

FES Quarterly Report – July 2020

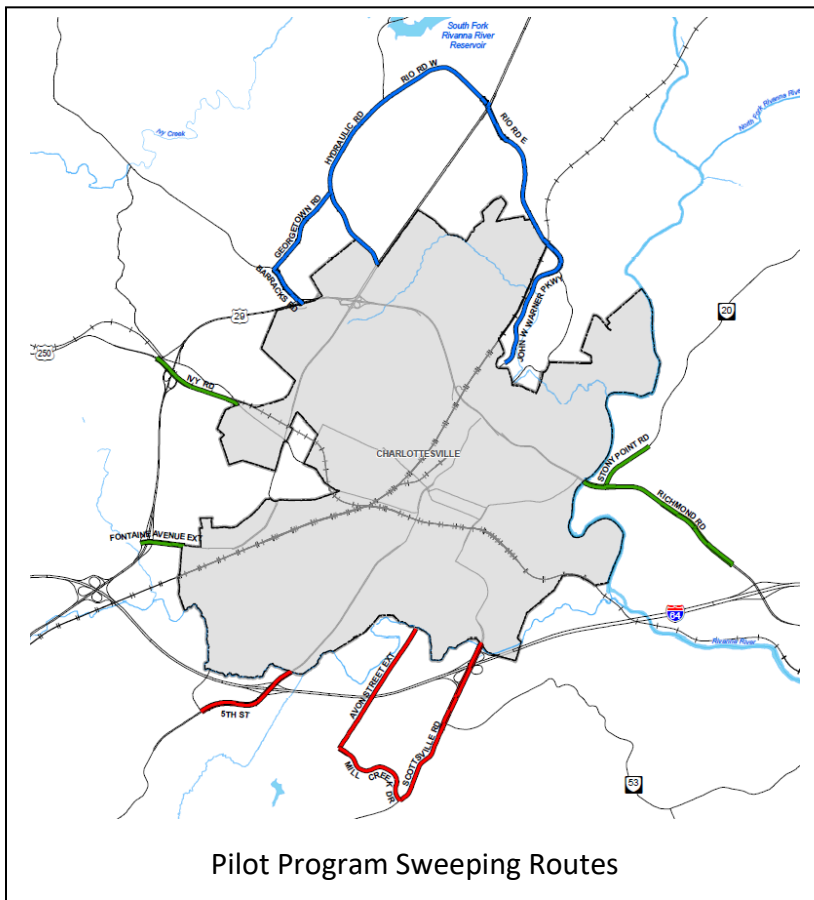
Facilities & Environmental Services Department, Albemarle County



Top of the News

Street Sweeping Pilot Set to Launch

Albemarle County and the City of Charlottesville have reached agreement to conduct a pilot program to explore the long-term viability of Charlottesville Public Works' street sweeping program expanding to the Albemarle's entrance corridor streets near the City.



Sweeping streets has multiple benefits. Clean streets improve safety for vehicles and bicycles. Removing debris from the streets improves water quality for streams and rivers. Regular sweeping sends a clear message that a community cares for its infrastructure.

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Capital Projects Report

Detailed capital projects scope and updates



The matter collected from the street sweeping effort – gravel, dirt, and other debris collectively called “spoils” – will be disposed of at the Ivy Materials Utilization Center.

Staff are working now to finalize permit requirements with the Virginia Department of Transportation. Once the permit is in hand, sweepers will start work early in the morning on weekends, to limit the impact on traffic and ensure that delivery of services to Albemarle does not reduce the scope or frequency of Charlottesville streets.

The sweeping machines will bear magnetic signage with the Albemarle County logo and FES contact information, so that citizens with questions or concerns come to staff as we monitor the progress of the program. The pilot effort is set to complete two full circuits of all routes, after which FES and Charlottesville Public Works staff will consider whether to continue the pilot through the remainder of the calendar year.

Transportation Projects Coming Soon

Several exciting Transportation projects will occur over the next few years that will improve connectivity, safety and the quality of life for Albemarle County citizens. Transportation related projects are going to be a prominent part of what the FES’s Facilities Planning & Construction (FP&C) division does over the next few years.

There are transportation related projects that are about to begin construction, projects in the bidding process, projects that are close to entering the bidding phase, and projects that are in various phases of design.

Currently there are eleven Transportation projects being managed by the FP&C team. Albemarle County is partnering with VDOT on most of these projects, taking advantage of leveraging opportunities where state and federal funding matches reduce the amount of the County’s investment in this important infrastructure. The budgets for these projects range from \$200,000 to \$3.9 million in value. They include sidewalks, bicycle and pedestrian pathways, Safe Routes to School sidewalks and pathways, at-grade crosswalks, parking lot improvements in a business district, park roadway improvements, an entrance and parking for a relatively new park, and an engineering study for a connector road from central Crozet to Rt. 250 Rockfish Gap Pike near Clover Lawn Village.



Four of these projects include partial funding from the County's Neighborhood Improvements Funding Initiative (NIFI). These projects were selected by County citizens; in fact, one NIFI project was originally suggested by a Boy Scout.

Projects About to Begin Construction:

- NIFI Greenbrier Drive Crossing - Sidewalk improvements and signalized crosswalks across Greenbrier Drive and Rio Road will be installed.
- NIFI Safe Routes to School Mountain View E.S. (formerly Cale) - Sidewalks, and a signalized crosswalk will be installed. There will be other improvements to the parking lot and turn lanes.
- Darden Towe Park Paving – Completion of repaving of the park's roads and parking lots.

Projects Entering the Bidding Phase (August and September):

- NIFI Safe Routes to School Albemarle H.S. / Jouett M.S. - The County will provide safe pedestrian paths for students walking to AHS, Jouett M.S. and Greer E.S.
- Rio Road / Avon Street and Rt. 250 Rockfish Gap Pike Sidewalks - The \$3.9M Rio Road Sidewalk Improvement project will connect the Stonehenge neighborhood to the Warner Parkway and Rio Road sidewalk system. The Avon Street Walkway/Crosswalks Improvement project will provide sidewalks on the east side from Swan Lake Drive to Mill Creek Drive and then to Mountain View Elementary School and 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 Clover Lawn commercial area and Blue Ridge Shopping Center.
- Ivy Road Sidewalks - Sidewalks along Ivy Road from the existing sidewalk at the Charlottesville City limits to Stillfried Lane with a potential future extension along the University of Virginia property to the Route 29/250 Bypass interchange.

Essential Projects in Action – Behind the Scenes Work

In keeping with the County's 3-3-6 COVID-19 financial plan, a number of planned projects in local government buildings or schools were paused. All "essential maintenance" projects, however, continue as planned, as they are critical to the continuous, safe operation of our facilities. As important as these projects are, they're not always visible to the public, so we're highlighting a few of these lesser lights in this issue.

