



Facilities & Environmental Services Project Management Division

Capital Projects Status Report 4th Quarter CY 2016

February 1, 2017

The Project Management Division (PMD) of the Facilities & Environmental Services Department is pleased to present the fourth 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 dedicated PMD Team worked on thirty-three (33) active County projects in the 4th quarter of 2016. Substantial Completion was achieved on the Darden Towe Park Tennis Courts project, the Scottsville Library Renovations and the Red Hill E.S. Modernization project while project close-out took place on another twelve (12) school projects.

Notable projects currently under construction include: South Pantops Drive/State Farm Boulevard Sidewalk; Jack Jouett Middle School Security Improvements; and the Preddy Creek Park Bridge.

Notable projects that are in the design and / or bidding stage: Pantops Station 16, Rescue 8 Addition and Renovations, Hydraulic / Barracks Road Sidewalk project, Hollymead Dam and the Woodbrook Elementary School Additions and Renovations.

The FES Director and PMD Chief have been working with an architectural firm on studies related to the Courts, and assisting Rivanna Water and Sewer Authority with the design of the Ivy Material Utilization Center.

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 – 4th Quarter, CY 2016***

CAPITAL PROJECTS

In Construction Phase	Scope	Status	Project Budget	Key Milestone
Jack Jouett Middle School Security Improvements	Design and construction of a single story addition and minor renovations.	<ul style="list-style-type: none"> Completed window panels, doors, electrical and mechanical rough-in. Brickwork, door hardware, painting, and ceiling panels in progress. 	\$651,848 (construction)	<ul style="list-style-type: none"> Substantial Completion early February 2017
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> <p>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.</p> <p>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.</p> <p>c) South Pantops Drive – approx. 600 LF of sidewalk construction, including concrete curb and sidewalk, storm piping, and drop inlets.</p>	<ul style="list-style-type: none"> Crozet Avenue North sidewalk achieved final completion on 9/28/16. Kimley-Horn rejected the original paving done at South Pantops. Repaving is complete and has now been accepted. <i>Substantial completion for original contract work achieved on 1/19/17.</i> Change Order executed for design services to include pedestrian accommodations for the crossing of US250 at the intersection with State Farm Boulevard. Quotes for the work, expected once VDOT approves submitted plans. 	\$1,894,642	<p>Substantial Completion (Original Contract)</p> <ul style="list-style-type: none"> State Farm/South Pantops – January 2017 <p>Substantial Completion (Crosswalk)</p> <ul style="list-style-type: none"> 2nd Quarter 2017
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"> Notice to Proceed issued 10/4/16; work commenced late November. Change Order for unanticipated unsuitable subgrade currently being negotiated. 	\$215,678	<ul style="list-style-type: none"> Substantial Completion April 2017



**Facilities & Environmental Services
Project Management Division**
Capital Projects Status Report – 4th Quarter, CY 2016

In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
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 & Westminster Road.</p>	<ul style="list-style-type: none"> ▪ ACSA Jurisdictional Area revised for 5 Barracks Road parcels. ▪ 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: 6 of 8 owners have signed documents; continuing negotiations with remaining owners. <p><i>*Update as of 1/19/17: All owners on Barracks Road have signed acquisition agreements.</i></p>	\$2,025,743	<ul style="list-style-type: none"> ▪ Issue IFB 1st Quarter 2017 (Provided required Right-of-Way signatures be obtained.)



