/17	11/30/17	304
Utility Relocation Complete	04/30/17	11/30/17	214
Bid Opening Date	08/01/17	04/24/18	266
Notice to Proceed	11/01/17	06/18/18	229
Substantial Completion	09/01/18	11/15/18	75



Project Budget:

	Baseline [January 2015]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 1,200,000	\$ 1,243,871	\$ (43,871)
* Future Appropriations	\$ 145,623	\$ 101,752	\$ 43,871
Additional Source	\$ -	\$ -	\$ -
Total	\$ 1,345,623	\$ 1,345,623	\$ -
Use of Funds			
Soft Costs	\$ 535,623	\$ 682,149	\$ (146,526)
Hard Costs	\$ 720,000	\$ 600,000	\$ 120,000
Contingency	\$ 90,000	\$ 63,474	\$ 26,526
Total	\$ 1,345,623	\$ 1,345,623	\$ -
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 4,335	
Paid to Date:		\$ 142,490	

**Future Project Management services.*

A/E Contract (Kimley-Horn & Associates)

Original Agreement	\$133,956
Approved Changes	\$
Pending Changes	\$202,570
TOTAL	\$336,526

Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
TOTAL	\$

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
Pending – Services from Public Hearing through Construction	\$202,570

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
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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. Currently addressing comments received from VDOT on “No Plans” project drawings. Anticipate posting "Willingness to Hold a Public Hearing" and sending notices to adjacent owners by late October. Intend to use County's On-Call Paving contractor for the work.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Design Complete / Submit for VDOT Comment	11/30/14	07/01/16	579
Post willingness (twice)	1/17 & 1/24/16	10/19 & 10/26/16	213
Comment period ends	02/01/16	11/03/16	213
Notice to Proceed	04/30/15	11/10/16	560
Substantial Completion	06/30/15	12/23/16	542
Final Completion	07/30/15	01/23/17	543



Project Budget:

	Baseline [August 2014]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 250,000	\$ 268,600	\$ (18,600)
* Future Appropriations	\$ 28,980	\$ 10,380	\$ 18,600
Additional Source	\$ -	\$ -	\$ -
Total	\$ 278,980	\$ 278,980	\$ -
Use of Funds			
Soft Costs	\$ 48,980	\$ 48,980	\$ -
Hard Costs	\$ 207,000	\$ 207,000	\$ -
Contingency	\$ 23,000	\$ 23,000	\$ -
Total	\$ 278,980	\$ 278,980	\$ -
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ -	
Paid to Date:		\$ 9,328	

**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:

The Public Hearing was held on October 10, 2016. The public comment period ends on October 20, 2016. The Public Hearing transcript will be compiled and sent to VDOT. The Right-of-Way Plans are being prepared and will be submitted to VDOT for review along with a request for authorization to proceed with right-of-way acquisitions once the public hearing phase is complete. To maintain the flexibility of the current program agreement, PMD will wait until the Right-of-Way Phase to make a decision on whether to request VDOT split the project into 3 projects.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	03/30/15	03/30/15	0
Public Hearing	05/30/15	10/10/16	499
RW (60%) Design Complete	11/30/15	02/02/17	430
Right-of-Way / Easements Complete	06/30/16	10/30/17	487
Utility Relocation Complete	06/30/16	12/15/17	533
Bid Opening Date	03/01/17	04/25/18	420
Notice to Proceed	04/01/17	06/08/18	433
Substantial Completion	08/01/17	11/19/18	475



Rio Road



Avon Street



Route 250 West – Crozet

Project Budget:

	Baseline [January 2015]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 3,539,272	\$ 3,666,009	\$ (126,737)
Future Appropriations	\$ 133,644	\$ 6,907	\$ 126,737
Additional Source	\$ -	\$ -	\$ -
Total	\$ 3,672,916	\$ 3,672,916	\$ -
Use of Funds			
Soft Costs	\$ 1,206,417	\$ 1,177,181	\$ 29,235
Hard Costs	\$ 2,032,069	\$ 2,078,869	\$ (46,800)
Contingency	\$ 434,431	\$ 416,866	\$ 17,565
Total	\$ 3,672,916	\$ 3,672,916	\$ -
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 265,687	
Paid to Date:		\$ 282,655	

**Future Project Management services.*

A/E Contract (Timmons Group)

Original Agreement	\$386,800
Approved Changes	\$ 14,300
Pending Changes	\$
TOTAL	\$401,100

Construction Contract

Bid Award	\$
Approved Changes	\$
Pending Changes	\$
TOTAL	\$

A/E Change Orders:

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

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
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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

Project: Hollymead/Powell Creek Drive Sidewalk Improvements

Description:

This projects consists of providing 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.

Status:

The bid documents are being prepared in-house. The construction documents are 98% complete; conducting a final utility coordination. Will obtain a proposal from the County's On Call Paving contractor.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	08/24/13	04/15/14	234
Design Complete	09/06/13	10/15/16	1135
Notice to Proceed	11/08/13	11/01/16	1089
Substantial Completion	12/30/13	12/30/16	1096
Final Completion	1/30/2014	1/30/2017	1096



Project Budget:

	Baseline [July 2015]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 209,164	\$ 214,125	\$ (4,961)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 209,164	\$ 214,125	\$ (4,961)
Use of Funds			
Soft Costs	\$ 44,664	\$ 50,426	\$ (5,761)
Hard Costs	\$ 150,000	\$ 150,000	\$ -
Contingency	\$ 14,500	\$ 13,699	\$ 800
Total	\$ 209,164	\$ 214,125	\$ (4,961)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ -	
Paid to Date:		\$ 24,833	

