

FES Quarterly Report – Fall 2020

Facilities & Environmental Services Department, Albemarle County

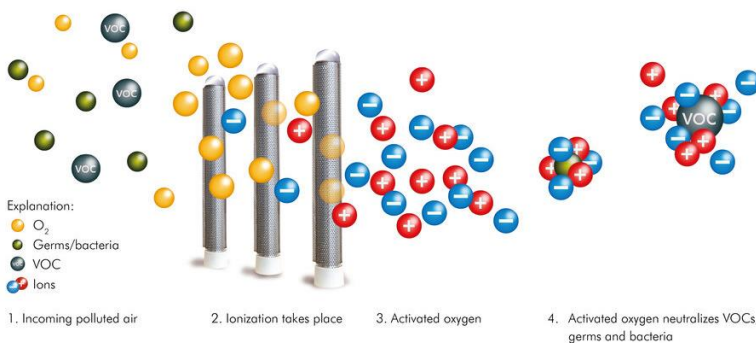


Top of the News

Indoor Air Quality Projects

Following up on the success of a similar project at COB-5th Street, staff has initiated a project to improve air quality in many of our County buildings. HVAC systems at COB-McIntire, Court Square, and the Northside, Crozet, and Scottsville libraries will be supplemented by equipment utilizing *bipolar air ionization* technology.

What is bipolar air ionization? This technology uses an electronic charge to create a high concentration of positive and negative ions in a building's air handlers to safely clean the air and improve indoor air quality – which has been in the spotlight since the COVID-19 outbreak. This technology breaks down carbon dioxide, and neutralizes harmful germs, viruses, and organic chemicals like the fumes emitted from paint and plastics. The activated oxygen ions travel in the airstream to all spaces within a building.



In addition to air quality, this technology is proven to enhance the efficiency of a building's HVAC systems, **reducing utility consumption and greenhouse gas emissions**.

The project budget of \$275,000 will be reimbursed with CARES CRF funds. Work is in progress now and will be completed by the end of the calendar year.



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Capital Projects Report

Detailed capital projects scope and updates



Capital Project Highlights

Facilities and Environmental Services currently has 32 active capital improvement projects throughout the County. A few projects recently completed include:

Mint Springs Valley Park Maintenance Facility - The existing maintenance facility at Mint Springs Valley Park was dilapidated. After careful evaluation of the current shop, it was determined that building a new facility would improve efficiency and reduce the cost and frequency of repairs. Construction was recently completed of a new 1500 Sq. ft. maintenance facility, which includes a 2-bay garage, office, bathroom, attached covered maintenance equipment storage area, septic field, power and well.



Underground Storage Tanks Replaced at Yancey and Old Crozet School - The existing underground fuel storage tanks located at the Yancey Community Center and the Old Crozet School had reached the end of their useful lifecycle. The tanks were drained, cleaned, removed and properly disposed of. New tanks were installed above ground, so that can be visibly inspected and maintained to eliminate the possibility of unknown fuel leaks contaminating surrounding soils and waterways. All monitoring equipment was upgraded to ensure accurate records could be maintained for Virginia Department of Environmental Quality inspections.



Ivy Creek Natural Area Tenant House Roof and Farmhouse Repairs - Wear and tear over time has resulted in needed structural and building envelope repairs to the historic farmhouse at Ivy Creek Natural Area, once part of the River View Farm. River View Farm is a rare surviving example of the Union Ridge/Hydraulic Mills community of African American farmers, pastors, craftspeople, and businessmen that flourished in the region beginning in the final quarter of the nineteenth century. The site is on the Virginia Landmark Registry of the Virginia Department of Historic Resources.



Staff worked closely with the Ivy Creek Foundation and Albemarle County's Parks & Recreation Department to produce a design to ensure the improvements were consistent with the historical nature of the farmhouse. Construction took place in the spring and summer of 2020.

Concurrent with construction, a Future Improvements Study was conducted. This document contains additional capital needs, not addressed during the recent construction, and a recommendation for future building uses.

NIFI Projects Updates (Neighborhood Improvement Funding Initiative)

Rio Road/Greenbrier Drive Pedestrian Safety - Although improvements have been made along Rio Road, the lack of a protected pedestrian crossing at the intersection of Rio Road and Greenbrier Drive has been a concern for residents of the area. To achieve the goals of the Board of Supervisors and Places29-Rio Community Advisory Committee, an engineering firm was hired to study the intersection and make recommendations for improvements. Since the work takes place in a state right of way, the County has worked hand in hand with VDOT on the design and execution of this project.



Construction started in June of 2020, adding underground conduit and wiring to the feed new pedestrian crossing notification signal poles. New sidewalks with ADA walk off notification mats were installed on all 4 corners of the intersection, as well as concrete bases for the pedestrian signal poles. The contractor started the new pedestrian crossing poles the week of 9/21/2020. Once the crossing signals are installed and operational, the crosswalk markings can be completed, and traffic cameras will be installed on the stop light mast arm. Crosswalk markings will be painted to connect the four corners of the intersection. One of many challenges we faced during construction were the lane closures required to complete the work. Rio Rd. is heavily traveled, and lane closures are limited to non-rush hour traffic periods. The required substantial completion date of this project is 11/10/2020; however, the contractor is well ahead of schedule and should complete this project early.

Rivanna Greenway Trail Stabilization - To the west of the Rivanna River Greenway Trail there are several drainage swales and culverts that drain across the Glenmore Golf Course and underneath the trail. Over the years, the Rivanna River has dropped in elevation, becoming more disconnected from the adjacent floodplain and creating areas of vertical degradation where they converge with the Rivanna River. As a result, portions of the Greenway Trail had become eroded to point that sections of the trail became undermined and posed a safety hazard to trail users. The Village of Rivanna Community Advisory Committee selected this problem as its top priority for an investment of funds through the NIFI program.