***Facilities & Environmental Services
Project Management Division
Capital Projects Status Report – 4th Quarter, CY 2016***

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.	<ul style="list-style-type: none"> 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) approved on 12/1/16. Kimley-Horn currently addressing the VDOT Public Hearing Plan comments and necessary design waiver application. Kimley-Horn currently working with VDOT Traffic division on the pedestrian crossing configuration and signal modifications. Advertise public hearing once VDOT approves Public Hearing plans. 	\$1,345,623	<ul style="list-style-type: none"> Public Hearing March 2017
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"> Addressing comments received from VDOT on "No Plans" project drawings. Submitted application for VDHR review on 12/13/16 to ensure our due diligence in complying with the environmental requirements. Intend to use County's On-Call Paving contractor for the work. 	\$278,980	<ul style="list-style-type: none"> Notice to Proceed – March 2017



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

Capital Projects Status Report – 4th Quarter, CY 2016

In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
Rio Road – Avon Street – US Route 250 West-Crozet Sidewalk/Crosswalk Improvements	<p>VDOT Revenue Sharing project to support pedestrian safety by providing the following sidewalk/crosswalk improvements:</p> <ul style="list-style-type: none"> 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"> ▪ Public Hearing held on 10/10/16. ▪ BOS concurred on 12/14/16 with staff's request to include a mid-block pedestrian of US250W and transfer of a portion of the remaining Meadow Creek Parkway revenue sharing funds. ▪ Staff requested the Meadow Creek Parkway (MCP) transfer (\$200K) on 12/15/16. VDOT mailed revised Appx's A & B on 01/03/2017 for Co. Exec signature. ▪ Right of Way Plans and drainage calculations submitted to VDOT on 12/22/16 for review. ▪ 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	<ul style="list-style-type: none"> ▪ VDOT Authorization to Proceed with Right-of Way Acquisitions – 1st Quarter 2017



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

Capital Projects Status Report – 4th Quarter, CY 2016

In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
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"> Conducted a field review of Plans with VDOT on 11/29/16; plans approved. Submitted Plans to On-Call Paving Contractor for quote on 12/22/16. 	\$214,125	<ul style="list-style-type: none"> Issue NTP 1st Quarter 2017
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"> Bids received 11/14/16 and exceeded budget by \$50,493. Contractor provided estimates for value engineering options on 12/16/16 and Project Manager is currently meeting with Fire Rescue on acceptable options. 	\$944,697	<ul style="list-style-type: none"> Substantial Completion – 3rd Quarter 2017
Pantops Station 16	Design and construction of an approximately 9,880 SF facility with three apparatus bays and support facilities for 13 personnel, including office, training, equipment, and bunk space.	<ul style="list-style-type: none"> Bids received 12/1/16 and exceeded budget by \$335,000. Currently reviewing value engineering options and locating additional funding to move forward. Funding Appropriation to go to BOS on 2/1/17. 	\$3,415,143	<ul style="list-style-type: none"> Substantial Completion – 2nd Quarter 2018
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"> Negotiations are underway with the top ranked A/E firm to provide design services. 	\$2,776,582	<ul style="list-style-type: none"> Finalize A/E contract and start design 1st Quarter 2017.



***Facilities & Environmental Services
Project Management Division***
Capital Projects Status Report – 4th Quarter, CY 2016

MAINTENANCE PROJECTS

Substantially Complete	Scope	Status	Project Budget	Key Milestone
Red Hill Elementary School Modernization & Security Addition	Design and construction of a single story addition and modernization improvements.	<ul style="list-style-type: none"> ▪ Phased project: <ul style="list-style-type: none"> ○ Phase 1 - substantially complete on 8/9/16. ○ Phase 1A – substantially complete on 11/30/16. ○ Phase 2 –substantially complete on 10/14/16. ○ Phase 3 –substantially complete on 11/30/16. ○ Phase 4 – substantially complete on 12/22/16. 	\$2,542,107 (construction)	<ul style="list-style-type: none"> ▪ Substantially Complete 12/22/2016 on all phases of work. ▪ School Staff moved into space in early January.
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"> ▪ Substantial Completion achieved on 10/5/16. ▪ 22 large canopy trees planted on 10/22/16. 	\$432,136	<ul style="list-style-type: none"> ▪ Substantially Complete October 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.	<ul style="list-style-type: none"> ▪ Substantial Completion achieved on 8/29/16; ▪ Final Completion achieved on 10/31/16. 	\$92,610	<ul style="list-style-type: none"> ▪ Substantially Complete August 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.	<ul style="list-style-type: none"> ▪ Agnor-Hurt: Substantial Completion achieved on 8/18/16 ▪ VMF: Substantial Completion achieved on 11/11/16. 	\$906,190 (construction)	<ul style="list-style-type: none"> ▪ Substantial Completion Agnor Hurt – Aug 2016 ▪ VMF – November 2016