At Albemarle High School we are replacing a majority of the aging mechanical and electrical equipment located in the school's main mechanical room, athletic wing and field house. Throughout these spaces we will be replacing five boilers, a chiller, an air handler unit, two wastewater pumps, the electrical switch gear and the



Old Boiler Before (1 of 3)



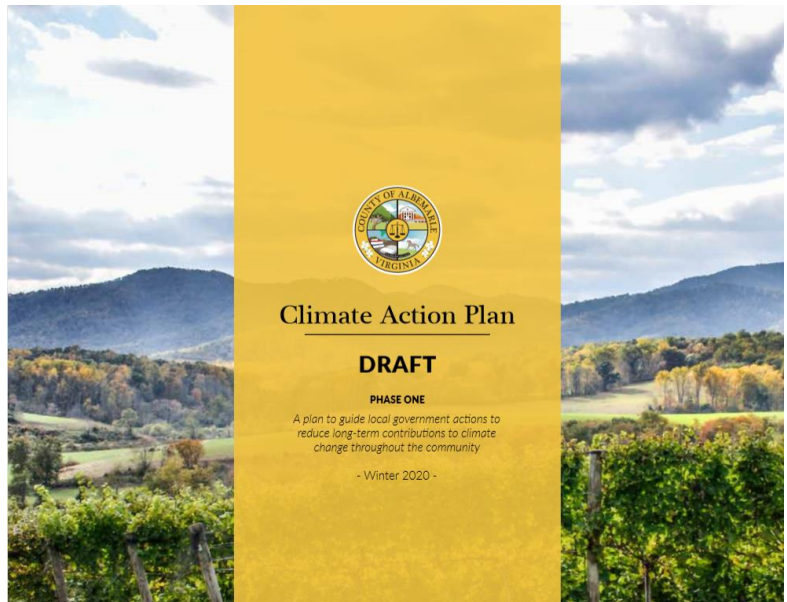
After (3 of 3 on same footprint)

associated piping and components for these items. These installations improve energy efficiency, while reducing maintenance costs and equipment down time. This project will be substantially complete in August of 2020. The picture shows how three smaller, high efficiency boilers take up the amount of space as one of the old units.

Strategic Plan Initiatives

Climate Action Planning

Plans to present the draft Climate Action Plan to the Board in March and begin a public engagement process were thwarted by the sudden constraints caused by the coronavirus pandemic. Instead, staff delayed the Board presentation and invited the public to provide feedback via two questionnaires at the County's new community engagement hub – PublicInput. One of the questionnaires focused on the Climate Action Plan itself and asked participants to rate the overall plan and the goals for each sector. The other questionnaire focused on climate actions participants were taking or wanted to take – such as conserving energy at home. We received an abundance of feedback – including some thoughtful ideas – through this process. We then presented the Plan and the feedback to the Board on July 17 and had our first chance to hear from the Board.



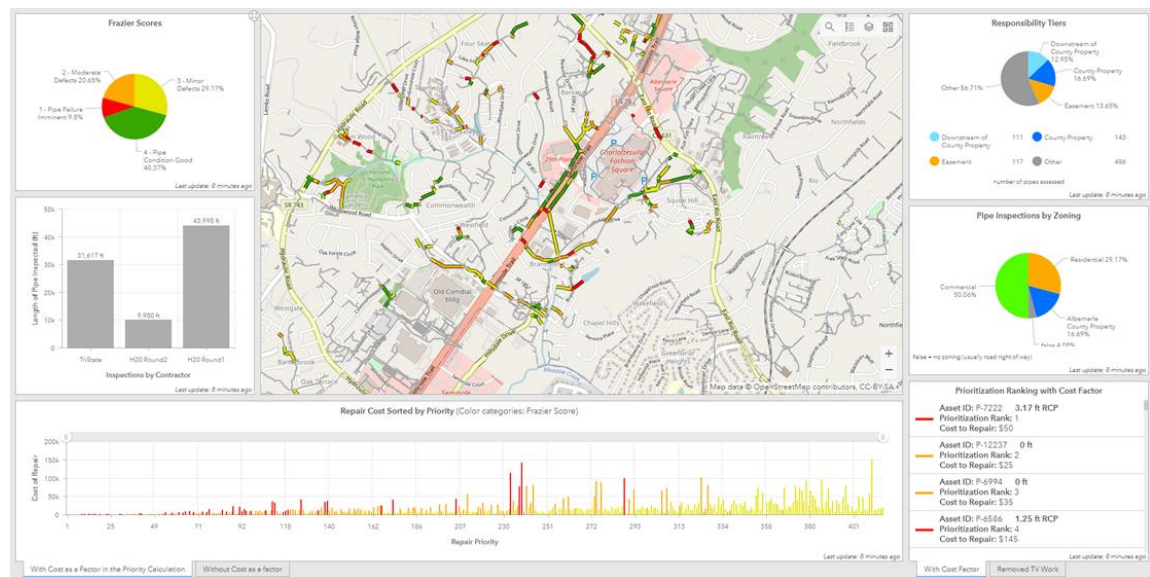
Staff forwarded the pertinent feedback to representatives of teams that developed the Plan's strategies and actions. These representatives will work with staff to decide how to best incorporate community and Board sentiment into the final version of the Phase 1 Climate Action Plan. We intend to present the final plan to the Board in September.

As we transition from Phase 1 to Phase 2 of the climate action planning process, we have already begun work to develop a greenhouse gas emission inventory; this will allow us to gage current conditions and track process toward emission reduction goals. We will also begin to implement some of the immediately actionable items called for in the Plan and determine the top priorities for use of the funding the Board has already appropriated to climate action.

Drainage Infrastructure Program Development

We have recently completed the second phase of video assessment and analysis for the initiative to develop a drainage ("grey") infrastructure program. In total, we have assessed 12.6 miles of pipe within the urban area of the County. The data collected during this assessment has been analyzed in order to develop cost estimates for potential issues. In addition, we have created an asset management framework to provide a means to dynamically prioritize these issues using a variety of factors. A brief summary of the findings and a snapshot of the interactive dashboard that is used to aid in prioritization exercises are included below.

Priority Categories	Number of Pipes	Total Repair Cost (\$)
1 - Pipe failure Imminent	66	\$1,057,562
2 - Pipes with moderate defects that likely need to be addressed in the next 10 years	143	\$2,327,247
3 - Pipes with minor defects. Re-assess in 10 years.	210	\$4,018,259
4 - Pipes in good shape with very minor defects	258	\$0
TOTAL	677	\$7,403,067



Staff will be working in the coming months to develop a recommendation for next steps, that takes into account the practical limitations of funding and the private ownership of the great majority of the drainage infrastructure.

Courts Project – Fentress Architects Selected for Design

Exciting Courts Related News in Albemarle County! After an arduous Request for Proposal process that was interrupted by the COVID-19 pandemic, FES is happy to announce that a contract for architectural services for the \$47M Courts Complex project has been executed.

Albemarle County has contracted with Fentress Architects from Washington D.C., to provide design services for renovations of the historic Albemarle County Circuit Courthouse, renovations of the Levy Opera House that will house the Albemarle County Commonwealth Attorney’s offices, and a new General District Courthouse that will house three courtrooms (2 active) for Albemarle County’s General District Courts and Clerk’s administrative operations, and one General District Courtroom for the City of Charlottesville and their Clerk’s administrative operations.

Fentress Architects is a world-class architectural firm with multiple studios in the United States. Their experience includes:

- Innovative, award winning architectural designs of iconic buildings such as the Denver International Airport, the U.S. Marine Corps Museum at Quantico, and Mile High Stadium, the home of the Denver Broncos.
- 14 Courthouses and 355 Courtrooms
- 31 Historic Renovation projects
- 500+ awards for design and innovation

Design planning and programming begin immediately. Construction is scheduled to begin in January of 2022 and to be substantially complete in July of 2024.

Programs/Initiatives

The “New Normal” – FES Employees Adapt to Necessary Change

Like most Albemarle County offices, FES has needed to adapt to changing circumstances throughout the pandemic.

FES Environmental Services staff have recently taken an expanded role performing in-house maintenance activities at County stormwater facilities. This work provides an opportunity to both reduce County expenditures on contractor labor and to safely continue staff teamwork and team-building activities in times of physical distancing.

Recent examples of this work include ESD staff assistance with planting and irrigating the green roof on the COB, removal of sediment that prevented proper function at the Church Road constructed wetlands, channel erosion repairs at Woodbrook Lagoon, and miscellaneous light maintenance during routine stormwater facility inspections.

Staff have also recently completed an assessment of necessary maintenance and repairs at County stormwater facilities, with a focus on work that can be completed exclusively with County staff.



