



Office of Facilities Development (OFD) Capital Projects Status Report 2nd Quarter CY 2015

August 5, 2015

The Office of Facilities Development (OFD) is pleased to provide the second quarter Capital Projects Status Report for calendar year 2015. This report provides summary level information on all projects managed by OFD, both Capital Projects and Capital Maintenance Projects.

The following provides a few highlights on notable projects. Substantial Completion was achieved on the Church Road Basin and Crozet Elementary School Safe Routes to School projects. A Notice to Proceed was issued to Jamerson-Lewis Construction for the Regional Firearms Training Center and to Artisan Construction for the Henley Middle School Auxiliary Gym Addition and construction is underway on both projects. The Crozet Avenue North Sidewalk and South Pantops Drive/State Farm Boulevard Sidewalk improvement projects are currently being advertised for construction bids. Several school summer maintenance projects are underway to ensure construction activities are complete prior to the August school opening.

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 reported individually in the quarterly report.

We hope you continue to find this report useful and informative as the OFD team is proud of the work it does for the County and its citizens.

“Helping to Build a Better Albemarle”



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CAPITAL PROJECTS

Substantially Complete	Scope	Status	Project Budget	Key Milestone
Church Road Basin Stormwater Management Facility Retrofit	Maintenance/enhancements to existing regional stormwater management facility including survey, design, and construction. Project will help County meet required pollutant reductions mandated for the Chesapeake Bay watershed.	- Substantial completion April 2015. - Final completion May 2015. - Warranty period.	\$426,919	Final Completion May 2015
Crozet Elementary School Safe Routes to School (SRTS) Sidewalk	Provide improved walking and bicycling routes to Crozet Elementary School for students from residential neighborhoods by constructing curb and sidewalk on the west side of Crozet Avenue from Ballard Drive to the school. The improvements also include installation of a manually activated crosswalk warning system at the pedestrian crossing to the school.	- Substantial completion June 2015. - Final completion July 2015. - Project close-out and warranty period.	\$393,000	Final Completion July 2015
In Construction Phase	Scope	Status	Project Budget	Key Milestone
Regional Firearms Training Center	Design and construction of a regional indoor firearms training facility, which includes a 50-yard qualification range and 50-yard tactical range, 16 shooting lanes (original scope 20-24 shooting lanes), classroom, office, bathrooms and storage areas (control platforms eliminated from original scope). The range will be located on property owned by UVA on Milton Road.	- Notice to Proceed issued and work started June 8. - Erosion control measures have been installed, site clearing completed, and the building pad completed. - Dominion Virginia Power has removed the overhead power line in footprint of building and completed the new single phase line. - Footings to be started the week of July 13.	\$6,000,000	Substantial Completion 2nd Quarter 2016



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
Agnor Hurt Elementary School Addition & Renovations	Construction of 11,200 s.f. addition consisting of seven (7) classrooms, one (1) full-sized SPED classroom, faculty workroom, offices and associated support spaces. Renovations of 3,500 s.f. consist of security improvements at front entrance, upgrades to media center, and addition of air conditioning to the kitchen. Replacement of existing chiller, exhaust fans, roof top units and boilers. Site improvements include additional parking and modifications to student drop-off areas.	- Construction Complete: Phase 1a (relocated playground) and 2 (new entrance, bus loop, cooling tower - structure & relocation, underground utilities relocation). - Phase 1b construction underway (rear classroom addition). - Phase 3 construction underway (site work for reconfigured parking and parent drop-off / pick-up area and new addition at the front of the building). - Phase 4 construction underway (interior renovations). - Extremely low contingency, currently negotiating COs with contractor; additional appropriation may be required. - Schedule is tight to complete project in time for school opening, contractor working 7 days/week and bringing in additional resources to complete work on time. OFD staff and Building Services staff monitoring daily.	\$5,968,285	Construction to be completed incrementally in successive Phases: Ph 1a – Aug 2014 Ph 1b – Jul 2015 Ph 2 – Jan 2015 Ph 3 – Jul 2015 Ph 4 – Aug 2015



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
Henley Middle School Auxiliary Gym Addition	Addition of ~7,800 s.f. will include an auxiliary gym, a physical education storage room, mechanical space, and a connection corridor. The 4,000+ s.f. multi-purpose space will have a turf floor where a variety of sports and games can be played. Site improvements include a courtyard, ADA improvements and a bio-filter in the bus loop area. New space will include a fitness area and provides a third teaching station for physical education as well as expanded opportunities for shared community use for after-hours events.	▪ NTP Proceed issued and work started May 2015. ▪ Site clearing and grading, concrete footings, and interior MEP rough-in completed. ▪ Planned work in July includes: ○ Complete CMU foundations and start CMU walls; ○ Start structural steel; ○ Start structural reinforcement in Room 44; and ○ Start underground utilities.	\$2,462,716	▪ Substantial Completion 1st Quarter 2016
School Security Improvements - 2015	Entrance improvements at Western Albemarle High School (WAHS) and Cale Elementary School. The scope at WAHS will be interior work only while Cale will involve a small addition at the front entrance of the building. The projects will be bid individually but are funded as one project.	▪ Notice to Proceed issued on both projects and work started June 2015. ▪ WAHS: Demolition complete, framing complete, and drywall started. ▪ Cale Elementary School: Addition footing preparation complete and concrete footings started; interior work on Principal's office underway.	\$610,994	▪ WAHS – Substantial Completion August 2015 ▪ Cale – Substantial Completion October 2015



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
Economic Development Office / Finance Renovations	Create an Economic Development Office, modify Finance Offices and renovate to accommodate displaced staff in HR and Finance. The project will be accomplished in two phases. Phase 1 will include renovations and furnishings for the new Economic Development Office and for displaced Human Resource Department staff. Phase 2 will include renovations for the Finance Department and Board of Elections Office.	- Phase 1 construction complete March 2015 (EDO office opened, HR staff moved into new Benefits Area, Customer Interaction Center operational). - Phase 2 Finance area renovations are currently underway. - Furniture for Finance Area ordered.	\$398,561 (includes \$8,861 in HR operating funds)	- Substantial Completion Phase 1 – March 2015 - Substantial Completion Phase 2 – 3rd Quarter 2015
Lewis & Clark Exploratory Center	Construction of an educational building (including transportation exhibits and river history), an access road and parking area, and a connecting trail network, all located at Darden Towe Park. Funded by a grant through the VDOT Transportation Enhancement Fund Program (\$800,000) combined with other funds raised by the Lewis & Clark Exploratory Center (LCEC).	- Final site work punch list 95% complete. - LCEC to address remaining final building punch list items needed for VDOT to authorize County to issue certificate of occupancy. - OFD will continue to stay in contact with LCEC and urge completion. - OFD to provide additional information requested by VDOT for final reimbursement (final reimbursement will not be issued until VDOT has signed-off on the completed project).	\$800,000 (Grant only)	Completion anticipated 3rd Quarter 2015