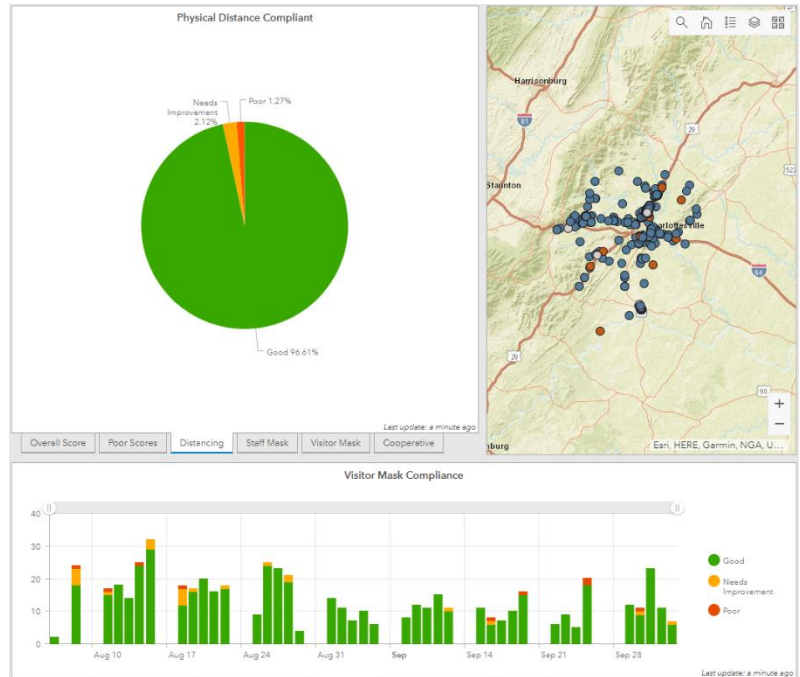


The intent of the project was to make necessary repairs to re-open the trail and to prevent future erosion. An engineering firm was engaged to create formal drawings and specifications. Following completion of the construction, native plantings were installed along the edges of the trail to further stabilize the river bank.

COVID-19 Ambassador Program Application

In response to the unprecedented pandemic conditions this year, FES has been integrally involved in a program to send COVID 19 Ambassadors to engage and educate businesses regarding state and local guidelines and best practices to ensure their staff and customers are as safe as possible.

With less than two weeks to prepare for the launch of the program, FES was able to use internal resources to develop a database and series of web-based applications (apps) to facilitate the dispatch of Ambassadors and subsequent data collection. Using ESRI GIS software, staff created customized data collection forms for guided and accurate data collection. All data collected was routed directly into a database and then into a dashboard for quick analysis and review. Using these tools Ambassadors have been able to visit over 700 businesses since the start of the program.



Love Your Watershed Campaign

For well over a decade, Albemarle County has been a member of the Rivanna Stormwater Education Partnership (RSEP). By teaming up with stormwater management staff from UVA, the City of Charlottesville, Thomas Jefferson Soil and Water Conservation District and other local agencies, we have been able to pool our resources and inspire our community to reduce stormwater pollution and protect our local waterways. The Partnership has used outreach tools such as bus ads, snippets during movie theater previews, radio PSAs, prints in Cville Weekly, and utility bill inserts.

Luckily, RSEP's latest endeavor, has worked seamlessly with the online, "virtual" nature of communication during the coronavirus pandemic. After many months of revamping its website and creating a beautiful StoryMap about the Rivanna River Watershed, the Partnership unveiled the ["Love your Watershed" campaign](#) in late May. The purpose of the campaign is to promote pride in and care for the Rivanna River's watershed (the area that drains to the river). The main campaign webpage includes interactive activities and educational videos especially suited for individuals and families who may be spending more time at home than they are used to. Staff at the Rivanna Conservation Alliance developed many of the activities and graphics for the website, and created messages for each of the partnering agencies to send out on their respective social media platforms during the 2-week #LoveYourWatershed launch. Working with staff in our CAPE office, the County sent out messages on Instagram, Facebook, and A-Mail that collectively reached thousands of local residents.



It is the Partnership's goal that you will start seeing the "Love Your Watershed" name and logo pop up more and more often in our community, to serve as a common identifier of water-friendly activities and ideas. By organizing around this simple theme, the various organizations in RSEP can provide a clear and cohesive approach to watershed and stormwater outreach. These days many folks are spending far more time exploring local streams and rivers than they ever did before. In this way, it is the perfect time to spread the love!

If you would like a sticker(s) to help promote the campaign, contact Laurel Williamson (lwilliamson2@albemarle.org) in the Environmental Services Division.

South Fork of the Rivanna River Water Quality Study

Albemarle County staff have been working with the Virginia Department of Environmental Quality (DEQ) to develop a total maximum daily load (TMDL) for the South Fork of the Rivanna River. Once the TMDL is formalized, expected in late 2021 or 2022, the County's MS4 permit will require additional measures to reduce the amount of pollution reaching the stream and its tributaries. These measures would likely include the construction of stormwater capital projects such as stream restorations or stormwater retrofits. The watershed of this impaired section of the river includes the Hollymead Area, Crozet, and much of the County's rural area.

County staff are currently assisting DEQ in completion of a "stressor analysis" to determine which pollutants are causing the impairment and the extent of pollution reduction required to restore the health of the South Fork Rivanna River. The cause of the impairment has not yet been definitively identified, but the most likely cause is excessive sediment washing into streams from the landscape and from streambanks. DEQ is required to develop this TMDL because water quality testing has shown that the South Fork Rivanna River has been impaired in its ability to support aquatic life since 2010, when it was placed on the Environmental Protection Agency's 303(d) list of impaired waters.