Greg Harper and Laurel Williamson maintain their distance while getting closer to a constructed wetlands facility



Soil amendments and new plantings for the COB McIntire north wing's green roof

Fountain Conversion Complete

The fountain in the plaza of the McIntire Road County Office Building has been problematic for many years; a common concern with aging water features. It was inoperable as often as not and had been a “drain” on resources. When it *was* operable, it requires regular maintenance to keep it clean and free of algae (with chlorine tablets), and in this time of climate change represents an elective waste of electricity and water.

The fountain was recently converted into a decorative planter. The planter was designed to serve as a bio-filter, treating rainwater from the steps and plaza above it. All plants shown are native to this area and thriving.



Local Government

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Biscuit Run Phase 1a	Scottsville	Design	18%	\$2,171,702
Courts Complex Addition & Renovation	NA		9%	\$5,697,136
Facilities Master Plan Study	Multiple	Design	62%	\$200,000
Fire Rescue Training Center Rehabilitation	Scottsville	Construction	95%	\$45,000
Ivy Creek Natural Area Tenant House Roof and Farmhouse Repairs	Jack Jouett	Construction	98%	\$222,704
Local Government HVAC Improvement	Multiple	Construction	68%	\$347,000
Mint Springs Park Maintenance Upgrades	White Hall	Construction	87%	\$664,173
UST Replacement - Yancey & Old Crozet	Multiple	Construction	94%	\$127,250
Total:				\$9,474,965

NIFI

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
NIFI - Albemarle Jouett Greer SRTS	Jack Jouett	Design	79%	\$711,079
NIFI - Cale SRTS	Scottsville	Contractor Bid	89%	\$513,234
NIFI - Greenbrier Drive Crossing	Rio		0%	\$205,536
NIFI - The Square	White Hall	Design	32%	\$1,511,608
Total:				\$2,941,456

Schools

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
AHS HVAC & Waste Water Pumps	Jack Jouett	Construction	47%	\$1,923,273
Crozet Elementary Additions & Improvements	White Hall	Design	14%	\$1,200,000
Electrical Upgrades-Jouett, Burley, Henley	Jack Jouett	Construction	50%	\$426,830
Food Service Equipment - Henley, Jouett, Brownsville	Multiple	Construction	55%	\$674,188
Henley Backup Generator	White Hall	Construction	77%	\$198,000
High School Center 2	NA	Design	25%	\$18,889,000
Red Hill Gym Addition and Improvements	Samuel Miller	Construction	50%	\$5,050,000

Schools

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Schools Summer Roofing Projects 2020	Multiple	Construction	66%	\$2,459,622
Scottsville Elementary Classroom Addition & Gym 2019	Scottsville		57%	\$12,200,000
VMF Office RTU's and VAV and Controls	Jack Jouett	Construction	85%	\$501,854
WAHS Wood Shop	White Hall	Construction	45%	\$235,000
Walton HVAC Upgrades	Samuel Miller	Construction	65%	\$877,845

Total: \$44,635,612

Transportation

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Berkmar Bike Ped Improvements	Rio	Initiation	0%	\$2,690,026
Eastern Avenue Preliminary Study	White Hall	Design	30%	\$275,000
Sidewalk - Commonwealth/Dominion	Jack Jouett	Design	27%	\$3,336,224
Sidewalk - Ivy Road	Multiple	Right of Way	90%	\$2,569,814
Sidewalk - Rio Road, Avon Street & Rt. 250 West-Crozet	Multiple	Right of Way	89%	\$3,905,209

Total: \$12,776,273

\$69,828,305

Summary - Active Capital Projects

Monday, July 6, 2020

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Jack Jouett

Project Name	Project Type	ProjectPhase	% Complete	Budget
Ivy Creek Natural Area Tenant House Roof and Farmhouse Repairs	Local Government	Construction	98%	\$222,704
NIFI - Albemarle Jouett Greer SRTS	NIFI	Design	79%	\$711,079
AHS HVAC & Waste Water Pumps	Schools	Construction	47%	\$1,923,273
Electrical Upgrades-Jouett, Burley, Henley	Schools	Construction	50%	\$426,830
VMF Office RTU's and VAV and Controls	Schools	Construction	85%	\$501,854
Sidewalk - Commonwealth/Dominion	Transportation	Design	27%	\$3,336,224
Total:				\$7,121,963

Rio

Project Name	Project Type	ProjectPhase	% Complete	Budget
NIFI - Greenbrier Drive Crossing	NIFI		0%	\$205,536
Berkmar Bike Ped Improvements	Transportation	Initiation	0%	\$2,690,026
Total:				\$2,895,562

Samuel Miller

Project Name	Project Type	ProjectPhase	% Complete	Budget
Red Hill Gym Addition and Improvements	Schools	Construction	50%	\$5,050,000
Walton HVAC Upgrades	Schools	Construction	65%	\$877,845
Total:				\$5,927,845

Scottsville

Project Name	Project Type	ProjectPhase	% Complete	Budget
Biscuit Run Phase 1a	Local Government	Design	18%	\$2,171,702
Fire Rescue Training Center Rehabilitation	Local Government	Construction	95%	\$45,000
NIFI - Cale SRTS	NIFI	Contractor Bid	89%	\$513,234
Scottsville Elementary Classroom Addition & Gym 2019	Schools		57%	\$12,200,000
Total:				\$14,929,936

White Hall

Project Name	Project Type	ProjectPhase	% Complete	Budget
Mint Springs Park Maintenance Upgrades	Local Government	Construction	87%	\$664,173
NIFI - The Square	NIFI	Design	32%	\$1,511,608
Crozet Elementary Additions & Improvements	Schools	Design	14%	\$1,200,000
Henley Backup Generator	Schools	Construction	77%	\$198,000
WAHS Wood Shop	Schools	Construction	45%	\$235,000
Eastern Avenue Preliminary Study	Transportation	Design	30%	\$275,000
Total:				\$4,083,781

Multiple

Project Name	Project Type	ProjectPhase	% Complete	Budget
Facilities Master Plan Study	Local Government	Design	62%	\$200,000
Local Government HVAC Improvement	Local Government	Construction	68%	\$347,000
UST Replacement - Yancey & Old Crozet	Local Government	Construction	94%	\$127,250
Food Service Equipment - Henley, Jouett, Brownsville	Schools	Construction	55%	\$674,188
Schools Summer Roofing Projects 2020	Schools	Construction	66%	\$2,459,622
Sidewalk - Ivy Road	Transportation	Right of Way	90%	\$2,569,814
Sidewalk - Rio Road, Avon Street & Rt. 250 West-Crozet	Transportation	Right of Way	89%	\$3,905,209
Total:				\$10,283,083

NA

Project Name	Project Type	ProjectPhase	% Complete	Budget
Courts Complex Addition & Renovation	Local Government		9%	\$5,697,136
High School Center 2	Schools	Design	25%	\$18,889,000
			Total:	\$24,586,136
				\$69,828,305

Capital Projects Report - Facilities and Environmental Services

Local Government

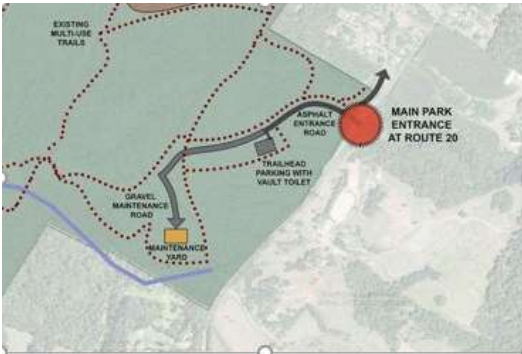
Biscuit Run Phase 1a

Project Scope

Biscuit Run Park is a nearly 1,200 acre property located in Albemarle County. The Commonwealth of Virginia acquired the property in 2009 and announced a partnership with Albemarle County to open Biscuit Run park to the public. The park partnership is the first of its kind in Albemarle’s development area and will provide high-quality recreational opportunities for Albemarle County and the surrounding communities. A minimum of 80% of the park will remain forested, all sensitive natural heritage resources will be protected, and management concerns like invasive species will be addressed.