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In Bid/Award Phase	Scope	Status	Project Budget	Key Milestone
Crozet Avenue North Sidewalk	Replacing or constructing approximately 1100 feet of sidewalk and drainage improvements along the west side of Crozet Avenue from Saint George Avenue to Crozet Elementary School. This project and the South Pantops Drive/State Farm Boulevard Sidewalk Improvement Project are partially funded with Revenue Sharing funds and are assigned one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program.	▪ Project currently being advertised; bids due August 4. ▪ ACSA waterline comments being addressed. ▪ August 2015 appropriation request to (a) combine this project with South Pantops Dr/State Farm Boulevard Sidewalk to align with the VDOT Revenue Sharing Program award; and (b) appropriate to the combined project \$61,261.17 in Martha Jefferson Hospital (MJH) at Peter Jefferson Place proffer revenue to support the cost of an unanticipated waterline relocation, additional consultant costs related to easement acquisitions, and updated construction costs based on current market conditions.	\$815,878	▪ Substantial Completion 4th Quarter 2015



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In Bid/Award Phase	Scope	Status	Project Budget	Key Milestone
South Pantops Drive/State Farm Boulevard Sidewalk Improvements	Construction of 3500 feet of curb, gutter and sidewalk which will serve several residential, business, and commercial establishments. Partially funded with Revenue Sharing Funds. This project and the Crozet Avenue North Sidewalk Improvement Project are partially funded with Revenue Sharing funds and are assigned one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program.	- Project currently being advertised; bids due August 4. - August 2015 appropriation request to (a) combine this project with Crozet Avenue North Sidewalk to align with the VDOT Revenue Sharing Program award; and (b) appropriate to the combined project \$61,261.17 in Martha Jefferson Hospital (MJH) at Peter Jefferson Place proffer revenue to support the cost of an unanticipated waterline relocation, additional consultant costs related to easement acquisitions, and updated construction costs based on current market conditions.	\$1,020,669	Substantial Completion 2nd Quarter 2016
Western Albemarle High School Environmental Studies Center	Generally described as a wood-framed classroom and workroom building with an attached pre-engineered greenhouse. The Center will include 1,045 square feet for classroom work and storage, and the glass greenhouse will be 1,150 square feet.	- Bids received June 2015 and approximately \$300K over budget. - Design changes made (i.e. removing basement from design, etc.) and decision made to re-bid and procure in two contracts – greenhouse direct purchase and General Contractor (GC) package. - Advertising for greenhouse and GC packages in July 2015. - Additional funding will likely be required to start construction. Goal is to make request at the September BOS meeting if it's needed.	\$643,397	Award contracts August 2015



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In Bid/Award Phase	Scope	Status	Project Budget	Key Milestone
Carrsbrook Pipe Repair	The corrugated metal pipe (CMP) drainage pipes of the Carrsbrook Drive dam have corroded and a large eroded hole has formed on the downstream side of the dam as a result of the failing pipes. The pipes are located on two private properties and partially within the VDOT right-of-way of Carrsbrook Drive. The large eroded hole is located within private property and, if not repaired, could damage Carrsbrook Drive, and is a life safety concern.	▪ Board adopted resolution approving cost-sharing agreement with VDOT to replace the underground pipe and supporting the temporary closure of Carrsbrook Drive during construction. ▪ Agreement prepared by County Attorney July 2015 and forwarded to VDOT for review and signature. ▪ Tree removal and waterline investigation complete. ▪ Notice to neighbors going out weekly. ▪ Title work completed for two parcels; obtain signatures on plats/deeds and record. ▪ Goal of project is to complete prior to school starting but this is dependent on getting final easement from upstream property owner and VDOT final approval of agreement.	\$167,236	▪ Substantial Completion 3rd Quarter 2015



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In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
Hydraulic Road and Barracks Road Sidewalk Improvements	Supports pedestrian safety by making sidewalk improvements along Hydraulic Road and Barracks Road. These two projects are partially funded with Revenue Sharing funds and are assigned one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program. 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.	▪ Additional appropriation of \$400K in proffer revenue approved by Board. ▪ Addressing public hearing plan comments and finalizing right-of-way plans. ▪ Meeting with individual neighbors affected by project as needed/requested. ▪ Request VDOT authorization to proceed with right-of-way acquisition phase.	\$1,988,600	▪ Advertise 2nd Quarter 2016 ▪ Substantial Completion 4th Quarter 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	Provide sidewalk and crosswalk improvements along Rio Road, Avon Street, and US Route 250 West (Rockfish Trnpg) Crozet. These three projects are partially funded with Revenue Sharing funds and are assigned one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program. Rio Road sidewalk improvement - connect the Stonehenge residential neighborhood to the John Warner Parkway and Rio Road sidewalk system. Avon Street walkway/ crosswalks improvement - provide 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. US Route 250 West-Crozet project - construction of sidewalk, crosswalks and street lighting from Cory Farms to the Cloverlawn commercial area and Blue Ridge Shopping Center.	▪ Additional appropriation of \$2M+ in surplus Meadow Creek Parkway Revenue Sharing funds approved by Board. ▪ Surveys completed. ▪ Concept plans submitted for Rio Road and Avon Street, along with a draft plan for Rockfish Gap for review. Review comments to be forwarded to A/E. ▪ Rockfish Gap "Final" Pedestrian Safety Study to be submitted. ▪ Meeting with VDOT in late July to clarify design approaches at problem areas and identify VDOT waivers needed.	\$3,672,916	▪ Public Hearing 3rd Quarter 2015 ▪ 60% Design Complete 4th Quarter 2015 ▪ Complete Right-of-Way Acquisitions 4th Quarter 2016