New Collaborative Work with UVA Faculty and Students

Staff have recently been working with UVA faculty and students to address several environmental needs.

Firstly, the City of Charlottesville, County of Albemarle, and University of Virginia are jointly participating in a [Forest & Trees Carbon Accounting Training Cohort](#) program. This structured technical assistance program will guide us through the process of assessing both the *emissions* and *removal* of carbon through forestry and urban tree management based on the U.S. Community Protocol for Greenhouse Gas Emissions Inventories. This is the first such effort undertaken by our organizations and participating together will allow us to compare data results regionally as well as individually. Training began in September of 2020.

Additionally, staff has begun working with the UVA Office of Sustainability and the Environmental Sciences Department to develop a community-scale nitrogen footprint. The Nitrogen Footprint Tool was developed by UVA to account for community-scale reactive nitrogen in the atmosphere resulting from energy use, transportation and food consumption. This information will complement the latest Greenhouse Gas Inventory the County is developing.

Lastly, water resources management staff are working with UVA Civil and Environmental Engineering faculty and students to prepare a flood model for a pilot urban watershed. The purpose of the model is to better understand current flood risk in the watershed and to assist in subsequent County decision-making regarding future capital projects. An early element of the project involves installing flow monitoring equipment in key locations in order to calibrate the model.

Planters at Rio Road & Route 29 Interchange Flourishing

Since their installation over three years ago, trying to establish vegetation in the planters at the Rio Road/Rt 29 interchange has been problematic. This has been frustrating for citizens as well as staff, since responsibility for their continued maintenance would shift from VDOT to the County in June 2020. Approximately a year ago VDOT initiated an investigation into the problem and discovered the planters did not have adequate drain holes. Working with County staff, a remediation plan was developed. At State expense VDOT would empty the planters and drill drain holes, refill with planting medium specified by County staff, and plant native species from a County developed plant list and design.



The results are amazing. We expect to see a spectacular display over the course of the next few years as the plants mature and fill in. The County has taken over responsibility for the maintenance of the planters that entails monthly weeding and watering as needed. Once established, the need for watering will diminish, but will not end. We anticipate watering up to twice a week during the dry summer months.

Department Spotlight

Copy Center

Recently the FES Copy Center compiled and completed a major project for Voter Registration. Due to the threat of COVID 19 and the passing of several bills in the General Assembly aimed at making voting in Virginia easier, a mailing for the upcoming Presidential election was prepared including envelopes, inserts, instructions and signage which has kept the Copy Center busy since before July.

136,000 envelopes and over 36,000 inserts and instructions were printed to support this urgent

community need. The Copy Center has also designed and printed traffic directional signage and large informational posters for the early voting location at the County Office Building at 5th Street. Three months into FY21, the Copy Center has run approximately 237,000 items for Voter Registration, a sharp increase from the 25,450 printed during the same timeframe in FY20.



The copy center offers printing and mailing services to local government departments and schools throughout the County. To get specific information on capabilities or order printing, please contact copycenter@albemarle.org.



Local Government

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Biscuit Run Phase 1a	Scottsville	Design	20%	\$2,171,702
COB 5th Street Chiller	Scottsville	Design	45%	\$374,792
Courts Complex Addition & Renovation	NA	Design	13%	\$5,822,136
Ionization Projects (COBM, Libraries and Court)	Multiple	Construction	20%	\$269,669
Local Government HVAC Improvement	Multiple	Closeout	90%	\$347,000
Total:				\$8,985,299

NIFI

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
NIFI - Albemarle Jouett Greer SRTS	Jack Jouett	Design	82%	\$710,000
NIFI - Greenbrier Drive Crossing	Rio	Construction	90%	\$200,000
NIFI - Mountain View SRTS	Scottsville	Contractor Bid	89%	\$597,094
NIFI - The Square	White Hall	Design	32%	\$1,510,000
Total:				\$3,017,094

Schools

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
AHS HVAC & Waste Water Pumps	Jack Jouett	Construction	96%	\$1,923,273
Crozet Elementary Additions & Improvements	White Hall	Design	22%	\$1,260,000
Electrical Upgrades-Jouett, Burley, Henley	Jack Jouett	Construction	60%	\$446,706
Food Service Equipment - Henley, Jouett, Brownsville	Multiple	Construction	99%	\$674,188
Henley Backup Generator	White Hall	Closeout	99%	\$215,500
High School Center 2	NA	Design	25%	\$2,960,000
Learning Space Modernization of FY20 JOU, Wal	Multiple	Construction	99%	\$442,000
Red Hill Gym Addition and Improvements	Samuel Miller	Construction	65%	\$6,219,748
Schools Summer Roofing Projects 2020	Multiple	Construction	99%	\$2,459,622

Schools

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Scottsville Elementary Classroom Addition & Gym 2019	Scottsville	Construction	52%	\$11,280,252
WAHS Wood Shop	White Hall	Construction	97%	\$300,000
Walton HVAC Upgrades	Samuel Miller	Construction	95%	\$877,845
			Total:	\$29,059,133

Transportation

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Berkmar Bike Ped Improvements	Rio	Design	5%	\$2,890,026
Eastern Avenue Preliminary Study	White Hall	Design	45%	\$275,000
Sidewalk - Commonwealth/Dominion	Jack Jouett	Design	27%	\$3,336,224
Sidewalk - Ivy Road	Multiple	Design	92%	\$2,478,000
Sidewalk - Rio Road, Avon Street & Rt. 250 West-Crozet	Multiple	Design	92%	\$3,905,209
			Total:	\$12,884,459
				\$53,945,985