Project Update

After a brief pause this project was given the green light to proceed through Phase 1A design. County staff met with VDOT and the design team to discuss any VDOT concerns with the proposed entrance design and potential options for alternate park entrances. County Staff is currently working with the AE to refine entrance options to be presented to VDOT for possible acceptance before moving forward with a finalized design. County staff submitted two revised conceptual design options to VDOT. VDOT returned with one of the options being deemed feasible. Project team to meet week of 7/6 to develop plan to move forward.



Current Phase:	Design	Budget Status:	Proceed through Design Only
% Complete:	18%	Budget:	\$2,171,702.00
Design % Complete:	28%	PO Balance:	\$340,778.50
Construction % Complete:	0%	Paid to Date:	\$147,476.50
Updated:	7/3/2020	Balance:	\$1,683,477.00
Managed By:	Steve Hoffmann		
Substantial Completion:	12/8/2021		

Capital Projects Report - Facilities and Environmental Services

Local Government

Courts Complex Addition & Renovation

Project Scope

This project will expand capacity and modernize Court facilities to support projected space needs through 2035, and will be conducted in two phases. Phase I: In partnership with the City of Charlottesville, construct a new co-located General District Court facilities and renovate the historic portion of the Levy Opera House to accomodate the Albemarle Commonwealth Attorney's office. Phase II: renovation and modernization of the historic Albemarle County courts complex to house the Albemarle County Circuit Court.



Project Update

Contract for design services was executed and Notice to Proceed sent on 7/1/20. Project Kick-Off meeting is scheduled for 7/7/20. FP&C Communication plan being developed and this draft version will be sent to FES Director, CAPE and Assistant County Executive for review and input. Final version will need to be approved by CAPE. Planning / Programming work will begin. Introductory memo sent to Sheriff's personnel for County and City to discuss potential coverage at new General District Court. Meeting will be scheduled by mid-July.

Current Phase:		Budget Status:	Proceed through Design Only
% Complete:	9%	Budget:	\$5,697,136.00
Design % Complete:	0%	PO Balance:	\$690.00
Construction % Complete:	0%	Paid to Date:	\$366,730.01
Updated:	7/3/2020	Balance:	\$5,329,715.99
Managed By:	Blake Abplanalp		
Substantial Completion:			

Capital Projects Report - Facilities and Environmental Services

Local Government

Facilities Master Plan Study

Project Scope

The purpose of the Facilities Master Plan is to assess existing and future space needs (20-year window) of County functions, and make recommendations to ensure adequate space. Assessment will also include opportunities to improve customer interface. Recommendations may include additions to assorted County facilities, potential space leasing, and/or new construction. Study will consider existing County-owned properties which have been land-banked for future use and proffered properties not currently owned by the County, to determine their suitability for future development by the County.

Project Update

Staff had a meeting with Moseley Architects to provide direction on tasks that can continue forward while the County re-evaluates future space needs with new telework possibilities.

A facilities assessment was performed on County office building at McIntire, 5th Street and Scottsville Fire-Rescue on 5/29/20.

Proposal for change order #2 to perform the County Owned Properties Site Evaluation has been given direction to proceed. Staff met with Moseley Architects to create two phases of work; in the first phase the Architect will perform initial research while Staff determines more focused potential site uses and the second phase will be for the Architect to evaluate site uses.

The study was originally planned to be completed by the end of Summer 2020; however, due to pausing the study for the pandemic and the resulting re-evaluation of space needs, Staff anticipates the completion of the study will be by the end of the 2020 calendar year.



Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	62%	Budget:	\$200,000.00
Design % Complete:	62%	PO Balance:	\$64,311.00
Construction % Complete:	0%	Paid to Date:	\$35,090.94
Updated:	6/8/2020	Balance:	\$100,598.06
Managed By:	Tyler Gifford		
Substantial Completion:	10/21/2020		

Capital Projects Report - Facilities and Environmental Services

Local Government

Fire Rescue Training Center Rehabilitation

Project Scope

Albemarle County Fire/Rescue (ACFR) prioritized the maintenance of this critical training structure to meet accreditation requirements for the next 5 years. This project acknowledges future needs and improves the capacity to serve current community needs. Improve existing Burning Building property to sufficient condition to maintain accreditation for a minimum of five more years.

Project Update

All repair work completed with the exception of the High Temperature Lining maintenance and inspections. This work will be completed this summer by E.H. Glover Inc. Work was originally scheduled for mid July but due to the COVID-19 outbreak and closures at their production facility, work is being pushed out to mid August.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	95%	Budget:	\$45,000.00
Design % Complete:	100%	PO Balance:	\$0.00
Construction % Complete:	95%	Paid to Date:	\$36,038.99
Updated:	6/3/2020	Balance:	\$8,961.01
Managed By:	Steve Hoffmann		
Substantial Completion:	6/30/2020		

Capital Projects Report - Facilities and Environmental Services

Local Government

Ivy Creek Natural Area Tenant House Roof and Farmhouse Repairs

Project Scope

Wear and tear over time has resulted in needed structural and building envelope repairs of the historic farm house at Ivy Creek Nature Center. Scope of work includes replacement of old metal roof, foundation repairs, and structural repairs assessment to ensure the building remains viable for future use.

Project Update

All originally contracted (roofing) work and all change order (chimney) work has been completed.

A small portion of the unspent contingency has been tapped to install gutters on the 2 shed-additions to the house (to redirect stormwater away from all building foundations and to install a new, pre-fabricated storm entrance to the cellar.

The additional gutters were installed on 06-15; the installation of the cellar door will be installed on 07-06.

Construction work is scheduled to be completed by 07-10-20.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	98%	Budget:	\$222,704.00
Design % Complete:	100%	PO Balance:	\$115,717.50
Construction % Complete:	99%	Paid to Date:	\$82,217.86
Updated:	7/2/2020	Balance:	\$24,768.64
Managed By:	Montie Breeden		
Substantial Completion:	5/29/2020		

Capital Projects Report - Facilities and Environmental Services

Local Government

Local Government HVAC Improvement

Project Scope

An energy audit of County Office Building at 5th Street was performed which identified multiple energy efficiency projects to provide financial cost savings. In the review process, additional energy efficiency projects at other County facilities are also being performed.

Project Update

Finance Dept. HVAC Improvement: Suspected ACM materials were tested and initial results indicate no ACM. Equipment expected to ship 6/17. Staff is coordinating start of work with Finance Dept. and Public Works.

COB 5th St. Building Automation System (BAS) Occupancy Programming: 1. Social Services, Voter Registration & IT Areas - Reprogramming was complete on 09-11-19. Monitoring energy use to confirm potential energy savings and adjust as needed. 2. Fire-Rescue Areas - Staff is currently reviewing a revised heating/cooling schedule. 3. Police Areas - Staff is currently reviewing a revised heating/cooling schedule.

COB 5th Street Chilled Water Pumps: Received Cooperative Authorization letter from Johnson controls. Requisition requested in BSO, awaiting Purchase Order. Change order submitted for Thompson Engineering to perform a cooling load calculation for entire building to verify the required chiller size. Ben with Thompson was on site 5/18/20 to gather information and provided formal document with findings on 5/26/20. Document currently being reviewed by Staff.

Station 12 Domestic Water: Received documents requested and have proceeded with a requisition in BSO. In progress of drafting Pre- Construction Agenda and working with staff on giving Riddleberger access to the building. Anticipate Start of Construction end of June.

Installation of new COB McIntire Exclusion Meter: Staff discussion with City on hold due to pandemic.