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In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
Ivy Road Sidewalk Improvements	Construction of approximately 3000 feet of sidewalk along Ivy Road from the terminus of the existing sidewalk at the Charlottesville City limits 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 lanes, curb & gutter, storm drainage system improvements and consideration for possible street trees and pedestrian lighting. This project is partially funded with Revenue Sharing Funds	▪ Aerial/field survey completed May 2015. ▪ Conducted Conceptual Design 'charrette' meeting with City and UVA stakeholders on July 7. ▪ Refining 3 conceptual designs. ▪ Hold Stakeholder meeting to review refined concepts in August 2015.	\$1,345,632	▪ Public Hearing 4th Quarter 2015 ▪ Complete Right-of-Way Acquisitions 1st Quarter 2017 ▪ Complete Design 2nd Quarter 2017
Old Lynchburg Road Walkway Improvements	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. Partially funded with Revenue Sharing Funds.	▪ Base map drawing completed. ▪ Pending planned tasks: ○ Sketch desired locations of crosswalks; get local VDOT concurrence. ○ Prepare sketch plan, asphalt trail detail, and project manual; submit for VDOT review/ approval. ○ Post "Willingness to Hold a Public Hearing." ○ Obtain VDOT authorization to advertise.	\$278,980	▪ Bid 4th Quarter 2015 ~2 months construction (Spring 2016)



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In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
Fontaine Avenue Sidewalk	Construction of a short sidewalk (~160') from the end of the Fontaine Research Park paved path to the end of sidewalk at the City line. This project closes the walkway gap which may create safety issues if left unconnected.	- VDOT has reviewed and will issue permit for the extension of the asphalt curb/sidewalk used by the City on their portion of the sidewalk. - Topographic information necessitates a re-design. - Surveyor procured to take spot elevations at the edge of pavement to confirm a continuous downhill grade from the City sidewalk to Stribling Ave. - Construction is presently estimated to cost less than \$30,000 (provided a continuous downhill grade is confirmed).	\$102,189	Bid 3rd Quarter 2015 ~2 months construction
Hollymead-Powell Creek Drive Sidewalk	Completion of the sidewalk connection from Hollymead to Sutherland Schools. The required right-of-way has been donated.	- Staff will provide a minimal design plan sheet based on survey base map since proposed sidewalk is within existing right-of-way. - Provide a design that complies with the new stormwater / TMDL requirements.	\$209,164	Bid 3rd Quarter 2015 ~2 months construction
County Facilities Interim Modifications - Commonwealth Attorney	Provide for a modest expansion of the Commonwealth's Attorney's Office within the footprint of the existing Courts Annex building, and limited reconfiguration of select, existing rooms within the footprint of the current office. Also covers additional courts' requests for interim storage and sound system upgrades while the larger Courts Project is being designed for execution.	- Conduct meetings to review and approve design and complete construction documents in July 2015. - Anticipate commencing construction in September 2015.	\$169,627	Substantial Completion 4th Quarter 2015



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In Design/Planning Phase	Scope	Status	Project Budget	Key Milestone
Preddy Creek Park Bridge	Provide 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.	▪ Survey and flood plain modeling complete. ▪ Drawings submitted to Parks and Recreation for review and input. ▪ Complete design of suspension bridge and ford and submit plans to Community Development Department for review and approval.	\$126,023	▪ Substantial Completion 4th Quarter 2015



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MAINTENANCE PROJECTS

In Construction Phase	Scope	Status	Project Budget	Key Milestone
COB-McIntire AHU Replacement	Replace existing air handling units along with main duct cleaning. Humidity control to be included.	Notice to Proceed issued to contractor (L.A. Lacy) in March 2015 - work to commence September 2015.	\$700,217	Substantial Completion 4th Quarter 2015
Stormwater Multi-Facility Maintenance Projects	Includes maintenance (sediment removal/dredging) and upgrades to existing regional stormwater management facilities and channel (Four Seasons Lower Basin dredging, Four Seasons Upper channel improvements, and the Branchlands forebay sediment removal). Phase 1 scope is complete and included surveying and analysis of existing facilities to determine required improvements/enhancements. Phase 2 scope includes design and construction of recommended improvements/enhancements.	- Four Seasons Upper Pond Dredging and Four Seasons Channel Improvements are complete. - Construction work is underway on the Branchlands Forebay project and substantial completion is planned for July 2015.	\$384,399	- Four Seasons Upper Pond Dredging and Four Seasons Channel Improvements – Complete - Branchlands Forebay – Substantial Completion July 2015
Stony Point Elementary School Partial Roof Replacement	Remove and replace the existing 1990 & 1997 roofs. The two roof areas together total about 20,000 square feet. Scope will include roof tie-down anchors and as many as seven (7) tubular skylights. Bid additive items for small roofing jobs at Albemarle High School and Burley Middle School will be included.	- Notice to Proceed issued and work to commence July 20, 2015. - Start date delayed ~30 days due to issues with certificate of insurance provided by contractor.	\$363,500	Substantial Completion August 2015



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In Construction Phase	Scope	Status	Project Budget	Key Milestone
Walton Middle School Masonry Repairs	Repair structural and cosmetic cracks in areas of interior masonry at the Gym Mezzanine, the Cafeteria Mezzanine, and the corridor and in the administration suite of offices.	▪ Notice to Proceed issued and work started June 2015. ▪ Unforeseen wall condition repairs necessary; working with Building Services to identify additional maintenance funds.	\$46,050	▪ Substantial Completion August 2015
VMF Mobile Lifts	Purchase of 2-sets of mobile lifts for the Vehicle Maintenance Facility.	▪ Vendor selected for mobile lifts via cooperative procurement and purchase order issued July 2015.	\$95,000	▪ Delivery of Lifts – September 2015
Schools Fuel Tank Replacements	Replace the existing above-ground components of the fueling stations at Western Albemarle High School and Walton Middle School.	▪ Quotes solicited and purchase order issues to low bidder July 2015	\$18,400	▪ Planned Completion – Fall 2015
Monticello High School CTE Renovations	Building renovations to enlarge and modernize the Career and Technical Education area at Monticello High School.	▪ Notice to Proceed issued and work started July 2015.	\$150,000	▪ Substantial Completion August 2015

Project: Agnor-Hurt Elementary Additions & Renovations

Description:

Construction of an 11,200 sq. ft. addition consisting of seven (7) classrooms, one (1) full-sized SPED classroom, faculty workroom, offices and associated support spaces. Renovations of 3,500 sq. ft. consist of security improvements at front entrance, upgrades to media center, and addition of air conditioning to the kitchen. Replacement of existing chiller, exhaust fans, roof top units and boilers. Site improvements include additional parking and modifications to student drop-off areas.

Status:

Construction to be completed incrementally in four successive phases. Phase 1a and Phase 2 construction is complete (relocated playground, new entrance, bus loop, cooling tower - structure & relocation, underground utilities relocation). Phase 1b (rear classroom addition) and Phase 3 (site work for reconfigured parking and parent drop-off / pick-up area and new addition at the front of the building) construction is underway with substantial completion scheduled for July 2015. Phase 4 (interior modifications to selected areas, existing HVAC replacement and addition of air conditioning to kitchen) construction is underway with substantial completed scheduled for August 2015. Extremely low contingency continues with the major impact being the unforeseen condition of unsuitable soils at the start of site work.