Summary - Active Capital Projects

Thursday, October 8, 2020

11:10:05 AM

Jack Jouett

Project Name	Project Type	ProjectPhase	% Complete	Budget
NIFI - Albemarle Jouett Greer SRTS	NIFI	Design	82%	\$710,000
AHS HVAC & Waste Water Pumps	Schools	Construction	96%	\$1,923,273
Electrical Upgrades-Jouett, Burley, Henley	Schools	Construction	60%	\$446,706
Sidewalk - Commonwealth/Dominion	Transportation	Design	27%	\$3,336,224
Total:				\$6,416,203

Rio

Project Name	Project Type	ProjectPhase	% Complete	Budget
NIFI - Greenbrier Drive Crossing	NIFI	Construction	90%	\$200,000
Berkmar Bike Ped Improvements	Transportation	Design	5%	\$2,890,026
Total:				\$3,090,026

Samuel Miller

Project Name	Project Type	ProjectPhase	% Complete	Budget
Red Hill Gym Addition and Improvements	Schools	Construction	65%	\$6,219,748
Walton HVAC Upgrades	Schools	Construction	95%	\$877,845
Total:				\$7,097,593

Scottsville

Project Name	Project Type	ProjectPhase	% Complete	Budget
Biscuit Run Phase 1a	Local Government	Design	20%	\$2,171,702
COB 5th Street Chiller	Local Government	Design	45%	\$374,792
NIFI - Mountain View SRTS	NIFI	Contractor Bid	89%	\$597,094
Scottsville Elementary Classroom Addition & Gym 2019	Schools	Construction	52%	\$11,280,252
Total:				\$14,423,840

White Hall

Project Name	Project Type	ProjectPhase	% Complete	Budget
NIFI - The Square	NIFI	Design	32%	\$1,510,000
Crozet Elementary Additions & Improvements	Schools	Design	22%	\$1,260,000
Henley Backup Generator	Schools	Closeout	99%	\$215,500
WAHS Wood Shop	Schools	Construction	97%	\$300,000
Eastern Avenue Preliminary Study	Transportation	Design	45%	\$275,000

Total: \$3,560,500

Multiple

Project Name	Project Type	ProjectPhase	% Complete	Budget
Ionization Projects (COBM, Libraries and Court)	Local Government	Construction	20%	\$269,669
Local Government HVAC Improvement	Local Government	Closeout	90%	\$347,000
Food Service Equipment - Henley, Jouett, Brownsville	Schools	Construction	99%	\$674,188
Learning Space Modernization of FY20 JOU, Wal	Schools	Construction	99%	\$442,000
Schools Summer Roofing Projects 2020	Schools	Construction	99%	\$2,459,622
Sidewalk - Ivy Road	Transportation	Design	92%	\$2,478,000
Sidewalk - Rio Road, Avon Street & Rt. 250 West-Crozet	Transportation	Design	92%	\$3,905,209

Total: \$10,575,687

NA

Project Name	Project Type	ProjectPhase	% Complete	Budget
Courts Complex Addition & Renovation	Local Government	Design	13%	\$5,822,136
High School Center 2	Schools	Design	25%	\$2,960,000

Total: \$8,782,136

\$53,945,985

Capital Projects Report - Facilities and Environmental Services

Local Government

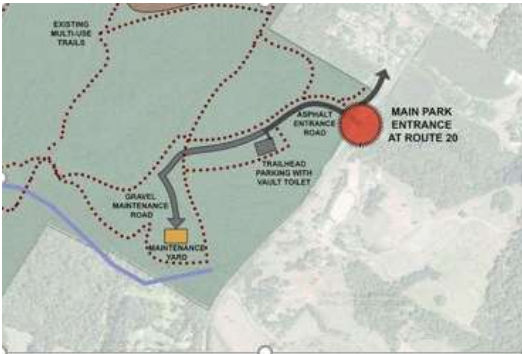
Biscuit Run Phase 1a

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

AE presented preliminary drawings and cost estimate to Parks and Rec on 9/25. AE discussed requirements from VDOT and described the new commercial entrance as a vegetative clearing exercise. AE is currently working on the elevation sections for the entrance and cut and fill analysis of the site. AE has submitted the preliminary drawings to VDOT for comment - once we have comments back we can submit our revisions to the Virginia Department of Conservation and Recreation for approvals. At this time a new traffic study will not be required and the AE is studying the impact of the new entrance on the existing Park Master Plan. PM is also pursuing the Recreation Access grant.



Current Phase:	Design	Budget Status:	Proceed through Design Only
% Complete:	20%	Budget:	\$2,171,702.00
Design % Complete:	35%	PO Balance:	\$340,778.50
Construction % Complete:	0%	Paid to Date:	\$147,476.50
Updated:	10/6/2020	Balance:	\$1,683,477.00
Managed By:	Steve Hoffmann		
Substantial Completion:	12/8/2021		

Capital Projects Report - Facilities and Environmental Services

Local Government

COB 5th Street Chiller

Project Scope

Albemarle County reached out to Trane in mid-April to investigate a communication failure of the building control unit (BCU) that serves as the communication link from the Trane Chiller to the Johnson Controls System. The failed BCU is obsolete and is unable to be replaced. Trane delivered three different service options with budgets to reestablish communication. Given the age of the chiller, it was recommended to perform a complete overhaul with a control panel upgrade. The other options were to upgrade the control panel on the chiller only or create bridge communication controls to the Johnson System. For the existing chiller, the risks involved are the age of the chiller (1997) and the obsolete chiller control panel. The ASHRAE Life Expectancy of helical rotary chillers is 23 years. In the year 2020, the chiller reaches its full life expectancy.