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

Capital Projects Status Report – 4th Quarter, CY 2016

Substantially Complete	Scope	Status	Project Budget	Key Milestone
Center For Learning and Growth at Ivy Creek School	Renovations and alterations to Ivy Creek School for relocation of the Center for Learning and Growth to this facility. Work consists of demolition of existing conditions and replacement with new interior partitions, finishes and mechanical/electrical systems	<ul style="list-style-type: none"> Substantially complete on 12/23/16. School staff started move in on 1/3/17. 	\$215,000 (construction)	<ul style="list-style-type: none"> Substantial Completion December 2016
In Construction Phase	Scope	Status	Project Budget	Key Milestone
Greer Elementary School Interior Renovations	Miscellaneous interior renovations at the Greer Elementary School stage area and adjacent rooms.	<ul style="list-style-type: none"> Contractor installed new structural steel stud wall. Contractor completed interior of space as originally contracted. Contractor completed all structural upgrades & repairs that were discovered during the summer. 	\$430,752 (construction)	<ul style="list-style-type: none"> Substantial Completion achieved early January 2017.
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.	<ul style="list-style-type: none"> Project was on hold pending Parks & Recreation confirmation that the City of Charlottesville has funds available for their share of the cost. Update Note: this confirmation was received on 1/20/17. 	\$87,555	<ul style="list-style-type: none"> City Funding be provided. Project to resume 1st quarter of CY17



***Facilities & Environmental Services
Project Management Division
Capital Projects Status Report – 4th Quarter, CY 2016***

In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
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.	<ul style="list-style-type: none"> ▪ Bids received on 11/29/16 and exceeded budget by \$21,200. ▪ Low bidder attempted to withdraw bid, but did not meet the purchasing requirements for withdrawal. ▪ Low bidder withdrew request to withdraw bid on 12/22/16. ▪ Chief of Public Works Division was able to allocate additional funding for this maintenance project from the Local Government Maintenance account. ▪ Contract to low bidder on 1/19/17. 	\$258,477	<ul style="list-style-type: none"> ▪ Planned Completion 3rd Quarter 2017 ▪ Complete execution of contract by early February
AHS Metal Panels and Windows Replacement Phase II	Maintenance Replacement of: <ul style="list-style-type: none"> a) Existing exterior metal wall panels on the Fine Arts Wing; b) Existing windows on the Fine Art, Foreign Language and Cafeteria wings. 	<ul style="list-style-type: none"> ▪ A/E Project Order executed on 12/8/16. ▪ Bid documents posted on 1/3/17. ▪ Bids due on 1/26/17. 	\$181,837	<ul style="list-style-type: none"> ▪ Planned Completion 3rd Quarter 2017
Finance Payment Kiosk	Provide and Install a Payment Kiosk at existing location of Finance drive up teller window.	<ul style="list-style-type: none"> ▪ Design approved by the Charlottesville Entrance Corridor Review Board (ERB). ▪ RFQ for the kiosk posted 11/3/16. ▪ Quotes received on 11/15/16 and contract awarded late December 2016. 	\$54,124	<ul style="list-style-type: none"> ▪ Planned Completion 2nd Quarter 2017
COB McIntire AHU 3 & 4 Replacement	Remove and replace air-handling units 3 & 4 and install VAV boxes with associated controls wiring to improve efficiency and system reliability.	<ul style="list-style-type: none"> ▪ A/E services selected via a term contract with the County December 2016. ▪ Due to schedule constraints and equipment lead time, PMD to purchase HVAC equipment directly. 	\$315,540	<ul style="list-style-type: none"> ▪ Planned Completion 2nd Quarter 2017