COB 5th St. Fire-Rescue Exterior Insulation: Investigation on hold due to pandemic

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	68%	Budget:	\$347,000.00
Design % Complete:	80%	PO Balance:	\$48,289.95
Construction % Complete:	30%	Paid to Date:	\$127,676.56
Updated:	6/4/2020	Balance:	\$171,033.49
Managed By:	Tyler Gifford		
Substantial Completion:	7/31/2020		

Capital Projects Report - Facilities and Environmental Services

Local Government

Mint Springs Park Maintenance Upgrades

Project Scope

Parks and Receptions needs adequate space for their crews to maintain equipment. There will be a new facility constructed to provide a safe working environment. Small amount of office space will complement the larger bay spaces for storage and equipment maintenance work.

Project Update

The contractor is making good progress. They have completed the steel erection, installation of the siding and interior framing. As of Friday June 5th, the electrical contractor has begun the wiring of the building. The County received soils testing results from the lab, stating that the levels of arsenic and lead found in the soils are unarmful and that no further action needs to be taken on this matter.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	87%	Budget:	\$664,172.73
Design % Complete:	100%	PO Balance:	\$278,168.65
Construction % Complete:	71%	Paid to Date:	\$285,571.33
Updated:	6/8/2020	Balance:	\$100,432.75
Managed By:	Walter Harris		
Substantial Completion:	7/25/2020		

Capital Projects Report - Facilities and Environmental Services

Local Government

UST Replacement - Yancey & Old Crozet

Project Scope

Remove underground fuel storage tanks (UST's) and replace with stronger, safer tanks to ensure that fuel at County buildings will be stored safely and cleanly.

Project Update

Contractor has installed the tanks at both locations. Yancey has all piping installed and inspected. Sponsor is calling for tank to be filled. Crozet piping is schedule for the week of June 15th. Anticipate project to be complete by mid July.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	94%	Budget:	\$127,250.00
Design % Complete:	100%	PO Balance:	\$59,413.55
Construction % Complete:	70%	Paid to Date:	\$54,882.45
Updated:	6/2/2020	Balance:	\$12,954.00
Managed By:	Walter Harris		
Substantial Completion:	6/26/2020		

Capital Projects Report - Facilities and Environmental Services

NIFI

NIFI - Albemarle Jouett Greer SRTS

Project Scope

Following an extensive community-driven process, the Places29-Hydraulic Community Advisory Committee selected the Albemarle-Jouett-Greer School Pedestrian Connections as one of their priority projects. The critical need for this crosswalk was also identified in the “Safe Routes to School (SRTS) Travel Plan - Greer Elementary Jouett Middle” dated May 2012. The CAC used a portion of their NIFI allocation to leverage a VDOT Safe Routes to School grant for the design and construction of the project. Scope of work includes approximately 2015 ft of pedestrian improvements throughout the complex, including 485 ft of concrete sidewalk (8' wide); 1430 ft of multi-use trail (10' wide); and 100 ft of pedestrian crosswalks. Stormwater management for the additional impervious area will also be provided.



Project Update

The Design Team received comments from VDOT on the 100% plans on 6/10. The A/E re-submitted responses to VDOT on 6/25 to try and obtain VDOT's concurrence on all remaining comments. The A/E continues to prepare the PS&E package, with a planned submission in mid-July. FP&C Staff anticipate bidding in late August/early September.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	79%	Budget:	\$711,078.65
Design % Complete:	93%	PO Balance:	\$11,195.57
Construction % Complete:	0%	Paid to Date:	\$133,152.41
Updated:	7/2/2020	Balance:	\$566,730.67
Managed By:	Matt Wertman		
Substantial Completion:	10/6/2020		

Capital Projects Report - Facilities and Environmental Services

NIFI

NIFI - Cale SRTS

Project Scope

Following an extensive community-driven process, the 5th and Avon Community Advisory Committee selected the Cale Elementary School Crosswalk as one of their priority projects. The critical need for this crosswalk was also identified in the "Virginia School Travel Plan - Paul H. Cale Elementary" therefore the CAC used a portion of their NIFI allocation to leverage a VDOT Safe Routes to School grant for the design and construction of the project. The design includes a northern sidewalk connection to a planned Avon Street Extended sidewalk extension project and a southern sidewalk connection to the existing asphalt path on the western side of Avon Street Extended with a mid-block street crossing in front of Cale Elementary School.



Project Update

Two bids were received on 6/24 and were opened on 6/26. Both bids were approximately \$55k (11%) over budget. In addition to this, both bidders failed to submit necessary paperwork required by VDOT. Thus, VDOT has declared that both bidders are non-responsive. FP&C Staff have scheduled a meeting for 7/10 with the A/E to determine next steps.

Current Phase:	Contractor Bid	Budget Status:	Proceed as Planned
% Complete:	89%	Budget:	\$513,233.71
Design % Complete:	100%	PO Balance:	\$44,209.00
Construction % Complete:	0%	Paid to Date:	\$58,295.71
Updated:	7/2/2020	Balance:	\$410,729.00
Managed By:	Matt Wertman		
Substantial Completion:	8/16/2020		

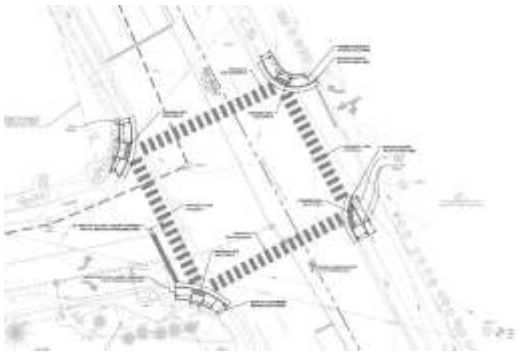
Capital Projects Report - Facilities and Environmental Services

NIFI

NIFI - Greenbrier Drive Crossing

Project Scope

Following an extensive community-driven process, the Places29-Hydraulic Community Advisory Committee selected the Greenbrier Drive - Rio Road Pedestrian Crossing as one of their priority projects. This work includes a new crosswalk, ADA curb cuts and plantings.



Project Update

Right of Way documents have been signed by both property owners; however, we are awaiting the Hardman W9 in order to release the owner payment. Once payment is finalized and Right of Way recorded with the court, NTP can be re-issued by way of no cost Change Order and project can start. PM met with representatives from VDOT, CES (contractor) and Line+Grade (A/E) to review project scope of work and discuss challenges. Deeds processed, construction starts on 7/13. Coordinating with CAPE and residents.

Current Phase:		Budget Status:	Proceed as Planned
% Complete:	0%	Budget:	\$205,535.74
Design % Complete:	100%	PO Balance:	\$150,056.33
Construction % Complete:	0%	Paid to Date:	\$43,139.91
Updated:	7/3/2020	Balance:	\$12,339.50
Managed By:	Neale Craft		
Substantial Completion:	9/30/2020		

Capital Projects Report - Facilities and Environmental Services

NIFI

NIFI - The Square

Project Scope

Following an extensive community-driven process, the Crozet Community Advisory Committee selected The Square and Oak Street Improvements as one of their priority projects. The Square is a focal point of Downtown Crozet and Oak Street will provide a critical connection to Library Avenue. Therefore the CAC used their NIFI allocation to leverage a Virginia Department of Transportation (VDOT) Revenue Sharing funds for the design and construction of the project. This locally administered Revenue Sharing project will improve the existing public street and on-street parking, including: altering traffic flow direction and/or ingress/egress at Crozet Avenue, formalizing and providing angled parking along both sides, new sidewalk in front of the businesses, improving ADA accessibility, grading/drainage improvements to prevent flooding of the businesses east of the alley intersection, and drainage system to convey storm runoff to Oak Street along with street, sidewalk and drainage improvements to Oak Street.