Project Update

Project is currently in design and anticipate start of construction in February 2021. Proposal received from Trane for the installation of the new chiller currently under review and comments provided to Trane for revisions. Revised Proposal with a savings of \$757.57 received from Thompson Engineering for the Commissioning of the new and existing chillers.

Current Phase:	Design	Budget Status:	
% Complete:	45%	Budget:	\$374,792.00
Design % Complete:	80%	PO Balance:	\$0.00
Construction % Complete:	0%	Paid to Date:	\$0.00
Updated:	10/6/2020	Balance:	\$374,792.00
Managed By:	Drake Giles		
Substantial Completion:	2/28/2021		

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

Programming work continues with major Court's stakeholders. Socially distanced in-person stakeholder's programming meetings and facility walk-throughs on 9/30, 10/1 and 10/2. Follow-up half-day Sustainability Workshop held on 9/29. Follow-up security meetings with stakeholders are also in progress. Underground utility and topographic surveys near completion. Design team has begun conversations with City regarding demolition of Levy Annex.

FP&C project team has begun working on the Construction Management At Risk (CMAR) contract Request for Qualifications (RFQ) and Request for Proposal (RFP). The RFQ's purpose is to ensure that contractors have the commensurate amount of experience, qualified staff and financial strength to be considered for this project. The RFP will include proposals that will address cost, schedule and means and methods associated with carrying out the construction work. Consulting firm MBP is preparing a pre-construction services estimate after meetings with Chief to finalize scope requirements. They will provide professional assistance to the County team on the RFQ, RFP and other important items related to design and construction.



Current Phase:	Design	Budget Status:	Proceed through Design Only
% Complete:	13%	Budget:	\$5,822,136.00
Design % Complete:	10%	PO Balance:	\$4,669,750.64
Construction % Complete:	0%	Paid to Date:	\$541,647.37
Updated:	9/29/2020	Balance:	\$580,737.99
Managed By:	Blake Abplanalp		
Substantial Completion:			

Capital Projects Report - Facilities and Environmental Services

Local Government

Ionization Projects (COBM, Libraries and Court)

Project Scope

This Cares CRF Funded project includes the turnkey installation and start-up of 02Prime Bipolar Air Ionization systems on (24) major pieces of air handling equipment in (5) Albemarle County Government facilities. Ionization Units will be properly designed for each piece of air handling equipment, based on total CFM, coil size, space utilization, and integrated into existing Building Automation System for monitoring of system status and alarms.

Project Update

02 Prime Ionization Equipment was received on 9/30 and contractor mobilized at the courthouse to begin work on 10/5. This project covers multiple county owned building and will achieve completion in December.

Current Phase:	Construction
% Complete:	20%
Design % Complete:	0%
Construction % Complete:	20%
Updated:	10/6/2020
Managed By:	Drake Giles
Substantial Completion:	12/31/2020

Budget Status:	
Budget:	\$269,668.60
PO Balance:	\$269,668.60
Paid to Date:	\$0.00
Balance:	\$269,668.60

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

Station 12 Domestic Water: Project achieved Substantial completion on 9/25 and final completion scheduled for 10/26. Punchlist walk through held on 10/5 with a few issues found with pipe supports and wiring. Contractor to return by 10/9 to correct these items.

COB 5th Street Chilled Water Pumps: Punch list walk through held on 9/28 and contractor returned that day to correct punch list items. County Inspector was on site 9/28 for the final inspection. Project will achieve final completion on 10/28.

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:	Closeout	Budget Status:	Proceed as Planned
% Complete:	90%	Budget:	\$347,000.00
Design % Complete:	0%	PO Balance:	\$123,499.25
Construction % Complete:	90%	Paid to Date:	\$174,996.51
Updated:	10/6/2020	Balance:	\$48,504.24
Managed By:	Drake Giles		
Substantial Completion:			

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

FP&C Staff received comments from VDOT on the initial Plans, Specifications, & Estimates (PS&E) package on 9/16. The Design Team re-submitted the package to VDOT on 10/2. As soon as VDOT issues Authorization to Re-Advertise, FP&C Staff will coordinate with Purchasing to post the project for bids.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	82%	Budget:	\$710,000.00
Design % Complete:	98%	PO Balance:	\$11,196.57
Construction % Complete:	0%	Paid to Date:	\$139,672.76
Updated:	10/2/2020	Balance:	\$559,130.67
Managed By:	Matt Wertman		
Substantial Completion:	6/11/2021		

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

All sidewalks and pedestrian signal poles have been installed. Issue with pulling the final leg of the signal loop to the pedestrian pole discovered when wiring was not able to get through existing 2" conduit. VDOT and the contractor have expressed concerns regarding damaging wiring if attempts continue to pull all 13 cables through the existing conduit. After meeting with the contractor and VDOT, it was decided that installing a new 3" conduit is the most reasonable option. Contingency figure on report includes Future Costs for Change Order work.

Change order work to resolve conduit issue and the subsequent programming and line painting is expected to be complete no later than the week of October 19th.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	90%	Budget:	\$200,000.00
Design % Complete:	100%	PO Balance:	\$50,124.43
Construction % Complete:	85%	Paid to Date:	\$138,966.07
Updated:	10/1/2020	Balance:	\$10,909.50
Managed By:	Neale Craft		
Substantial Completion:	10/2/2020		

Capital Projects Report - Facilities and Environmental Services

NIFI

NIFI - Mountain View SRTS

Project Scope

Following an extensive community-driven process, the 5th and Avon Community Advisory Committee selected the Mountainview Elementary School Crosswalk as one of their priority projects. The critical need for this crosswalk was also identified in the “Virginia School Travel Plan - Mountainview 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 Mountainview Elementary School.