Currently negotiating change orders with contractor with regards to work related to new utilities in the courtyard and casework scope. Project Budget below forecasts worst case scenario if negotiations are unsuccessful which would require an additional appropriation. The project timeline is tight with the contractor working 7 days/week and bringing on additional resources to make delivery prior to school opening. OFD and Building Services staff are monitoring progress daily.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Schematics Complete	11/14/13	11/14/13	0
Construction Docs Complete	03/31/14	04/02/14	2
Bid Opening Date	04/30/14	05/08/14	8
Notice to Proceed	06/05/14	06/18/14	13
Start Construction	06/16/14	06/19/14	3
Phase 1a - Start	06/16/14	06/19/14	3
Phase 1a - Finish	08/15/14	08/15/14	0
Phase 1b - Start	06/16/14	06/16/14	0
Phase 1b - Finish	08/01/15	07/31/15	-1
Phase 2 - Start	08/19/14	08/19/14	0
Phase 2 - Finish	12/19/14	01/23/15	35
Phase 3 - Start	12/20/14	01/24/15	35
Phase 3 - Finish	06/12/15	07/31/15	49
Phase 4 - Start	06/13/15	06/10/15	-3
Phase 4 - Finish	08/01/15	08/01/15	0
Substantial Completion	08/01/15	08/01/15	0
Final Completion	09/01/15	09/01/15	0



Project Budget:

	Baseline [January 2014]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 5,868,285	\$ 5,930,503	\$ (62,218)
Future Appropriations		\$ 37,782	\$ (37,782)
Additional Source	\$ -	\$ -	\$ -
Total	\$ 5,868,285	\$ 5,968,285	\$ (100,000)
Use of Funds			
Soft Costs	\$ 616,772	\$ 613,251	\$ 3,521
Hard Costs	\$ 4,913,694	\$ 5,430,810	\$ (517,116)
Contingency	\$ 337,819	\$ (75,776)	\$ 413,595
Total	\$ 5,868,285	\$ 5,968,285	\$ (100,000)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 863,364	
Paid to Date:		\$ 4,684,345	

Appropriation includes schools maintenance money for HVAC, paving. Future appropriation represents estimate of reallocation of project management services from maintenance account.

A/E Contract (SHW Group)

Original Agreement \$400,500
 Approved Changes \$ 8,525
 Pending Changes \$

TOTAL \$414,025

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Site plan revisions for relocated sheds and adjustments to grading to retain surplus soils on-site to create pad for future parking	\$8,525

Construction Contract (Haley Builders)

Bid Award \$4,947,000
 Approved Changes \$ 21,882
 Pending Changes \$ 207,000

TOTAL \$5,175,882

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Site and building foundation changes	\$21,882
Pending – Various site & building changes/revisions	\$207,000

AGNOR-HURT ELEMENTARY ADDITION/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 (project and HVAC maint funds)	Jan-14	\$ 450,500	\$ 166,272	\$ 5,251,513	\$ 5,868,285		Construction of 11,200 s.f. addition, renovations of 3,500 s.f., replacement of chiller, exhaust fans, roof top units and boilers, and site improvements including additional parking and modifications to student drop-off areas.	Approved CIP (School Project & Schools Maint)
Maintenance Allocation	Jul-14			\$ 100,000	\$ 5,968,285	\$ 100,000	Maintenance funds for paving allocated to project to fund construction contract	Approved CIP (Schools Maint)
Potential Additional Appropriation	Jul-15			\$ 75,226	\$ 6,043,511	\$ 175,226	Potential ~\$75,000 appropriation. Currently negotiating change orders with contractor with regards to disputes concerning work related to new utilities in the courtyard and casework scope. Worst case senario estimate.	Estimate

Project: Henley Middle School Auxiliary Gym Addition

Description:

An addition of ~7,800 square feet will include an auxiliary gym, a physical education storage room, mechanical space, and a connection corridor. The 4,000+ square foot multi-purpose space will have a turf floor where a variety of sports and games can be played. Site improvements include a courtyard, ADA improvements and a bio-filter in the bus loop area. The new space will include a fitness area and provides a third teaching station for physical education as well as expanded opportunities for shared community use for after- hours events.

Status:

Bids for the project were received in March 2015 and were over budget. An additional appropriation was approved by the Board in April 2015 in order to fully fund the construction contract. A Notice to Proceed was issued to Artisan Construction and work started in May 2015. Site clearing and grading, concrete footings, and interior MEP rough-in is complete. Work planned in July includes: complete CMU foundations and start CMU walls; start structural steel; start structural reinforcement in Room 44; and start underground utilities. Substantial completion is currently scheduled for the 1st quarter of 2016.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Design Complete	01/30/15	02/06/15	7
Bid Opening Date	03/03/15	03/03/15	0
Notice to Proceed	03/30/15	05/09/15	40
Excavation Complete	07/15/15	07/15/15	0
Structural Elements Complete	09/18/15	09/18/15	0
Building Dried-In	11/19/15	11/19/15	0
Finishes Complete	02/24/15	02/24/15	0
Site Work Complete			0
Substantial Completion	01/29/16	03/09/16	40



Project Budget:

	Baseline [April 2013]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 2,247,366	\$ 2,447,366	\$ (200,000)
Future Appropriations *	\$ 15,350	\$ 15,350	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 2,262,716	\$ 2,462,716	\$ (200,000)
Use of Funds			
Soft Costs	\$ 238,725	\$ 262,435	\$ (23,710)
Hard Costs	\$ 1,856,719	\$ 2,065,292	\$ (208,573)
Contingency	\$ 167,272	\$ 134,989	\$ 32,283
Total	\$ 2,262,716	\$ 2,462,716	\$ (200,000)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 1,837,585	
Paid to Date:		\$ 334,604	

* Future Project Management Fee per FY15 adopted CIP

A/E Contract (BCWH)

Original Agreement	\$171,000
Approved Changes	\$
Pending Changes	\$
TOTAL	\$171,000

Construction Contract (Artisan Construction)

Bid Award	\$1,981,293
Approved Changes	\$
Pending Changes	\$
TOTAL	\$1,981,293

A/E Change Orders:

No. & Brief Description **Amount**

Construction Change Orders:

No. & Brief Description **Amount**

HENLEY MIDDLE SCHOOL AUXILIARY GYM 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
Baseline Estimate	Jul-15	\$ 156,399	\$ 82,326	\$ 2,023,991	\$ 2,262,716		Addition of ~7,800 s.f. will include an auxiliary gym, a physical education storage room, mechanical space, and a connection corridor. The 4,000+ s.f. multi-purpose space will have a turf floor where a variety of sports and games can be played. Site improvements include a courtyard, ADA improvements and a bio-filter in the bus loop area. New space will include a fitness area and provides a third teaching station for physical education.	Approved CIP
Additional Appropriation	Apr-15			\$ 200,000	\$ 2,462,716	\$ 200,000	Bids received were over budget. Additional appropriation approved to fully fund construction contract.	Appropriation 2015-091

Project: Regional Firearms Training Center

Description:

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

Status:

Approvals were received from the Virginia Department of Historical Resources and Department of Treasury. A Notice to Proceed was issued to Jamerson-Lewis Construction and work commenced on June 8, 2015. Erosion control measures have been installed, site clearing completed, and the building pad completed. Dominion Virginia Power (DVP) has removed the overhead power line in footprint of building and completed the new single phase line installation. Footings are to be started the week of July 13. Work planned in August includes constructing the slab on grade and commence structural precast installation. The City and UVA were invoiced for their share of the capital costs in June 2015.

Project Schedule:

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



Project Budget:

	Baseline [January 2014]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 4,865,422	\$ 6,000,000	\$ (1,134,578)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 4,865,422	\$ 6,000,000	\$ (1,134,578)
Use of Funds			
Soft Costs	\$ 509,191	\$ 743,475	\$ (234,284)
Hard Costs	\$ 4,024,824	\$ 4,689,578	\$ (664,754)
Contingency	\$ 331,407	\$ 566,947	\$ (235,540)
Total	\$ 4,865,422	\$ 6,000,000	\$ (1,134,578)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 4,625,269	
Paid to Date:		\$ 517,836	

A/E Contract (Clark Nexsen)

Original Agreement \$514,137

Approved Changes \$ 74,693

Pending Changes \$

TOTAL \$588,830

Construction Contract (Jamerson-Lewis)

Bid Award \$4,482,200

Approved Changes \$

Pending Changes \$ 12,500

TOTAL \$4,494,700

A/E Change Orders:

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

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
Pending – Temporary trailer & portable toilet; revisions to address UVA building Official comments	\$12,500

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

Project: Crozet Elementary School Safe Routes to School Sidewalk Project

Description:

Provide improved walking and bicycling routes to Crozet Elementary School for students from residential neighborhoods by constructing curb and sidewalk on the west side of Crozet Avenue from Ballard Drive to the school. The improvements also include installation of a manually activated crosswalk warning system at the pedestrian crossing to the school. This project is partially funded by a VDOT Safe Routes to School grant. A separate Revenue Sharing project extends the sidewalk from Crozet School to Saint George Avenue.

Status:

Work completed and substantial completion achieved June 2015. Final completion achieved on July 8, 2015. The project is now in the close-out and warranty phase.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Design Complete	04/30/12	02/20/13	296
Right-of-Way / Easements Complete	05/31/12	12/30/12	213
VDOT Approval to Advertise	06/30/12	07/30/13	395
Bid Opening Date	08/15/12	10/28/13	439
Re-advertise Project	01/08/14	10/24/14	289
Bids Due	11/20/14	11/20/14	0
VDOT-FHWA Authorization to Award Contract	09/15/12	01/07/15	844
Notice to Proceed	09/15/12	03/02/15	898
Curb/Drainage Complete	11/15/12	04/28/15	894
Sidewalks Complete	11/30/12	05/30/15	911
Paving Complete	12/15/12	06/15/15	912
Substantial Completion	12/15/12	06/30/15	927



Project Budget:

	Baseline [January 2012]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 190,000	\$ 393,000	\$ (203,000)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 190,000	\$ 393,000	\$ (203,000)
Use of Funds			
Soft Costs	\$ 43,300	\$ 89,123	\$ (45,823)
Hard Costs	\$ 134,500	\$ 277,072	\$ (142,572)
Contingency	\$ 12,200	\$ 26,806	\$ (14,606)
Total	\$ 190,000	\$ 393,000	\$ (203,000)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 29,441	
Paid to Date:		\$ 328,051	

A/E Contract (Anhold Associates)

Original Agreement	\$20,697
Approved Changes	\$15,325
Pending Changes	\$
TOTAL	\$36,022

A/E Change Orders:

No. & Brief Description	Amount
1 – Prepare documents to relocate existing waterline conflicting with proposed stormwater utilities	\$2,524
2 – Redesign plans and construction documents	\$12,801

Construction Contract (Plecker Construction)

Bid Award	\$268,750
Approved Changes	\$
Pending Changes	\$ 2,493
TOTAL	\$271,243

Construction Change Orders:

No. & Brief Description	Amount
Pending – Additional paving/stripping	\$2,493

CROZET ELEMENTARY SAFE ROUTES TO SCHOOL SIDEWALK 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	Apr-11	\$ 43,300.00		\$ 146,700.00	\$ 190,000.00		Safe Routes to School (SRTS) Grant to improve walking and bicycling routes to Crozet Elementary School - design and construction of curb and sidewalk on the west side of Crozet Avenue from Ballard Drive to the school including installation of a manually activated crosswalk warning system at the pedestrian crossing to the school. Bids received were over budget and a No Award issued since post bid negotiations are not permitted per the grant. Note: This grant is budgeted with the Crozet Avenue North Sidewalk revenue sharing project. The SRTS project is tracked separately internally in OFD to more closely monitor the grant.	Appropriation - SRTS grant
Additional Appropriation	Oct-14			\$ 103,000.00	\$ 293,000.00	\$ 103,000.00	Project initially bid in October 2013 – low bid exceeded available funds primarily due to a significant and unanticipated waterline relocation. Plans were redesigned so the waterline relocation was avoided, other substantial cost saving changes suggested by bidders were incorporated, and an additional appropriation approved by Board to support project.	Appropriation
Additional Appropriation	Jan-15			\$ 100,000.00	\$ 393,000.00	\$ 203,000.00	Project re-advertised and bids opened in November 2014 – apparent low bid exceeded available funds. Difference between the 3 lowest bids was less than 1%, so bids were representative of current bidding climate. Additional appropriation approved by Board to proceed with construction of the project.	Appropriation
			Budgeted w/ Crozet Ave N Sidewalk					

Project: Crozet Avenue North Sidewalk Improvement

Description:

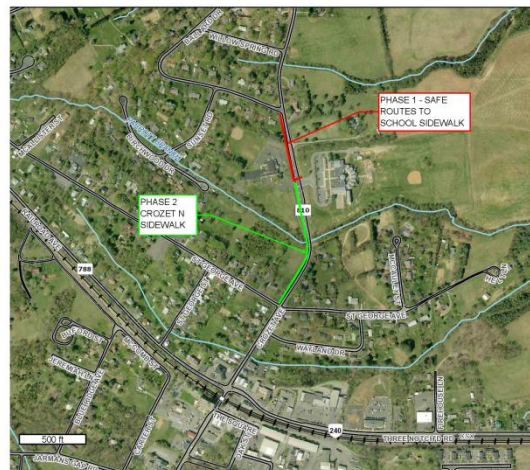
Provide for pedestrian safety by replacing or constructing approximately 1100 feet of sidewalk and drainage improvements along the west side of Crozet Avenue from Saint George Avenue to Crozet Elementary School. This project and the South Pantops Drive/State Farm Boulevard Sidewalk Improvement Project are partially funded with Revenue Sharing funds and are assigned one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program. A separate Safe Routes to School (SRTS) Grant project provides improved pedestrian crossing at the school and extends sidewalk to Ballard Drive.

Status:

VDOT authorization to advertise project received June 2015. Project is currently being advertised and bids are due on August 4, 2015. The A/E, Kimley-Horn & Associates, is addressing ACSA comments on the waterline relocation. There is an appropriation request being presented to the Board August 5, 2015, to (a) combine this project with the South Pantops Drive/State Farm Boulevard Sidewalk to align with the VDOT Revenue Sharing Program award; and (b) appropriate to the combined project \$61,261.17 in Martha Jefferson Hospital (MJH) at Peter Jefferson Place proffer revenue to support the cost of an unanticipated waterline relocation, additional consultant costs related to easement acquisitions, and updated construction costs based on current market conditions. Combining the two projects and will make the project administration, reimbursement requests, and project accounting less complicated.

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
Bid Opening Date	05/31/13	07/16/15	776
Notice to Proceed / VDOT Approval of Contract	06/30/13	08/13/15	774
Curb & Drainage Complete	08/31/13	09/15/15	745
Sidewalks Complete	09/30/13	10/25/15	755
Paving Complete	10/15/13	11/15/15	761
Substantial Completion	10/15/13	12/15/15	791



Project Budget:

	Baseline	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 661,400	\$ 815,878	\$ (154,478)
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 661,400	\$ 815,878	\$ (154,478)
Use of Funds			
Soft Costs	\$ 104,200	\$ 288,720	\$ (184,520)
Hard Costs	\$ 497,200	\$ 461,465	\$ 35,735
Contingency	\$ 60,000	\$ 65,694	\$ (5,694)
Total	\$ 661,400	\$ 815,878	\$ (154,478)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 14,605	
Paid to Date:		\$ 227,689	

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

Original Agreement	\$40,000
Approved Changes	\$ 1,600
Additional Agreement	\$31,596
Approved Changes	\$24,905
TOTAL	\$98,101

Construction Contract

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

A/E Change Orders (Original Agreement):

<u>No. & Brief Description</u>	<u>Amount</u>
1 - Eliminate bid/construction observation; add plats & final engineering services.	\$1,600

A/E Change Orders (Additional Agreement):

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Revise project drawings to account for SRTS design changes which impacted project	\$18,920
2 – Revise plans to address ACSA waterline relocation comments	\$5,985

CROZET AVENUE NORTH SIDEWALK 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 (established from Sidewalk Improvement Program estimate)		\$ 104,200		\$ 557,200	\$ 661,400		Replacing or constructing approximately 1100 feet of sidewalk and drainage improvements along the west side of Crozet Avenue from Saint George Avenue to Crozet Elementary School. Note: 1) This project and the South Pantops Dr/State Farm Blvd sidewalk project are considered one project by VDOT under the Revenue Sharing Program.	Appropriations - see funding summary below
Current Estimate at Completion	Mar-15	\$ 205,187	\$ 68,779	\$ 481,912	\$ 755,878	\$ 94,478	1) OFD Internal Service Fund for project management services not created until FY13. 2) VDOT requirement for on-site inspector at all times during construction and requirement to offer just compensation for right-of-way unknown when baseline established	Appropriations - see funding summary below
Remove Assumption to Transfer funds to South Pantops/State Farm Sidewalk	Jul-15			\$ 60,000	\$ 815,878	\$ 154,478	Removed previous assumption to transfer \$60,000 to South Pantops Drive/State Farm Boulevard Sidewalk project due to unanticipated waterline relocation and updated construction costs based on current market conditions.	Appropriations - see funding summary below (removal of transfer assumption)

Funding Summary

Date	Amount	Source
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
FY13-FY15	\$ 68,228	Project Management Services
	\$ 815,878	
	\$ (60,000)	Potential future transfer to South Pantops/State Farm Sidewalk
	\$ 60,000	Remove assumed transfer to South Pantops/State Farm Sidewalk
TOTAL	\$ 815,878	

Project: South Pantops Drive/State Farm Boulevard Sidewalk Improvements

Description:

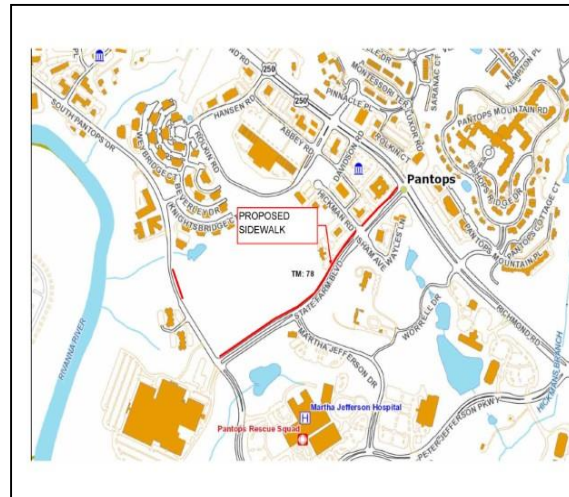
Provide for pedestrian safety along the north side of South Pantops Drive and west side of State Farm Boulevard by constructing 3500 feet of curb, gutter and sidewalk which will serve several residential, business, and commercial establishments. This project and the Crozet Avenue North Sidewalk Improvement Project are partially funded with Revenue Sharing funds and are assigned one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program.

