

Fall, 2023



FES Quarterly Report

Facilities & Environmental Services, Albemarle County



General District Court Construction Update

The Courts Complex Addition and Renovations project is in the construction phase now and making great progress. Demolition of the Levy annex began in mid-June and was completed in late August. This work makes room for the new co-located General District Court for Albemarle County and the City of Charlottesville. Select interior demolition of the historic Levy Opera House has also been completed and renovation work to upgrade this facility to house the County's Commonwealth Attorney's office is underway. Excavation and foundation work for the basement level of the new General District Courthouse began the first week of September and will continue through the fall.

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Substantial Completion for this first phase of the project is expected to be achieved by early 2025. Design efforts also continue for the historic Circuit Court and final drawings for this second phase of the project are expected to be complete by December of 2023.



Closures

The following traffic pattern changes are currently in effect:

- **Roadways:** Jefferson Street has been turned into a one-way street going west (towards the main Albemarle Courthouse)
- **Sidewalks:** East High Street Park Street, East Jefferson Street
- **Parking Spaces:** East Jefferson Street, Park Street

FES and our contractor, Grunley Construction, are also managing a website that provides a video description of the project, project scope and renderings, monthly construction status updates, road/sidewalk closures, and associated items to inform the community. That site can be accessed at the following link: [Albemarle County - Courts Complex Addition and Renovations Project](#).



Street Sweeping Program

Albemarle County Facilities received its newest piece of equipment in mid-August, a shiny new 26,000-pound behemoth capable of removing copious amounts of dirt and debris from the roadways - and preventing this from washing into the local waterways.



In preparation for its arrival, CAPE assisted FES in organizing an online naming competition. The competition included the top ten names from submissions to the County and garnered over 1,200 votes. After a close race, the final tally of votes gave the win to "Sweeping Beauty."

Sweeping Beauty is generally on the road Monday through Friday from 3 AM to 11 AM throughout the County. Currently, Sweeping Beauty is focusing on high-volume traffic roads but will be transitioning to include some medium-traffic roads as time allows. The sweeper travels at only three to seven miles per hour while sweeping, so be on the lookout as she cleans the streets, and give her a wide berth if you need to pass. During the first three weeks of use, Sweeping Beauty scrubbed over 115 lane miles of roadway and removed over 24 tons of dirt, trash, and other pollutants from the road.

Announcing the Winners of \$100k Climate Action Grants

In August, we announced the winners of the pilot Community Climate Action Grant program in Albemarle County! Earlier this year, nonprofits and community groups were invited to apply through a competitive process for grants to support projects that tangibly advance the goals, strategies, and actions of the County's Climate Action Plan. This program was designed to support creative local projects to reduce greenhouse gas emissions in Albemarle County, leveraging funds appropriated by the Board of Supervisors for this purpose. The projects are:

Community-Based Vermicomposting - \$25,000. Autism Sanctuary will run a novel vermicomposting (or worm composting) initiative to reduce greenhouse gas emissions, promote green gardening practices in the local community, and provide additional jobs and learning experiences to those with autism in Central Virginia.

Bicycle Recycling, Refurbishment, & Redistribution - \$25,000. Community Bikes will expand its bike recycling, refurbishment, and redistribution program, with the goal of providing more affordable and sustainable transportation options to underserved communities in Albemarle County.

Equipment Electrification at New Roots Farm - \$20,020. International Rescue Committee's New Roots Farm, will phase out some of its older fossil fuel-based equipment in favor of electric alternatives powered by solar, create a democratic self-determination process for designing its largest community garden, and will have an AmeriCorps member to help implement these projects.

Green Jobs Training with FLIPP Accelerated Clean Energy Project (FACE) - \$18,600. FLIPP Inc, a nonprofit organization providing green jobs training to underserved communities in Virginia, will fund two of its Installing and Designing PV (photovoltaic) Systems credentialing training within Albemarle County and primarily for the county population.

Darden Towe Postage Stamp Prairie Parks and Partnership - \$11,380. The Peabody School will engage the public and get youth involved in Piedmont grassland education and conservation through a grassland restoration project at Darden Towe Park.

Resilient Together Project Launch

We are excited to announce the launch of Resilient Together, a new collaboration between Albemarle County, the City of Charlottesville, and the University of Virginia.