Project Update

Staff re-submitted the PS&E package to VDOT for review on 9/18. Staff are still awaiting Authorization to Re-Advertise from VDOT. As soon as it is received, staff will work with Purchasing to re-advertise the project.

Current Phase:	Contractor Bid	Budget Status:	Proceed as Planned
% Complete:	89%	Budget:	\$597,094.00
Design % Complete:	100%	PO Balance:	\$38,581.37
Construction % Complete:	0%	Paid to Date:	\$62,783.63
Updated:	10/2/2020	Balance:	\$495,729.00
Managed By:	Matt Wertman		
Substantial Completion:	4/8/2021		

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

Geotechnical borings were completed on 9/17. FP&C Staff also provided a brief written project update to the business and property owners in that vicinity that same week. FP&C and CDD staff met with the A/E on 9/29 to answer the remaining questions the design team had for the 60% VDOT submission. EPR's final report for the updated Traffic Impact Analysis is expected in the first half of October. This is the final piece of information needed in order to answer VDOT's questions/comments from the 30% submission. As soon as it is received, and the comment sheet is updated accordingly, the Design Team will submit the 60% submission to VDOT for review. This submission is anticipated to occur in mid to late October.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	32%	Budget:	\$1,510,000.00
Design % Complete:	41%	PO Balance:	\$112,037.45
Construction % Complete:	0%	Paid to Date:	\$105,032.60
Updated:	10/2/2020	Balance:	\$1,292,929.95
Managed By:	Matt Wertman		
Substantial Completion:	6/20/2022		

Capital Projects Report - Facilities and Environmental Services

Schools

AHS HVAC & Waste Water Pumps

Project Scope

The identified equipment has outlived it's 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

The contractor has provided pricing for each of the three options to install the new wiring for the switch gear. We are anticipating the work to take 3-12 days to complete depending on the amount of unforeseen issues.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	96%	Budget:	\$1,923,272.50
Design % Complete:	100%	PO Balance:	\$169,870.00
Construction % Complete:	98%	Paid to Date:	\$1,573,893.28
Updated:	9/28/2020	Balance:	\$179,509.22
Managed By:	Walter Harris		
Substantial Completion:	9/2/2020		

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 concluded its work at the end of September. The Design Development package was delivered to the Design Committee on 9/4, and the Design Development Cost Estimate was received on 9/18. Initial estimates indicate construction costs to be higher than assumed in the budget. FP&C and ACPS buildings services are carefully reviewing the assumptions of the cost estimate and considering value engineering opportunities to ensure that the project stays within the appropriated budget.

Current Phase:	Design	Budget Status:	Proceed through Design Only
% Complete:	22%	Budget:	\$1,260,000.00
Design % Complete:	70%	PO Balance:	\$868,293.90
Construction % Complete:	0%	Paid to Date:	\$290,241.82
Updated:	10/6/2020	Balance:	\$101,464.28
Managed By:	Matt Wertman		
Substantial Completion:	8/20/2022		

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

-Burley-Work at site is underway and 65% complete. Contractor completed installation of all 8 panels and 90% of the conductors feeding these panels. Contractor ran into an issue trying to repull the last feeder to panel A that is run underground and goes through a couple of in-floor vaults. Contractor suspects that when the underground conduit between the vault and Panel A were installed, they did not provide a wide enough sweep. Contractor will run new conduit up through floor out of the vault as close to the wall as possible, above ceiling and extend to the panel.

-Jouett- Contractor was onsite 9/25 to verify areas and equipment controlled by each panel in the school to provide information to school staff. Contractor returned on 10/5 to begin work. Installation of new panels will be underway until installation of switchgear during Christmas Break.

-Change order #1 and 2 for the credits due for testing equipment and the modifications to existing panels and switchboard per results of coordination study signed off by Joe Letteri and currently routing internally.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	60%	Budget:	\$446,706.10
Design % Complete:	100%	PO Balance:	\$376,792.00
Construction % Complete:	30%	Paid to Date:	\$31,268.50
Updated:	10/5/2020	Balance:	\$38,376.10
Managed By:	Drake Giles		
Substantial Completion:	5/31/2021		

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

Project achieved final completion on 9/28 and owners training was completed on 10/2 for the new mechanical equipment. Change Order #2 for the changes to the Brownsville Kitchen Equipment currently routing for final approval. Contractor currently finalizing closeout Documentation before turning over to engineer for review.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	99%	Budget:	\$674,188.00
Design % Complete:	100%	PO Balance:	\$48,863.60
Construction % Complete:	99%	Paid to Date:	\$606,276.90
Updated:	10/5/2020	Balance:	\$19,047.50
Managed By:	Drake Giles		
Substantial Completion:	8/25/2020		

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

A&L Electrical achieved substantial completion on 8/20. Contractor training completed on 9/9. Punch list items complete and contractor continues to submit closeout documents.

Current Phase:	Closeout	Budget Status:	Proceed as Planned
% Complete:	99%	Budget:	\$215,500.00
Design % Complete:	100%	PO Balance:	\$20,909.33
Construction % Complete:	100%	Paid to Date:	\$187,530.47
Updated:	9/14/2020	Balance:	\$7,060.20
Managed By:	Neale Craft		
Substantial Completion:	8/10/2020		

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.