Status:

All plats and deeds have been executed and recorded. VDOT authorization to advertise project received June 2015. Project is currently being advertised and bids are due on August 4, 2015. There is an appropriation request being presented to the Board August 5, 2015, to (a) combine this project with the Crozet Avenue North Sidewalk to align with the VDOT Revenue Sharing Program award; and (b) appropriate to the combined project \$61,261.17 in Martha Jefferson Hospital (MJH) at Peter Jefferson Place proffer revenue to support the cost of an unanticipated waterline relocation, additional consultant costs related to easement acquisitions, and updated construction costs based on current market conditions. Combining the two projects and will make the project administration, reimbursement requests, and project accounting less complicated.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Design Complete	12/31/12	02/28/14	424
Right-of-Way / Easements Complete	03/15/13	04/30/15	776
VDOT Approval to Advertise	04/15/13	05/10/15	755
Bid Opening Date	06/01/13	06/01/15	730
Notice to Proceed / VDOT Approval of Contract	07/01/13	06/15/15	714
Curb & Drainage Complete	09/01/13	08/01/15	699
Sidewalks Complete	10/01/13	08/21/15	689
Paving Complete	10/15/13	09/04/15	689
Substantial Completion	10/31/13	09/25/15	694



Project Budget:

	Baseline [July 2008]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 512,000	\$ 959,408	\$ (447,408)
Future Appropriations	\$ -	\$ 61,261	\$ (61,261)
Additional Source	\$ -	\$ -	\$ -
Total	\$ 512,000	\$ 1,020,669	\$ (508,669)
Use of Funds			
Soft Costs	\$ 60,000	\$ 293,188	\$ (233,188)
Hard Costs	\$ 410,000	\$ 704,953	\$ (294,953)
Contingency	\$ 42,000	\$ 22,528	\$ 19,472
Total	\$ 512,000	\$ 1,020,669	\$ (508,669)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 8,163	
Paid to Date:		\$ 225,083	

* Appropriation of MJH Peter Jefferson Place Proffer

A/E Contract (Kimley-Horn & Associates)

Original Agreement	\$ 39,116
Approved Changes	\$ 9,369
Additional Agreement	\$ 49,595
Approved Changes	\$ 42,578
TOTAL	\$140,658

Construction Contract

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

A/E Change Orders (Original Agreement):

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Update survey (FY09)	\$ 600
2 – Additional survey (FY09)	\$ 6,950
3 – Add topo survey, plats & final engineering; eliminate bidding/ construction observation (FY12)	\$ 1,819

A/E Change Orders (Additional Agreement):

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Temporary easement plats	\$8,888
2 – Additional right-of-way and easement acquisition services	\$13,200
3 – Additional right-of-way and easement acquisition services	\$14,025
4 – Additional right-of-way and easement plat revisions and design revisions changes to accommodate landowner requests	\$6,465

SOUTH PANTOPS DRIVE/STATE FARM BOULEVARD SIDEWALK 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 (established based on FY08 Appropriation)	Oct-07	\$ 60,000		\$ 452,000	\$ 512,000		Construct 3500 feet of curb, gutter and sidewalk along the north side of South Pantops Drive and west side of State Farm Boulevard. Note: 1) This project and the Crozet Avenue North sidewalk project are considered one project by VDOT under the Revenue Sharing Program.	Appropriation - see funding summary below
Current Estimate at Completion	Mar-15	\$ 236,225	\$ 62,196	\$ 720,987	\$ 1,019,408	\$ 507,408	1) Original appropriation only partially funded project. 2) OFD Internal Service Fund for project management services not created until FY13. 3) VDOT requirement for on-site inspector at all times during construction and requirement to offer just compensation for right-of-way unknown when baseline set. 4) Assumes \$60,000 transfer from Crozet Avenue North Sidewalk.	Appropriations - see funding summary below
Remove Assumption to Transfer funds from Crozet Avenue North Sidewalk	Jul-15			\$ (60,000)	\$ 959,408	\$ 447,408	Removed previous assumption of \$60,000 transfer from Crozet Avenue North Sidewalk due to unanticipated waterline relocation.	Appropriations - see funding summary below (removal of transfer assumption)
Pending Appropriation	Aug-15			\$ 61,216	\$ 1,020,624	\$ 508,624	Additional appropriation to cover previous assumed transfer from Crozet Avenue North, additional consultant costs related to easement acquisitions, and updated construction costs based on current market conditions.	Pending Appropriation

Funding Summary

Date	Amount	Source
10/03/07	\$ 512,000	Appropriation #2008-28 (reappropriation process)
07/03/13	\$ 395,000	Appropriation #2014-005- FY13 Revenue Sharing
FY13-FY15	\$ 52,408	Project Management Services
	\$ 959,408	
	\$ 60,000	Future transfer from Crozet Ave North Sidewalk
	\$ (60,000)	Remove assumption of transfer from Crozet Ave North Sidewalk
	\$ 61,216	Pending appropriation of proffer
TOTAL	\$ 1,020,624	

Project: Hydraulic Road and Barracks Road Sidewalk Improvements

Description:

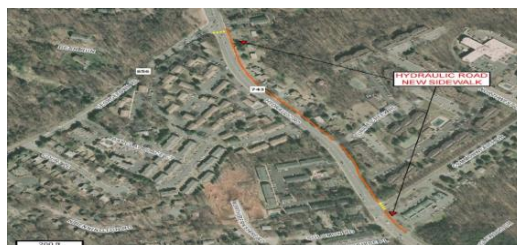
Provide for pedestrian safety by making sidewalk improvements along Hydraulic Road and Barracks Road. These two projects are partially funded with Revenue Sharing funds and are assigned one VDOT Universal Project Code (UPC) and considered one project in the Revenue Sharing Program. The Hydraulic Road sidewalk improvement involves the construction of approximately 1700 feet of sidewalk on the north side of Hydraulic Road between approximately 300 feet east of Commonwealth Drive and Georgetown Road. The Barracks Road sidewalk improvement involves: 1) the construction of approximately 1000 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 crosswalks and two segments of sidewalk (650 ft total) on the south side of Barracks Road between the Georgetown Road intersection and Westminster Road, and between S. Bennington Road and the 29/250 Bypass ramps.