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

Capital Projects Status Report – 4th Quarter, CY 2016

In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
COB 5 th Street Switchgear	Removal and replacement of the old switchgear, three of the five main breakers to the building as well as the associated "ice cube" relays. Bring system into compliance with the National Electrical Code. Dramatically improve system reliability while retrofitting state of the art components in the existing cabinets.	<ul style="list-style-type: none">▪ Site visit and inspection completed with Public Works Maintenance Staff.▪ Anticipate bidding 1st Quarter 2017.	\$558,600	<ul style="list-style-type: none">▪ Planned Completion 3rd Quarter 2017
Greenwood Meadows Restroom Remodel	Paint, remove and replace flooring, partition walls, fixtures, accessories and associated electrical.	<ul style="list-style-type: none">▪ Quote received for carpentry and framing. Currently seeking quotes for minor plumbing and electrical work.	\$50,000	<ul style="list-style-type: none">▪ Planned Completion 1st 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 took 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;
- Phase 1A – security addition: substantially complete on 12/8/16;
- Phase 2 – Class POD 2A, 2B, 2C and 2D: substantially complete on 10/14/16;
- Phase 3 – Class POD 3A and 3B: substantially complete on 12/8/16;
- Phase 4 – Existing administration area: substantially complete on 12/20/16.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
IFB Posted		03/24/16	
Bid Opening Date	04/14/16	04/19/16	5
Notice of Intent to Award		04/20/16	
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 - Sub Complete interior- Move in 12/9	10/28/16	12/08/16	41
Phase 1A exterior		?	
Phase 1 - Reno Start	06/15/16	06/15/16	0
start interior demo		06/01/16	
Phase 1 - Sub Complete	08/09/16	08/10/16	1
Phase 2 - Reno Start	08/22/16	08/22/16	0
Phase 2 - Sub Complete Move-in 10/15	10/14/16	10/14	
Phase 3 - Reno Start	10/24/16	10/24/16	0
Phase 3 - Sub Completion Move in-12/20	11/30/16	12/8/2016	
Phase 4- Ex Admin Area	11/07/16	12/12/16	35
Phase 4- Ex Admin Sub Complete (33 days by contract, CO 1)	11/30/16	12/20/16	20



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	\$ 41,734	\$ (14,643)
Hard Costs	\$ 2,321,600	\$ 2,458,295	\$ (136,695)
Contingency	\$ 183,000	\$ 42,078	\$ 140,922
Total	\$ 2,531,691	\$ 2,542,107	\$ (10,416)
Balance = Funding - Costs	\$ -	\$ -	\$ -
Encumbered:		\$ 165,730	
Paid to Date:		\$ 2,249,381	

Construction Contract (Mathers Construction)

Bid Award	\$ 2,293,600
Approved Changes	\$ 36,676
Pending Changes	\$ 35,339
TOTAL	\$ 2,365,615

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1: Changes to classroom locks, walls and doors in administrative space; Add rating materials; new painting in various spaces; Fur out walls after ACM removal.	\$36,676
(Pending): Repair existing water line for HVAC; add power for data requirements; annunciator panel at fire alarm; modify ceiling design at sky lights	\$35,339

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 project 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. There was a schedule delay due to the hazardous materials discovered at the start of construction that had to be abated. This work was completed on August 14, 2016. The window panels, doors, electrical and maintenance rough-in has been completed. Brickwork, door hardware, painting, and ceiling panels are underway. Substantial Completion is anticipated for February 1, 2017.