Project Update

The Design Team was primarily focused on preparing for community engagement efforts during the month of September. There are four (4) community engagement efforts planned during the month of October. A meeting with the Student Advisory Council is scheduled for 10/6. A meeting with staff/faculty is scheduled for 10/13. Two general community meetings are scheduled for 10/14 & 10/15. All community engagement efforts will be conducted via Zoom. FP&C Staff have also been working to procure geotechnical services after some potential concerns about rock on the site were expressed. A Schematic Design presentation to the School Board is tentatively scheduled for 10/22.

Current Phase:	Design	Budget Status:	Proceed through Design Only
% Complete:	25%	Budget:	\$2,960,000.00
Design % Complete:	44%	PO Balance:	\$1,589,587.09
Construction % Complete:	0%	Paid to Date:	\$292,763.41
Updated:	10/2/2020	Balance:	\$1,077,649.50
Managed By:	Matt Wertman		
Substantial Completion:	5/30/2023		

Capital Projects Report - Facilities and Environmental Services

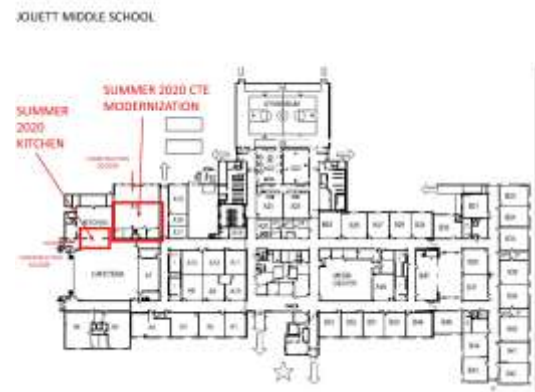
Schools

Learning Space Modernization of FY20 JOU, Wal

Project Scope

Walton Middle School Modernization impacts 9 classrooms and work includes the installation of four sola-tube (skylights) per classroom, the re-painting of walls, and the installation of new resilient base trim and marker boards.

Jouett Middle School Modernization impacts the Career and Technical Education (CTE) classroom and work includes upgrading the casework, creating break-out spaces and providing new furnishings. The modernization also impacts the kitchen serving line and work includes enlarging the existing opening, between kitchen and cafeteria, to provide a smoother flow of students through the serving line.



Project Update

GC is currently compiling close-out documents. Anticipate submission to stakeholder by 12-11-20.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	99%	Budget:	\$442,000.00
Design % Complete:	100%	PO Balance:	
Construction % Complete:	100%	Paid to Date:	\$356,110.35
Updated:	9/28/2020	Balance:	\$85,967.73
Managed By:	Montie Breeden		
Substantial Completion:	10/31/2020		

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

Started interior renovation work at staff work room and restrooms 126/127, both will be completed by October 30.

Started foundations for new gym. Held preconstruction meetings for concrete, masonry and steel trades.

Continuing to discuss rephasing of remaining interior work around staff and student occupancy within the building to ensure the entire project will still be completed by August 2021. Looking at performing new classroom work in existing media center and flooring work in existing classrooms during December break.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	65%	Budget:	\$6,219,748.00
Design % Complete:	100%	PO Balance:	\$4,860,245.07
Construction % Complete:	29%	Paid to Date:	\$540,531.01
Updated:	10/2/2020	Balance:	\$818,971.92
Managed By:	Steve Hoffmann		
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) Roof project, Contractor finished punch list items and is claiming Final Completion. AE to inspect roof first week of October and submit closeout documents.

Woodbrook Elementary School (WDB) Roof project, Contractor finished punch list items and is claiming Final Completion. AE to inspect roof for final completion and submit closeout documents.

Walton Middle School (WAL) Roof project claimed Substantial Completion 9/28. Punch List has been executed and contractor has 30 days to finish punch list items for Final Completion.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	99%	Budget:	\$2,459,622.00
Design % Complete:	100%	PO Balance:	\$228,572.05
Construction % Complete:	99%	Paid to Date:	\$2,048,566.95
Updated:	10/2/2020	Balance:	\$182,483.00
Managed By:	Steve Hoffmann		
Substantial Completion:	9/18/2020		

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

The contractor has completed Summer 2020 portion of work and is diligently working on the foundation and structural supports for the addition. We anticipate the underground utilities and foundation work to be completed by first week of October and the slab on grade to be completed by mid-October.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	52%	Budget:	\$11,280,252.00
Design % Complete:	100%	PO Balance:	\$5,843,298.57
Construction % Complete:	40%	Paid to Date:	\$3,375,298.06
Updated:	9/28/2020	Balance:	\$2,061,655.37
Managed By:	Walter Harris		
Substantial Completion:	8/2/2021		

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

The electrician is currently installing the breakers in the new panelboards -- progress was delayed due to Covid-related delays in manufacturing.

Upon completion of that base-scope work, the electrician will commence on some change-order work to re-connect the hard-wired equipment. Work shall be completed by 10-02-20.

Final Inspections will follow.



Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	97%	Budget:	\$300,000.00
Design % Complete:	100%	PO Balance:	\$37,809.50
Construction % Complete:	95%	Paid to Date:	\$239,896.02
Updated:	10/6/2020	Balance:	\$22,294.48
Managed By:	Montie Breeden		
Substantial Completion:	10/15/2020		

Capital Projects Report - Facilities and Environmental Services

Schools

Walton HVAC Upgrades

Project Scope

At Walton Middle School we will be upgrading the HVAC Systems including the main office and the chiller that serves most of the building. The current rooftop heat pump serving the office area will be upgraded with two new six- ton Variable Refrigerant flow (VRF) Condensing unit, two ten port branch box refrigerant flow controllers and sixteen ductless ceiling mounted cassettes air handlers. The installation of the new VRF system provides the ability for room-by-room temperature control, leading to better comfort settings. The existing two hundred-ton Water-Cooled chiller and Cooling Tower will be removed and replaced with a new two hundred-ton Air-Cooled chiller that sits on a new concrete pad on the exterior of the building. The existing fencing around the Back Up Generator will be extended to enclose the newly installed equipment.