Project Update

FP&C Staff received the revised Library Ave. plans from the Library Ave. Design Team on 7/2 and immediately forwarded them on to the NIFI-Square design team to ensure that the plans are fully coordinated, particularly with regards to stormwater design. FP&C Staff have also scheduled a meeting with select VDOT personnel on 7/13 to discuss three critical issues related to the NIFI-Square project, including perpendicular parking on Oak Street, line of sight issues at intersections, and the cross slope design on The Square.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	32%	Budget:	\$1,511,607.81
Design % Complete:	41%	PO Balance:	\$121,828.72
Construction % Complete:	0%	Paid to Date:	\$79,400.14
Updated:	7/2/2020	Balance:	\$1,310,378.95
Managed By:	Matt Wertman		
Substantial Completion:			

Capital Projects Report - Facilities and Environmental Services

Schools

AHS HVAC & Waste Water Pumps

Project Scope

The identified equipment has outlived its useful life cycle and will be part of a large overhaul of heating and air conditioning equipment. The goal of this project is to replace boilers #1 - #5, water heater, water storage tank, chiller, waste water pumps 1-3 and associated components.

Project Update

All permits have been issued and the contractor is 90% complete with demolition activities. The COVID 19 pandemic has caused several major suppliers to shutdown plants that are producing the equipment for this project causing the air handler and switchgear to not arrive by substantial completion date. Contractor is working on a back up plan for temporary air and use of existing switchgear until new one is delivered.



Current Phase:	Construction
% Complete:	47%
Design % Complete:	100%
Construction % Complete:	27%
Updated:	6/2/2020
Managed By:	Walter Harris
Substantial Completion:	7/31/2020

Budget Status:	Proceed as Planned
Budget:	\$1,923,272.50
PO Balance:	\$1,492,687.36
Paid to Date:	\$217,382.64
Balance:	\$213,202.50

Capital Projects Report - Facilities and Environmental Services

Schools

Crozet Elementary Additions & Improvements

Project Scope

The Western County Feeder Pattern is a designated growth area in the county; additional capacity is needed to accommodate this anticipated growth. Crozet Elementary School is currently over capacity and additional students are anticipated. Additions and renovations will take place. This project includes an estimated 28,000 SF addition to the building, as well as making improvements to the existing building and site. The additions will include 16 classrooms, 3 smaller resource classrooms, 2 offices, a faculty workroom, and various support spaces. Improvements to the existing building will include improvements to existing classrooms, improvements to the kitchen, stage and cafeteria, and improvements to existing administration, support spaces, and toilets. Site improvements will include outdoor learning areas, new and expanded bus drop-off, additional parking, additional playground equipment, and the replacement of a paved play area due to the likely location of the addition.



Project Update

The Design Committee continues to meet on a bi-weekly basis. The School Board met on June 11 to vote on the schematic design. After hearing some concerns raised by adjacent property owners regarding the proximity of the proposed addition to a stream buffer on the property, the School Board delayed its vote. FP&C and ACPS staff met with adjacent property owners on June 23 to hear their concerns. In response to these concerns, a few modifications were made to the design, including shifting the addition so that the addition and all hardscape features are wholly outside the 100' stream buffer that exists on the southern end of the property. In addition to this, the team also received its initial cost estimate that was approximately 20% over budget. It is not uncommon to see high cost estimates with the first cost estimate on a project. The Design Committee has already held several meetings and have been able to make changes in the design and eliminate portions of the scope in order to bring the project back within budget. The School Board will be taking up the Schematic Design at its July 9 meeting. Rates have been negotiated with the two VE firms. FP&C Staff are coordinating with the Purchasing Department on executing the contracts.

Current Phase:	Design	Budget Status:	Proceed through Design Only
% Complete:	14%	Budget:	\$1,200,000.00
Design % Complete:	45%	PO Balance:	\$1,044,752.30
Construction % Complete:	0%	Paid to Date:	\$108,033.42
Updated:	7/2/2020	Balance:	\$47,214.28
Managed By:	Matt Wertman		
Substantial Completion:	7/25/2022		

Capital Projects Report - Facilities and Environmental Services Schools

Electrical Upgrades-Jouett, Burley, Henley

Project Scope

Electrical panels at Burley, Henley and Jouett are original to the building and antiquated. The switchgear at Jouett is also original to the school and antiquated. Panels and switchgear need to be replaced to improve the overall stability and health of the various electrical systems.

Project Update

Pre-construction meeting was held on May 6, 2020. Ebenezer Electric on site beginning June 8, 2020 to begin construction. Permits have been applied for and are awaiting approval. Ebenezer will replace Main Distribution Panel and all Sub Panels at each school by July 31,2020. Due to lead time of switchgear at Jouett, contractors will return to install at a later date.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	50%	Budget:	\$426,830.10
Design % Complete:	100%	PO Balance:	\$381,140.00
Construction % Complete:	0%	Paid to Date:	\$27,190.00
Updated:	6/2/2020	Balance:	\$18,500.10
Managed By:	Drake Giles		
Substantial Completion:	7/31/2020		

Capital Projects Report - Facilities and Environmental Services

Schools

Food Service Equipment - Henley, Jouett, Brownsville

Project Scope

Select Food Service equipment at Brownsville, Jouett and Henley has reached the end of useful lifecycle. Brownsville: kitchen hood and ceiling. Jouett and Henley: existing walk-in coolers are going to be replaced with more efficient units.

Project Update

Harrisonburg construction is on site and demolition is in progress at each school. At Brownsville the dishwash station and counters have been removed. Removal of the kitchen ceiling and hood are underway with 50% of it completed. The existing food in the freezers at Henley and Jouett was removed on June 2nd and electricians started on site the following day to disconnect the electric. After disconnection of electric, demolition of existing cooler will take place.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	55%	Budget:	\$674,188.00
Design % Complete:	100%	PO Balance:	\$603,950.20
Construction % Complete:	10%	Paid to Date:	\$51,190.30
Updated:	6/2/2020	Balance:	\$19,047.50
Managed By:	Drake Giles		
Substantial Completion:	7/31/2020		

Capital Projects Report - Facilities and Environmental Services

Schools

Henley Backup Generator

Project Scope

New backup generator will provide power to life safety systems, including corridor lights, exit doors, bathrooms and rooms with no windows. Kitchen equipment (freezers and coolers) as well as IT equipment will also be on the new generator.

Project Update

Contractor applied for building permit on 5/4. Building Permit was issued 6/2 and contractor began work 6/3. Submittals have been reviewed and generator ordered. Generator delivery scheduled for 7/24. Pre-con meeting held and meeting minutes issued. PM met with school principal and reviewed contractor scope of work, COVID-19 policy and contractor requirements and strategies for avoiding conflicts with staff and custodial work.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	77%	Budget:	\$198,000.00
Design % Complete:	0%	PO Balance:	\$197,325.00
Construction % Complete:	0%	Paid to Date:	\$11,100.00
Updated:	6/2/2020	Balance:	\$7,075.00
Managed By:	Neale Craft		
Substantial Completion:	7/31/2020		

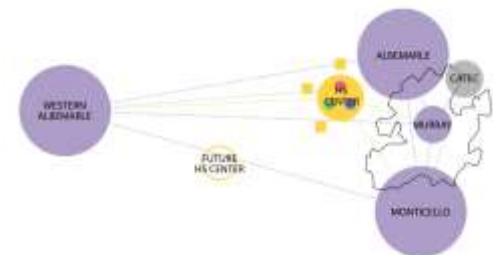
Capital Projects Report - Facilities and Environmental Services

Schools

High School Center 2

Project Scope

In August 2016, Albemarle County Public Schools (ACPS) launched High School 2022, a district-wide initiative to design, refine and deliver the future of high school. This project is part of the proposed solutions that were included in High School 2022 and as such, is intended to alleviate the congestion in the ACPS's four existing high schools. The project includes the construction of a new facility or the renovation/addition of an existing building to achieve a new ~60,000 SF school that can accommodate 400 high school students on a daily basis. The school is projected to open during the 2022/23 school year.