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	\$ 38,029	\$ (2,794)
Hard Costs	\$ 587,250	\$ 581,905	\$ 5,345
Contingency	\$ 29,363	\$ 29,363	\$ -
Total	\$ 651,848	\$ 649,297	\$ 2,551
Balance = Funding - Costs	\$ (1)	\$ 2,550	\$ (2,551)
Encumbered:		\$ 178,929	
Paid to Date:		\$ 430,947	

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>
1 – Schedule Extension due to bid date being changed for multiple addendums.	\$0

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:

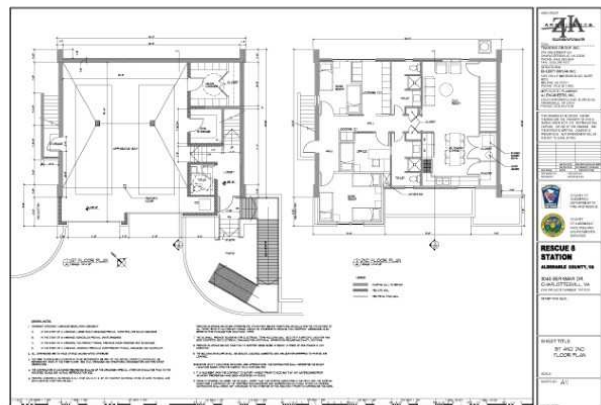
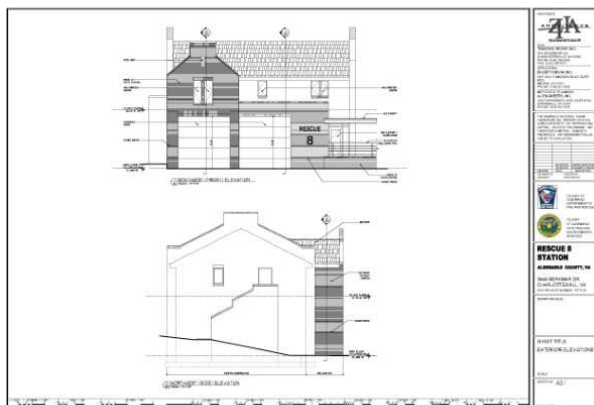
This projects consists of planning, design, and construction of renovations to the existing station which includes renovation of approximately 2,730 square feet of the existing rescue squad building, an addition of approximately 300 square feet to enlarge the bay for current apparatus, and restoration/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

Status:

Bids were received on November 14, 2016 and exceeded budget by \$50,493. Potential cost savings and value engineering options have been discussed with staff, architect, and contractor. These options will be submitted to the contractor for a revised quote. The plans did not originally include a sprinkler system, but the project manager has now confirmed with the Deputy Building Official that a system is required. An estimate for this change is currently being reviewed. Construction for this project will take approximately five months. There is a distinct possibility that this project will be re-bid.

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	11/14/16	268
Notice to Proceed	03/10/16	04/01/17	387
Substantial Completion	05/27/16	08/31/17	461



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	\$ 159,896	\$ (5,339)
Hard Costs	\$ 654,925	\$ 765,418	\$ (110,493)
Contingency	\$ 85,215	\$ 19,383	\$ 65,832
Total	\$ 894,697	\$ 944,697	\$ (50,000)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 24,434	
Paid to Date:		\$ 104,883	

**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	\$

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	\$ 784,801	\$ 924,358		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	\$ 974,358	\$ 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:

Bids were received on December 1, 2016 and exceeded budget by \$335,000. Project Manager is currently working with the Architect and Contractor on value engineering items. Kenbridge Construction Company Inc. is the current low bidder on the project. The value engineering options identified do not change the operation or the layout of the facility. Additional sources of funding have been identified, in addition to value engineering options, and these will go to the Board for approval on February 1, 2017. The additional sources of funding include proffers for \$63,650 and remaining balances of \$298,638 identified through project close out procedures.

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	12/01/16	120
Notice to Proceed	08/22/16	TBD	
Substantial Completion	09/02/17	Spring 2018	



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	\$ 474,546	\$ (146,935)
Hard Costs	\$ 2,410,200	\$ 3,417,174	\$ (1,006,974)
Contingency	\$ 200,850	\$ (476,577)**	\$ 677,427
Total	\$ 2,938,661	\$ 3,415,143	\$ (476,482)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 5,748	
Paid to Date:		\$ 233,554	

* Future Project Management services

**This amount reflects amount needed to move forward with project including appropriate amount of contingency.

A/E Contract (DJG, Inc.)