Resilient Together is a collaborative planning and implementation effort designed to ensure our community is strong, safe, and healthy in the face of a changing climate.

Locally, we are experiencing longer, hotter heat waves, more destructive storms, wildfire smoke, and invasive pests. Scientific projections show these challenges will increase in the coming years and decades, with implications for our community's health and well-being.

We know that natural hazards do not stop and start at the jurisdictional boundaries between Charlottesville and Albemarle County. Studies have shown that we have similar vulnerabilities and challenges. Collaborating will help us to produce more effective and lasting results.

Launching the Project

On September 14, staff from the project team presented an overview of the project to a packed room of key department leaders from the County, City, UVA, and government partners, including the TJSWCD, TJPDC, Rivanna Authorities, and others. Deputy County Executive Trevor Henry and City Manager Sam Sanders offered opening remarks, and project staff shared how we expect to involve our colleagues, partners, and the broader community. Attendance exceeded expectations, with participants keenly interested in next steps.

On September 26, the project team held its first public launch event, an open house at Carver Recreation Center. Multiple information and interactive stations provided opportunities for visitors to connect with staff and one another, and to think about climate resilience in our community. The event represented a key first step in a robust plan of community engagement throughout the project.

On September 30, County Climate Program staff connected with community members and partner organizations at Simpson Park Community Day, engaging visitors in a scavenger hunt game with questions about how folks prepare for and respond to extreme weather events.

About the Project

Through this project, we seek to define resilience, identify opportunities, and design strategies to build resilience.

We can think about resilience in terms of preparedness, emergency response, and recovery—before, during, and after a severe weather event. Building resilience starts with identifying strengths (where the community is working well) and gaps (where there is a need for improvement) in how we prepare for, respond to, and recover from natural disasters or extreme weather events.



This project will build on community strengths.

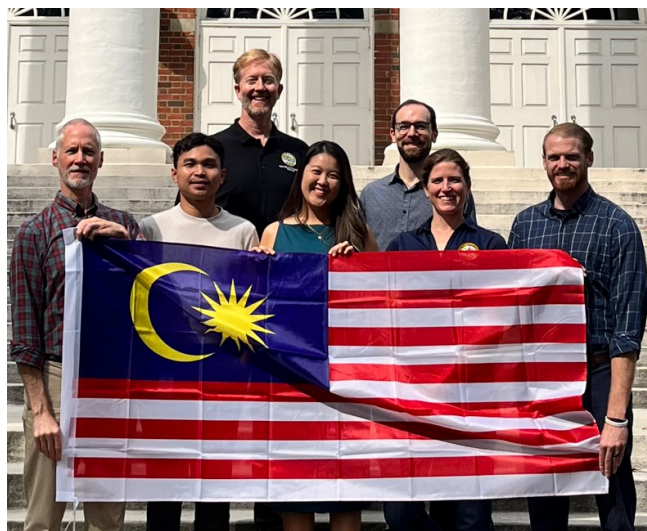
Our community possesses numerous strengths we can leverage to build resilience to the impacts of climate change. These include neighborhood groups, local businesses, service-oriented nonprofits, schools, local governments, and informal mutual aid networks among community members, to name a few.

Solutions can take many forms, such as protecting and enhancing tree cover to provide cooling shade during a heat wave or increasing the capacity of emergency responders during a flooding event. Through this planning process, we will gather input from community members, nonprofits, businesses, and local government staff to identify strategies that build on strengths and address needs for meeting the challenges that climate change is bringing to our region.

The planning effort will take approximately 18 months, resulting in complementary County and City plans that support each other and recognize the similarities, differences, and unique needs of both jurisdictions.

YSEALI Fellowship Program

We were thrilled to recently bring back the YSEALI professional fellowship program to Albemarle County. The Climate Protection Program hosted two environmental sustainability fellows from September 9 to October 6. In 2022, Albemarle County had the fortunate opportunity to participate for the first time as a host organization for the Young Southeast Asian Leaders Initiative (YSEALI) Professional Fellows Program, a highly competitive international exchange program of the U.S. Department of State. This year, we hosted two new fellows whose professional focus is climate adaptation and resilience work. The timing of this year's fellowship perfectly coincided with the launch of the Resilient Together project.