Project Update

Site visit held on 9/28 for a final back check of punch list items that required correction. Contractor to return and repair asphalt damaged during construction and complete insulation of valve handles. Closeout documentation turned over to engineer for review and approval.

Current Phase:	Construction	Budget Status:	Proceed as Planned
% Complete:	95%	Budget:	\$877,844.75
Design % Complete:	100%	PO Balance:	\$104,220.14
Construction % Complete:	99%	Paid to Date:	\$758,821.50
Updated:	10/5/2020	Balance:	\$14,803.11
Managed By:	Drake Giles		
Substantial Completion:	8/12/2020		

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 1.1 mile long Shared-use Path from the Berkmar Drive/Rio Road West intersection to Hilton Heights Road and connect to the Shared-Use Path extending northward from the Berkmar Drive-Hilton Heights Road roundabout.

Project Update

Design consultant has collected all the background data needed for the field survey. Miss Utility tickets have been pulled and the survey baseline has been staked in preparation to start the survey field work. Environmental data has been compiled for submittal to VDOT and wetland delineations will occur the week of October 5th. Preliminary design work and concept development has started.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	5%	Budget:	\$2,890,026.00
Design % Complete:	5%	PO Balance:	\$452,552.96
Construction % Complete:	0%	Paid to Date:	\$20,765.50
Updated:	10/6/2020	Balance:	\$2,890,026.00
Managed By:	Jack Kelsey		
Substantial Completion:	6/1/2023		

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

Land surveying has been completed with the exception of the stream valley cross sections to be surveyed once an alignment has been selected. Preliminary hydrologic & hydraulic modelling is complete and will be finalized when a preliminary design of the selected alignment is prepared. Traffic modelling for the existing condition has been completed and the modelling for the "future build" scenario is being finalized. The request for US Army Corp of Engineers determination of their regulatory requirements applicability has been assigned. The date for their site assessment is to be determined. Staff are currently reviewing the engineer’s draft report of alternative alignments to review environmental impacts, traffic impacts and other factors. Once an alignment is selected and the cross sections of the stream valley are surveyed our consultant will proceed with preliminary design of the road and bridge. The Preliminary Design and Location Study will 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:	45%	Budget:	\$275,000.00
Design % Complete:	45%	PO Balance:	\$175,832.75
Construction % Complete:	0%	Paid to Date:	\$93,559.95
Updated:	10/2/2020	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 initial project scope was limited to the installation of new sidewalks along Commonwealth Drive and Dominion Drive. Subsequently, the “Jefferson Area Bicycle and Pedestrian Plan – 2019” identified portions of this road network as primary targets for the provision of bicycle infrastructure. Staff is working closely with the consultant on conceptual designs for both sidewalks and bike lanes, and is weighing the benefits and impacts of these additional amenities against the initial scope. A recommendation is being developed for a revised project scope that will make best use of available funds to improve multimodal infrastructure to this road network.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	27%	Budget:	\$3,336,224.00
Design % Complete:	22%	PO Balance:	\$384,341.58
Construction % Complete:	0%	Paid to Date:	\$115,645.58
Updated:	10/6/2020	Balance:	\$2,836,236.84
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

University of Virginia has executed the drainage & temporary construction easement deed. Staff will deliver the documents to the County Attorney Office for recordation. Staff received the UVa executed easement deed and the UVA / Service Authority easement deed on 10/6. St. Anne's-Belfield School is in the process of signing their right-of-way related documents. Staff anticipates completion of this item by 10/19. VDOT's comments on the final plans have been addressed by the design consultant. The updated final plans and responses to the VDOT comments and recommendations have been submitted to VDOT. Staff and our design consultant continue to coordinate the construction plans with the design consultant and contractor for the Beaver Creek Medical Building adjacent to this sidewalk project. A bid date of October 23rd is anticipated but is dependent upon VDOT concurrence with the final comments resolutions and then "verification of adequate funding", as well as St. Anne's-Belfield School completing signature of their right-of-way and easement documents within the established time parameters.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	92%	Budget:	\$2,478,000.00
Design % Complete:	98%	PO Balance:	\$25,801.88
Construction % Complete:	0%	Paid to Date:	\$758,508.37
Updated:	10/6/2020	Balance:	\$1,693,689.75
Managed By:	Jack Kelsey		
Substantial Completion:	8/30/2021		

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

Our design consultant is addressing the VDOT comments on the final construction plans and will submit revised plans for staff review by 10/9/20 prior to submitting to VDOT. The final project cost estimate will be adjusted as necessary based on the plan revisions and submitted to VDOT. A temporary construction easement deed was sent to the Dunlora Park Phase II developer to grant it "upon demand of the County" as provided on their approved site plan. FP&C and CDD staff have attempted to obtain a status update from the developer but have yet to receive a response. This has no impact on our bidding schedule, a bid posting date of October 23rd is anticipated but is dependent upon VDOT concurrence with the final comments resolutions and then "verification of adequate funding", as well as Dunlora Park Phase II developer signing the temporary construction easement.

Current Phase:	Design	Budget Status:	Proceed as Planned
% Complete:	92%	Budget:	\$3,905,208.72
Design % Complete:	98%	PO Balance:	\$262,162.55
Construction % Complete:	0%	Paid to Date:	\$997,207.20
Updated:	10/6/2020	Balance:	\$2,645,838.97
Managed By:	Jack Kelsey		
Substantial Completion:	10/26/2021		