Original Agreement	\$ 220,223
Approved Changes	\$
Pending Changes	\$ 95,359
TOTAL	\$ 315,582

Construction Contract

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

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
PENDING – Bid and	\$95,359

construction phase services;
additional design due to
finished floor elevation issue

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 achieved final completion on September 28, 2016. Work on the State Farm Boulevard/South Pantops Drive sidewalk phase of the project began on October 15, 2016. The work was completed on State Farm Boulevard/South Pantops Drive. Kimley-Horn and Associates rejected the paving due to not matching the specifications provided. The repaving has been completed and approved. This phase of the project's substantial completion is anticipated the week of January 16, 2017. *Update Note: Substantial Completion for original contract work was achieved on 1/19/17.*

A design change order was executed on December 5, 2016 for the design services provided to include the pedestrian accommodations for the crossing of US250 (Richmond Road) at the intersection with State Farm Boulevard. These plans are currently with VDOT for approval. Once VDOT approves, Linco, Inc. will supply a quote for the work. Approval expected to be received in February 2017. Work to be performed in April 2017.

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 Comp Crozet Ave	10/15/13	08/23/16	1043
Substantial Comp State Farm	10/15/13	01/19/17	1192

Crozet Avenue North



South Pantops Drive



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	\$ -	\$ -	\$ -
<i>Total</i>	\$ 1,894,642	\$ 1,894,642	\$ (0)
Use of Funds			
Soft Costs	\$ 623,223	\$ 691,441	\$ (68,218)
Hard Costs	\$ 1,155,419	\$ 1,200,832	\$ (45,413)
Contingency	\$ 116,000	\$ 2,368	\$ 113,632
<i>Total</i>	\$ 1,894,642	\$ 1,894,642	\$ (0)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 357,527	
Paid to Date:		\$ 1,455,089	

**Future Project Management Services (maintains baseline)*

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

Combined Agreements	\$ 255,716
(includes COs thru Aug 2015)	
Approved Changes	\$ 27,983
Pending Changes	\$
TOTAL	\$ 283,699

Construction Contract (Linco, Inc.)

Bid Award	\$ 1,099,400
Approved Changes	\$ 29,264
Pending Changes	\$ 5,195
TOTAL	\$ 1,133,859

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
3 & 5 – Revise bid docs, issue addenda, CPS revisions	\$6,065
4 – Waterline design revisions; additional progress meetings	\$7,681
6 – Design pedestrian accommodations for the crossing of US250 at the intersection of State Farm Boulevard.	\$14,237

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Crozet: Permanent improvements to stabilize road, waterline relocation, and subgrade stabilization for bedding of stormwater pipe	\$29,264
Pending – Crozet: add temporary walkway for students; install Owner furnished conduits and boxes for fiber. Waiting on corrected forms from Linco.	\$5,195

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 was presented to the Board and approved on January 4, 2017 for a proposed extension to the ACSA jurisdictional area for water and sewer for five parcels along Barracks Road.

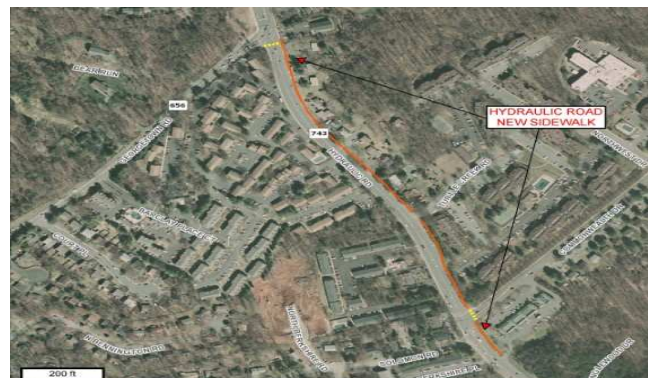
Right-of-way negotiations are ongoing. Hydraulic: 13 of 14 property owners have signed documents (1 parcel awaiting Trustee signature); Turtle Creek HOA Board supports to grant sidewalk easement pending resolution of landscaping impacts. Barracks: 6 of 8 owners have signed documents (1 parcel awaiting Trustee signature). Negotiations with final two owners ongoing. ***Update Note: Final two property owners on Barracks Road signed acquisition agreements on 1/19/17.***