Status:

An additional appropriation of \$400,000 was approved by the Board in May 2015 in order to fully fund the project. Plans were submitted to the Community Development Department and the first round of comments have been addressed. The preliminary engineering design has been completed. Currently addressing public hearing plan comments and finalizing right-of-way plans. Once right-of-way plans are finalized, VDOT authorization to proceed with the right-of-way acquisition phase of the project will be requested. The right-of-way acquisition phase involves working with approximately 21 property owners.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Pre-design Complete	10/01/14	01/28/15	119
Design Complete	05/01/15	03/15/16	319
Right-of-Way/Easements and Utilities Complete	04/01/15	04/01/16	366
Advertise Date	05/01/15	04/01/16	336
Bid Opening	06/01/15	05/15/16	349
Notice to Proceed	07/01/15	06/15/16	350
Substantial Completion	12/01/15	12/15/16	380



Project Budget:

	Baseline [January 2014]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 1,588,600	\$ 1,945,823	\$ (357,223)
Future Appropriations	\$ -	\$ 42,777	\$ (42,777)
Additional Source	\$ -	\$ -	\$ -
Total	\$ 1,588,600	\$ 1,988,600	\$ (400,000)
Use of Funds			
Soft Costs	\$ 617,600	\$ 907,914	\$ (290,314)
Hard Costs	\$ 873,900	\$ 966,416	\$ (92,516)
Contingency	\$ 97,100	\$ 114,270	\$ (17,170)
Total	\$ 1,588,600	\$ 1,988,600	\$ (400,000)
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ 84,345	
Paid to Date:		\$ 294,503	

* Future appropriation represents \$42,477 in Project Management (PM) services which maintains baseline PM estimate

A/E Contract (Kimley-Horn)

Original Agreement	\$323,256
Approved Changes	\$ 25,900
Pending Changes	\$
TOTAL	\$349,156

Construction Contract

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

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1 (Hydraulic) – Assist/support public meeting process	\$13,164
1 (Barracks) – Cemetery investigation	\$12,736

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 - see funding summary below
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. Note: Right-of-way costs (consultant, purchase) and inspection services included w/ soft costs	Appropriation

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
FY14	\$ 57,600	Project Management Services estimate
05/06/15	\$ 400,000	Appropriation #2015-092 - Proffer
TOTAL	\$ 1,988,600	

Project: Church Road Basin Stormwater Management Facility Retrofit

Description:

The Church Road Basin project includes maintenance and enhancements to the existing regional stormwater management facility. The project scope includes survey, design, and construction. The County is required (through the DCR-issued stormwater permit) to reduce pollutant discharges (nitrogen, phosphorus and sediment) to impaired waters having approved TMDLs, or pollution diets. This project will help the County meet required pollutant reductions mandated for the Cheasapeake Bay watershed. The project is partially funded by a grant through the Department of Environmental Quality's (DEQ's) Stormwater Local Assistance Fund, a new funding program for stormwater pollution reduction efforts related to Total Maximum Daily Loads (TMDLs).

Status:

The remaining plants were installed and punch list items addressed. Substantial completion was achieved April 2015 and final completion May 2015. The project is now in the warranty period.

Project Schedule:

Phase	Baseline Schedule	Actual/Forecast	Variance (days)
Charrette Mtg	05/31/13	06/12/13	12
60%-design Complete	07/26/13	10/25/13	91
100% Design Complete	11/08/13	02/28/14	112
Project Out-to-bid	01/10/14	06/15/14	156
Bid Opening Date	02/28/14	07/21/14	143
Notice to Proceed	04/01/14	10/20/14	202
Substantial Completion	12/14/14	04/22/15	129



Project Budget:

	Baseline [April 2013]	Current Estimate At Completion	Variance
Funding			
Appropriated to Date	\$ 449,739	\$ 426,919	\$ 22,820
Future Appropriations	\$ -	\$ -	\$ -
Additional Source	\$ -	\$ -	\$ -
Total	\$ 449,739	\$ 426,919	\$ 22,820
Use of Funds			
Soft Costs	\$ 98,739	\$ 103,830	\$ (5,091)
Hard Costs	\$ 265,000	\$ 307,871	\$ (42,871)
Contingency	\$ 86,000	\$ 15,218	\$ 70,782
Total	\$ 449,739	\$ 426,919	\$ 22,820
Balance = Funding - Costs	\$ -	\$ -	
Encumbered:		\$ -	
Paid to Date:		\$ 405,268	

A/E Contract (Kimley-Horn & Associates)

Original Agreement	\$72,772
Approved Changes	\$ 2,310
Pending Changes	\$
TOTAL	\$75,082

Construction Contract (North State Environmental)

Bid Award	\$298,491
Approved Changes	\$ 9,290
Pending Changes	\$
TOTAL	\$307,781

A/E Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Easement plat preparation and grant application assistance	\$2,310

Construction Change Orders:

<u>No. & Brief Description</u>	<u>Amount</u>
1 – Add containerized trees & shrubs; reduce offsite soil export, modify weir, reuse existing riser	\$9,290

CHURCH ROAD BASIN STORMWATER MANAGEMENT FACILITY RETROFIT PROJECT BUDGET TRACKER								
	Date	Design / Soft Costs	Project Management	Construction (including contingency)	Total	Changes (Baseline vs. Current Estimate)	Original Scope and Changes	Project Budget Information Source
Baseline Estimate	Apr-13	\$ 75,000	\$ 23,739	\$ 351,000	\$ 449,739		Maintenance and enhancements to the existing regional stormwater management facility. Project helps County meet required pollutant reductions mandated for the Chesapeake Bay watershed.	CIP (Stormwater Management Program project)
Reallocation to another SWM project	Dec-13			\$ (25,000)	\$ 424,739	\$ (25,000)	Reallocation of funds to the WAHS Biofilter project which required additional funding to award a contract for the base bid. Based on updated cost estimates, funding was available in the Church Road basin appropriation.	Appropriation
Project Management Adjustments			\$ 2,180		\$ 426,919	\$ (22,820)	Project Management Services adjustments - FY13-FY15 budgets	Appropriations

**Change Orders Requiring County Executive Office Approval
January 2015 - June 2015**

Project	Vendor	Contract Type	Amount	CO No.	Scope	Date Approved by CE Office	Reason: >25% or >\$50K
Crozet Avenue North Sidewalk	Kimley-Horn & Associates	Design	\$18,920.00	1	Additional services required to revise the project drawings to account for several design iterations to the SRTS project drawings.	02/20/15	>25%
Four Seasons Forebay - Channel Improvements	Timmons Group	Design	\$4,800.00	2	Additional services required to (1) provide construction stakeout to ensure contractor builds project per design; and (2) provide record survey to ensure project was constructed in accordance with design documents.	02/23/15	>25%
State Farm Boulevard and South Pantops Drive Sidewalk	Kimley-Horn & Associates	Design	\$14,025.00	3	Additional services required to secure right-of-way and temporary construction easements.	02/25/15	>25%
Crozet Avenue North Sidewalk	Kimley-Horn & Associates	Design	\$5,985.00	2	Additional services required to reflect warline relocation required by ACSA.	06/17/15	>25%
State Farm Boulevard and South Pantops Drive Sidewalk	Kimley-Horn & Associates	Design	\$6,465.00	3	Additional services required to secure right-of-way and temporary construction easements.	06/17/15	>25%