Project Update

The Planning Commission voted 7-0 at its June 23rd meeting to approve the 2232 Comprehensive Plan Compliance Review. Plans were sent to the cost estimator for review on 6/30 and are expected to be returned the week of July 13. In mid-May, ACPS Staff and the Design Committee decided to delay the design process and opening of the HSC II facility. The new schedule will include community engagement efforts in early fall, a Schematic Design presentation to the School Board in late September, and bidding in May 2021. This would mean substantial completion would be in March/April 2023 for a soft opening, as opposed to the original August 2022 substantial completion date. The Design Committee is still meeting on a monthly basis to further develop the schematic design plans.

Current Phase:	Design	Budget Status:	Proceed through Design Only
% Complete:	25%	Budget:	\$18,889,000.00
Design % Complete:	44%	PO Balance:	\$1,806,775.95
Construction % Complete:	0%	Paid to Date:	\$86,427.52
Updated:	7/2/2020	Balance:	\$16,995,796.50
Managed By:	Matt Wertman		
Substantial Completion:			

Capital Projects Report - Facilities and Environmental Services Schools

Red Hill Gym Addition and Improvements

Project Scope

This project is necessary for increased functionality of school operations, as well as for parity. The addition would add 6,300 square feet, comprised of a new gymnasium and support spaces such as staff offices and storage space. The current gym at Red Hill would be renovated, converting it to classroom space. Site work would include additional parking, site improvements, and outdoor learning areas. Existing spaces to be renovated include the cafeteria, bathrooms, hallways, and kitchen equipment.

Project Update

Site Plan approval was received. Planning engineering preconstruction meeting. Site Walk Through with contractor Virtexco took place on 6/26. Owner's meeting was held on 6/30 and new classroom trailer was delivered on 6/29.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	50%	Budget:	\$5,050,000.00
Design % Complete:	100%	PO Balance:	\$121,017.00
Construction % Complete:	2%	Paid to Date:	\$351,603.49
Updated:	7/3/2020	Balance:	\$4,577,379.51
Managed By:	Tyler Gifford		
Substantial Completion:	8/31/2021		

Capital Projects Report - Facilities and Environmental Services

Schools

Schools Summer Roofing Projects 2020

Project Scope

These roofs are beyond their warranty lives and starting to fail. Roof replacements generally follow the recommendations for replacement schedule set forth in our roof consultants roof report. Projects for summer of 2020 include: AHS - Front Hall and Lobby; Walton - Original Building part 2; Woodbrook - Main Building and '97 addition; 124,022 sf of roof.

Project Update

Albemarle High School (AHS) - Notice To Proceed was issued to Whitley Services Roofing on 5/19/20 with a Pre-construction Meeting held the same day. With all Submittals approved, mobilization began on 5/19 with delivery of materials and roof safety layout over the course of the week. Tear off of roof started 5/26. First progress meeting was held 6/2. Roof is currently 16% complete with 3,844sf of 23,736sf under new roof and schedule is "on Target".

Woodbrook Elementary School (WDB) - Notice to Proceed was issued to WA Lynch Roofing on 5/21/20 with a Pre-Construction meeting held on 5/28. With all Submittals approved, Mobilization began on 5/28 with materials being delivered to the site on 5/29. Tear off of roof started on 5/30. First progress meeting was held 6/2. Roof is currently over 3% complete with 1,626sf of 50,510sf under new roof and schedule is "on Target".

Walton Middle School (WAL) - Notice to Proceed was issued to Roof Systems of VA on 5/28/20 with a pre-construction meeting tentatively planned for 6/9. Majority of submittals are now approved with material delivery slated for 6/11 and a tear off start date of 6/12.

This summer's Roof Projects schedules were all impacted by the school closures with all three contractors asking for an early start. All three projects have the same Substantial completion date of 7/31/20, which has not changed from the original contract dates, but all had different start dates due to the responsiveness of the contractor during contract execution. The AHS project was able to add close to 3 weeks to its schedule. The AHS and WDB projects will have a "zero-dollar" Change Order executed to account for this additional time.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	66%	Budget:	\$2,459,622.00
Design % Complete:	100%	PO Balance:	\$56,449.00
Construction % Complete:	8%	Paid to Date:	\$126,068.00
Updated:	6/3/2020	Balance:	\$2,277,105.00
Managed By:	Steve Hoffmann		
Substantial Completion:	7/31/2020		

Capital Projects Report - Facilities and Environmental Services

Schools

Scottsville Elementary Classroom Addition & Gym 2019

Project Scope

The closing of Yancey ES added to the population of Scottsville Elementary School, requiring additional classroom learning space. This project will include a new gym, classroom addition and renovations in much of the school. The project will add 17,500 sf to the building as well as make improvements to the existing building and site. The additions will include 4 additional classrooms, 2 smaller resource classrooms, 2 offices, a gang bathroom, and a full-size gym. Improvements to the existing building will include repurposing the current gym into instructional space and other modernizations and renovations throughout the building to improve space for both students and staff. Exact scope of renovations will be determined during the design process and as budget allows. Site improvements will include outdoor learning areas and a septic system replacement.



Project Update

Contractor completed demolition. All permits were received and non-demolition construction work commenced.

Current Phase:		Budget Status:	Proceed as Planned
% Complete:	57%	Budget:	\$12,200,000.00
Design % Complete:	100%	PO Balance:	\$8,368,568.39
Construction % Complete:	6%	Paid to Date:	\$652,353.91
Updated:	7/3/2020	Balance:	\$3,179,077.70
Managed By:	Walter Harris		
Substantial Completion:	8/2/2021		

Capital Projects Report - Facilities and Environmental Services

Schools

VMF Office RTU's and VAV and Controls

Project Scope

Scope of work includes replacement of heating and air conditioning equipment serving office areas of the ACPS Vehicle Maintenance Facility.

Project Update

Mechanical connections to HVAC cassettes is underway (75% complete).

Electrical wiring of (owner-furnished lights) has been completed on 1st floor.

Installation of lights is pending on the 2nd floor (after new ceiling grid is installed); however, associated electrical wiring is underway (90%).

Work continues on the electrical and mechanical connections to the outside, pad-mounted outdoor unit (50% complete).

The roof-mounted outdoor unit has been set in place.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	85%	Budget:	\$501,854.20
Design % Complete:	100%	PO Balance:	\$449,889.00
Construction % Complete:	65%	Paid to Date:	\$29,919.23
Updated:	7/2/2020	Balance:	\$22,045.97
Managed By:	Montie Breeden		
Substantial Completion:	7/31/2020		

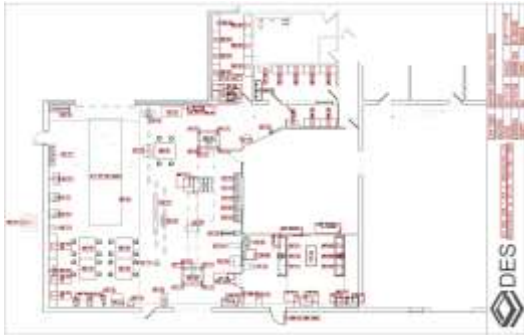
Capital Projects Report - Facilities and Environmental Services

Schools

WAHS Wood Shop

Project Scope

This project is a Phase II continuation of the WAHS – Science Addition & Modernization project that renovates the fabrication portion of the shop classroom. The Phase I work, completed in Summer '19, renovated the design portion of the shop classroom. The renovation will address code deficiencies, provide 1-hour fire-walls at the hot-work area of the space, upgrade the dust collection system, renovate M/E/P systems and replace architectural finishes.