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	03/01/17	700
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 [May 2013]	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	\$ 794,119	\$ (176,519)
Hard Costs	\$ 873,900	\$ 1,183,049	\$ (309,149)
Contingency	\$ 97,100	\$ 48,576	\$ 48,524
Total	\$ 1,588,600	\$ 2,025,743	\$ (437,143)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 27,837	
Paid to Date:		\$ 712,850	

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.

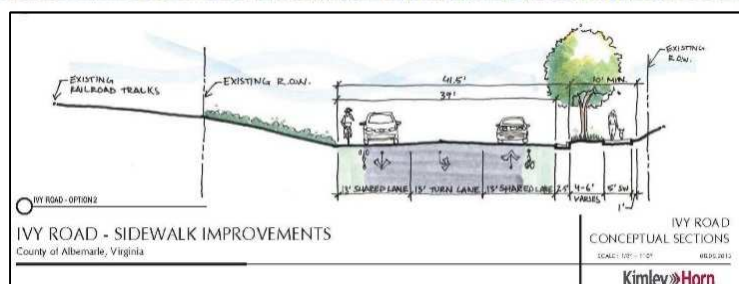
Status:

Received 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, coordinating, and responding to VDOT Public Hearing plan comments. Kimley-Horn is currently working with VDOT Traffic Division on the pedestrian crossing configuration and the signal modifications plan at the Ivy Road/Old Ivy Road/S. Anne's School exit intersection. Planning is in progress to conduct a Public Hearing in March 2017.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	09/01/15	09/01/15	0
Public Hearing	11/01/15	03/13/17	498
Design Complete	05/01/17	07/24/18	449
Right-of-Way / Easements Complete	01/30/17	06/24/18	510
Utility Relocation Complete	04/30/17	06/24/18	420
Bid Opening Date	08/01/17	10/08/18	433
Notice to Proceed	11/01/17	10/31/18	364
Substantial Completion	09/01/18	03/24/19	204



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	\$ 699,149	\$ (163,526)
Hard Costs	\$ 720,000	\$ 600,000	\$ 120,000
Contingency	\$ 90,000	\$ 46,474	\$ 43,526
Total	\$ 1,345,623	\$ 1,345,623	\$ -
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 206,905	
Paid to Date:		\$ 146,309	

A/E Contract (Kimley-Horn & Associates)

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

Construction Contract

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

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1 – 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:

Currently addressing comments received from VDOT on “No Plans” project drawings. Mail project notices to adjacent owners by the end of January 2017 and request comments to satisfy the public involvement requirement. Will be obtaining a Project Order from the County’s On-Call Paving Contract, S.L. Williamson by the end of February 2017.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Design Complete / Submit for VDOT Comment	11/30/14	07/01/16	579
Mail Project Notices to Adjacent Owners	01/17/16	01/30/17	213
Project Order Quote from On-call Paving Contract	02/01/16	02/28/17	213
VDOT Authorization to Award / Issue NTP	04/30/15	03/30/17	700
Substantial Completion	06/30/15	04/30/17	670
Final Completion	07/30/15	05/30/17	670



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	\$ (0)
Hard Costs	\$ 207,000	\$ 207,000	\$ -
Contingency	\$ 23,000	\$ 23,000	\$ 0
Total	\$ 278,980	\$ 278,980	\$ -
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ -	
Paid to Date:		\$ 9,920	

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 Right-of-Way Plans and drainage calculations submitted to VDOT for review on December 22, 2016. 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.

At the December 14, 2016 Board meeting, Board approved including a mid-block pedestrian crossing on US-250W between Radford Lane and Clover Lawn Lane and transfer of a portion of the remaining Meadow Creek Parkway revenue sharing funds to support construction. Once this funding is received from VDOT, an appropriation will be requested to move the money to this project's budget. The updated appendixes are being routed for signatures.