HOLLYMEAD/POWELL CREEK DRIVE 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	Sep-10	\$ 30,000	\$ -	\$ 164,500	\$ 194,500		Sidewalk and pedestrian crossing improvements at 3 locations to complete pedestrian links to Hollymead Elementary and Sutherland Middle Schools	Appropriation 2011-038
Project Management Services	Jul-16	\$ -	\$ 19,626	\$ -	\$ 214,125	\$ 19,626	Estimated OFD Project Management Services cost to manage project	Current and Future ISF Appropriations

Project: Preddy Creek Park Bridge

Description:

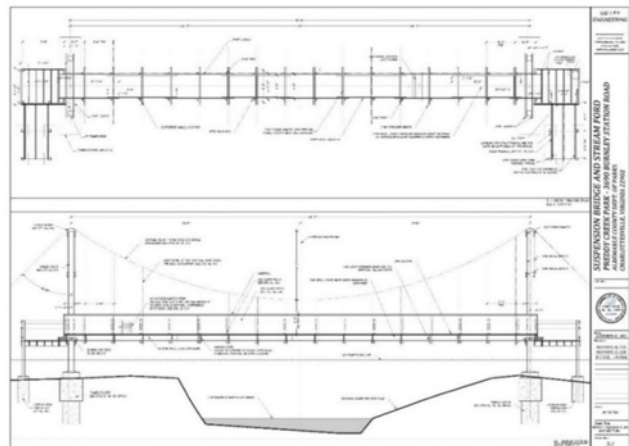
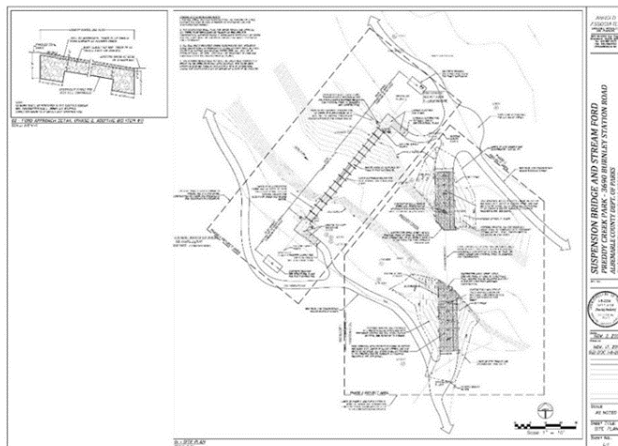
This project consists of providing both pedestrian/hiker/biker and equestrian access across Preddy Creek to the recently acquired Preddy Creek Park expansion lands. Pedestrian access across the creek will be accomplished via a cable-supported suspension bridge that is approximately 80-ft long and 4-ft wide. A new ford will be constructed to allow equestrian and emergency vehicle access across the creek.

Status:

This project is partially funded with a reimbursable grant from the Virginia Department of Conservation and Recreation. Received approval from the Department of Conservation and Recreation grant administrator approval to award the construction contract on August 18, 2016. The contract was awarded and a Notice to Proceed was issued on October 4, 2016. A pre-construction meeting was held at the site on October 13, 2016. Work scheduled to commence late November.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Surveying Complete	03/31/15	03/31/15	0
Schematic Design Complete	04/15/15	04/15/15	0
Flood Plain Analysis Complete	05/15/15	10/09/15	147
Bridge Design Complete	06/15/15	11/01/15	139
Permitting Complete	08/01/15	11/15/15	106
Advertise for Construction Bids	08/15/15	01/08/16	146
Bids Due	09/01/15	02/25/16	177
Award Const. Contract	09/10/15	08/25/16	350
Substantial Completion	12/15/15	02/13/17	426



Project Budget:

	Baseline [July 2015]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 126,023	\$ 215,678	\$ (89,655)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 126,023	\$ 215,678	\$ (89,655)
Use of Funds			
Soft Costs	\$ 39,773	\$ 47,702	\$ (7,929)
Hard Costs	\$ 86,000	\$ 161,562	\$ (75,562)
Contingency	\$ 250	\$ 6,414	\$ (6,164)
Total	\$ 126,023	\$ 215,678	\$ (89,655)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 166,045	
Paid to Date:		\$ 36,692	

A/E Contract (Anhold Associates)

Original Agreement	\$32,973
Approved Changes	\$
Pending Changes	\$
TOTAL	\$32,973

Construction Contract (Branat Construction)

Bid Award	\$161,500
Approved Changes	\$
Pending Changes	\$
TOTAL	\$161,500

PREDDY CREEK PARK BRIDGE 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 Budget provided by Parks & Recreation	Feb-15	\$ 32,973	\$ -	\$ 86,250	\$ 119,223		Construction of a wire cable and wood suspension bridge, and crushed stone stream ford. Fund is from various line items in the Parks & Recreation CIP budget.	Appropriation (Funding sources provided by Parks & Recreation)
Additional Appropriation	Apr-16	\$ -	\$ -	\$ 85,250	\$ 204,473	\$ 85,250	Bids received were over the project's estimated budget - additional appropriation requested and approved in order to move forward with the project.	Appropriation 2016-074
Project Management Services	Jul-16	\$ -	\$ 11,205	\$ -	\$ 215,678	\$ 96,455	Estimated OFD Project Management Services cost to manage project	Current and Future ISF Appropriations

**Change Orders Requiring County Executive Office Approval
January 2016 - September 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%
Crozet Avenue North Sidewalk	Kimley-Horn & Associates	Design	\$7,680.78	4	Re-design for waterline relocation and additional progress meetings.	08/22/16	>25%
Greer Elementary School Interior Renovations	Woodland Construction	Construction	\$119,530.80	1	Structural repairs associated with structural deficiencies in existing exterior walls which were identified during the interior renovations.	09/02/16	>25%