Project Update

Contractor mobilized at the jobsite on 07-01-02 and commenced with electrical investigation / demolition.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	45%	Budget:	\$235,000.00
Design % Complete:	100%	PO Balance:	\$0.00
Construction % Complete:	2%	Paid to Date:	\$66.06
Updated:	7/2/2020	Balance:	\$234,933.94
Managed By:	Montie Breedon		
Substantial Completion:	7/31/2020		

Capital Projects Report - Facilities and Environmental Services

Schools

Walton HVAC Upgrades

Project Scope

Select heating & air conditioning equipment at Walton Middle School has reached the end of useful lifecycle and needs to be replaced with equipment that provides more efficient heating/cooling, access to replacement parts and better control over temperatures in different zones. Equipment: chiller, cooling tower, misc. equipment in office and Technology Labs

Project Update

Demolition at the site has been completed and construction is underway. In the office area all sixteen of the Variable Refrigerant Flow Cassettes and both Branch Boxes have been installed. Refrigerant and condensate piping is at 95% complete and WACO has started to test the system for leaks. Curbing installations and roof penetrations are being coordinated with roofing contractor. In the mechanical room, Waco has installed the chilled water pumps and are complete with the chilled water piping on the interior of building. Concrete pad construction is underway for the chiller and pipe supports. When pads are completed chilled water piping on exterior of building will be completed and new fence will be installed. Due to lead time of chiller, Waco will install bypass valves to allow for use of a temporary chiller. Anticipate completion of all work except chiller by the first week of July.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	65%	Budget:	\$877,844.75
Design % Complete:	100%	PO Balance:	\$733,670.50
Construction % Complete:	60%	Paid to Date:	\$73,547.00
Updated:	6/2/2020	Balance:	\$70,627.25
Managed By:	Drake Giles		
Substantial Completion:	7/31/2020		

Capital Projects Report - Facilities and Environmental Services

Transportation

Berkmar Bike Ped Improvements

Project Scope

This project will support pedestrian and bicyclist safety by constructing an approximately 0.8 mile long Shared-use Path from just south of Woodbrook Drive to Hilton Heights Road and connect to the Shared-Use Path extending northward from the Berkmar Drive-Hilton Heights Road roundabout.

Project Update

Task Orders for the A. Morton Thomas and Associates (AMT) on-call contract have been prepared for the Segment #1 (Quality of Life funds) project and the Segment #2 (Revenue Sharing funds) project and submitted to Purchasing for processing and approval.

Current Phase:	Initiation	Budget Status:	Proceed as Planned
% Complete:	0%	Budget:	\$2,690,026.00
Design % Complete:	0%	PO Balance:	
Construction % Complete:	0%	Paid to Date:	
Updated:	7/2/2020	Balance:	\$2,690,026.00
Managed By:	Jack Kelsey		
Substantial Completion:			

Capital Projects Report - Facilities and Environmental Services

Transportation

Eastern Avenue Preliminary Study

Project Scope

This project will provide a location study and the design of preliminary plans for approximately 3,000 linear feet of roadway and a bridge crossing over Lickinghole Creek. It will include the evaluation and recommendation of a preferred alignment and bridge crossing, development of the conceptual design for the roadway and bridge, an engineer's opinion of probable construction cost to support Albemarle County request for funding, as well as environmental and traffic engineering analysis.

Project Update

The aerial survey, digital data and collection of existing studies has been completed. Notifications have been sent to property owners and the survey fieldwork, wetland delineation and field assessments will begin after June 30th. Work on the traffic analysis, environmental documentation review and location have continued to progress. The Preliminary Design and Location Study will still be completed by February 1, 2021. This will assure the County is prepared for the Revenue Sharing pre-application submittal in the event VDOT moves the submittal date to March 1, 2021 to be consistent with their Smart Scale funding applications.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	30%	Budget:	\$275,000.00
Design % Complete:	30%	PO Balance:	\$268,129.58
Construction % Complete:	0%	Paid to Date:	\$2,263.12
Updated:	7/2/2020	Balance:	\$5,607.30
Managed By:	Jack Kelsey		
Substantial Completion:	2/1/2021		

Capital Projects Report - Facilities and Environmental Services

Transportation

Sidewalk - Commonwealth/Dominion

Project Scope

Design and construct approximately 6,450 feet of sidewalk on Commonwealth Drive from Hydraulic Road to Peyton Drive (east side); Commonwealth Drive from Commonwealth Circle to Dominion Drive (both sides); and along Dominion Drive from Commonwealth Drive to US 29 (both sides). Funded through the Revenue Sharing and Transportation Alternatives Programs grant applications administered by Virginia Department of Transportation (VDOT). Initial planning including VDOT related submissions represent a large portion of the up-front work. There are approximately 100 easements or temporary easements required for this project.



Project Update

The aerial and ground survey, and the utility survey & designations have been completed. After review of the conceptual exhibits and property impacts summary, the Transportation Program Progress Team (TPPT) requested additional options be considered. These additional exhibits and impact summaries have been received and distributed to the TPPT for review and discussion. Schedule for the Neighborhood Kick-off meeting will be discussed once the impact of the concepts are understood. Anticipate 30% Plans will be submitted about 6 weeks after a neighborhood kick-off meeting is conducted. At that time right-of-way impacts & schedule will better defined.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	27%	Budget:	\$3,336,224.00
Design % Complete:	22%	PO Balance:	\$385,540.78
Construction % Complete:	0%	Paid to Date:	\$123,133.63
Updated:	7/3/2020	Balance:	\$2,827,549.59
Managed By:	Jack Kelsey		
Substantial Completion:	5/10/2023		

Capital Projects Report - Facilities and Environmental Services

Transportation

Sidewalk - Ivy Road

Project Scope

This 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 University of Virginia 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; bike lane facilities, curb & gutter, storm drainage system improvements; and consideration for possible street trees and pedestrian lighting. Complicated right-of-way acquisitions are a challenge on this project.



Project Update

Kimley-Horn (design consultant) is making final bid document preparations. A final settlement has been negotiated with St. Anne's-Belfield School. Staff met with the Interim Director of Operations and Interim Chief Financial Officer to bring them up to speed on negotiations and discussions to date, and discussed our response to their concerns for access during construction activity. Staff is awaiting the school's response to the proposed resolutions. County, Albemarle County Service Authority and UVa attorneys are working to resolve differences in the deed language for the easements being provided by UVa.

Current Phase:	Right of Way	Budget Status:	Proceed as Planned
% Complete:	90%	Budget:	\$2,569,814.25
Design % Complete:	98%	PO Balance:	\$29,308.88
Construction % Complete:	0%	Paid to Date:	\$825,680.12
Updated:	7/3/2020	Balance:	\$1,714,825.25
Managed By:	Jack Kelsey		
Substantial Completion:	11/16/2020		

Capital Projects Report - Facilities and Environmental Services

Transportation

Sidewalk - Rio Road, Avon Street & Rt. 250 West-Crozet

Project Scope

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 sidewalks 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.



Project Update

Final Plans will be submitted to VDOT the week of July 6th for final review. The Final Cost Estimate is also being prepared and will be submitted to VDOT after staff review. The Lakeside deeds have been recorded, the ACSA deed is waiting to be signed by their Director, and the re-signature of the Parcel 04 deed is being coordinated. Staff will be reaching out to the Dunlora Park Phase II developer regarding coordination of the sidewalk construction shown on their approved site plan.

Current Phase:	Right of Way	Budget Status:	Proceed as Planned
% Complete:	89%	Budget:	\$3,905,208.72
Design % Complete:	95%	PO Balance:	\$278,577.35
Construction % Complete:	0%	Paid to Date:	\$865,563.40
Updated:	7/3/2020	Balance:	\$2,761,067.97
Managed By:	Jack Kelsey		
Substantial Completion:	2/19/2021		