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	\$ 1,191,821	\$ 14,595
Hard Costs	\$ 2,032,069	\$ 2,078,869	\$ (46,800)
Contingency	\$ 434,431	\$ 402,226	\$ 32,205
Total	\$ 3,672,916	\$ 3,672,916	\$ -
Balance = Funding - Costs	\$ -	\$ -	\$ -
Encumbered:		\$ 245,034	
Paid to Date:		\$ 329,221	

A/E Contract (Timmons Group)

Original Agreement	\$ 386,800
Approved Changes	\$ 27,650
Pending Changes	\$
TOTAL	\$ 415,450

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
2 – Revisions to plans to add the Mid-block Pedestrian Crossing	\$13,350

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. A field review of the plans with VDOT done on December 22, 2016. Plans submitted to the County's On-Calling Paving Contractor, S.L. Williamson, Inc., on December 22, 2016 and requested a quote.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	08/24/13	04/15/14	234
Design Complete	09/06/13	11/08/16	1159
Quote/Project Order from On-call Paving Contract	10/21/13	01/18/17	1185
Notice to Proceed	11/08/13	02/01/17	1181
Substantial Completion	12/30/13	03/30/17	1186



Project Budget:

	Baseline July 2011	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	\$ 52,774	\$ (8,110)
Hard Costs	\$ 150,000	\$ 150,000	\$ -
Contingency	\$ 14,500	\$ 11,351	\$ 3,149
Total	\$ 209,164	\$ 214,125	\$ (4,961)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ -	
Paid to Date:		\$ 28,774	

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 projects 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 to award the construction contract on August 18, 2016. Construction started in early November. There is a pending change order being negotiated for unsuitable subgrade. The contract has a \$10,000 allowance for unsuitable soil.

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	04/12/17	484



Project Budget:

	Baseline [March 2015]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 120,714	\$ 215,678	\$ (94,964)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 120,714	\$ 215,678	\$ (94,964)
Use of Funds			
Soft Costs	\$ 39,773	\$ 51,309	\$ (11,536)
Hard Costs	\$ 86,000	\$ 161,771	\$ (75,771)
Contingency	\$ 250	\$ 2,598	\$ (2,348)
Total	\$ 126,023	\$ 215,678	\$ (89,655)
Balance = Funding - Costs	\$ (5,309)	\$ -	
Encumbered:		\$ 166,045	
Paid to Date:		\$ 43,560	

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	\$ 109
TOTAL	\$ 161,609

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
Pending – Unsuitable grade (\$10,000 allowance in contract, \$109 is the difference. Total of \$10,109.)	\$ 109

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 - December 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	64228.08	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	5454.73	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	7680.78	4	Re-design for waterline relocation and additional progress meetings.	08/22/16	>25%
Greer Elementary School Interior Renovations	Woodland Construction	Construction	117478.04	1	Structural repairs associated with structural deficiencies in existing exterior walls which were identified during the interior renovations.	09/02/16	>25%
Ivy Road Sidewalk	Kimley-Horn & Associates	Design	202570.15	1	Provide professional engineering services from the public hearing phase through the construction phase	11/02/16	>25%
Greer Elementary School Interior Renovations	Woodland Construction	Construction	43598.05	2	Structural repairs associated with structural deficiencies in existing exterior walls which were identified during the interior renovations.	11/02/16	>25%
Crozet Avenue North, State Farm Boulevard, South Pantops Drive	Kimley-Horn & Associates	Design	14236.63	6	Amend the scope of services to include the pedestrian accommodations for the crossing of US250 (Richmond Road) at the intersection with State Farm Boulevard.	11/21/16	>25%
AHS/WAHS Locker Replacement	General Contracting Solutions, Inc.	Construction	12779.55	2	Assorted Repairs (unforeseen conditions) and additional work (owner-requested and drawings discrepancies).	12/08/16	>25%