Emily Oi (Malaysia) holds a Master of Science in Environmental Monitoring and Management and a Bachelor in Chemical Engineering with Environmental Engineering from the University of Nottingham Malaysia. She's currently the Asia-Pacific consultant for Energy Transition with Environmental Defense Fund (EDF), specializing in climate policy and strategy. She also sits on the Board of Directors at the Business Council of Sustainable Development (BCSD) Malaysia. Previously, Emily was a Senior Policy Analyst with the Malaysian Green Technology and Climate Change Centre. Currently, Emily is learning more about the implementation of climate adaptation, especially community-driven measures that are co-managed by local governments to tackle disasters, water and food security, and community engagement.

Otdam Hor (Cambodia) is the Head of Exploration for Accelerator Lab at the United Nations Development Program (UNDP) Cambodia. His current profession focuses on analysis of emerging trends, understanding implications for systemic impacts and risks, and identification of innovative

solutions for accelerating progress toward the UN's Sustainable Development Goals (SDGs). Previously, he was the Program Policy Officer at United Nations World Food Program, where he led a public policy engagement platform for disaster management, and the Senior Research Officer at BBC Media Action. He graduated with a Master's degree in International Management at IU International University of Applied Sciences (Germany) and a Bachelor's degree in Agricultural Economics and Rural Development at Royal University of Agriculture (Cambodia). His current professional interest is exploring and identifying new methods to tackle development challenges and collaborating with local stakeholders to address specific policy issues in Cambodia.

Both fellows provided invaluable support to the September launch events of Resilient Together, helping to design graphic materials, making recommendations for community engagement events, engaging community members in conversation and surveys about climate resilience, and connecting with local partner organizations to understand how the County can best leverage their expertise throughout the project.

Downtown Crozet Projects: Library Avenue, The Square

The Square project in Downtown Crozet will improve the existing public streets - the Square off Crozet Avenue and Oak Street - and provide a critical connection to Library Avenue. This locally administered Revenue Sharing project will improve the public streets, on-street parking, sidewalks, drainage, and ADA accessibility.



On 9/19/23, County staff held an outreach meeting to review the upcoming construction work with nearby property owners and businesses around the Square in downtown Crozet. During a two-hour long question and answer session County Staff and the County's Engineering Consultant discussed all aspects of The Square project and possible construction impacts. This meeting will be followed by future informational meetings for the community to keep Downtown Crozet updated and involved as we move through the completion of the design process and into construction.

This project will be combined with the Barnes Lumber project to make the project more attractive to bidders and reduce the impact on surrounding businesses. The project has entered the Right-of-Way phase (the acquisition and certification of land needed for the project). Construction is expected to begin in late spring of 2024.

The Barnes Lumber project will extend Library Avenue eastward through the Barnes Lumber property to connect to High Street and then to Hilltop Street in Parkside Village as well as a connection to The Square. This is a public/private partnership with the developer of the Barnes Lumber property and that will result in major improvements that will include a plaza, commercial space, pedestrian walkways, and amenities. This project is also in the Right-of-Way phase and is planned to begin construction in late spring of 2024.

FEMA Collaborative Technical Assistance

Albemarle County had the privilege of receiving customized assistance from FEMA through a series of local workshops this past spring and summer designed to better prepare participants for dam-related emergencies.

Dams over a certain size are regulated by the Virginia Department of Conservation and Recreation - Dam Safety Program (DCR). For the last several years, DCR staff have been working to increase their awareness about dams across Virginia that may be skirting dam regulations and inadvertently imposing heightened flood risk on downstream properties. DCR identified over 2,700 dams across Virginia that appear to be of regulatory size but about which they have little information. These dams are referred to as "unknown" dams.

DCR was successful in enlisting the help of FEMA on this front - specifically FEMA's Collaborative Technical Assistance (CTA) Program. This program helps communities across the nation "better understand their risk-landscape and the potential consequences of dam-related emergencies". DCR invited Albemarle County to be the locality on which the Program would focus due to Albemarle having the largest number of unknown dams out of all Virginia localities - approximately 120. Participants in the Program included staff from across the organization - FES, Fire Rescue, Community Development, and Communications and Public Engagement - and other local dam owners - RWSA, UVA Foundation, and Montfair Resort Farm.

Goal: Increase the region's preparedness for dam-related emergencies through improved coordination and collaboration.

- *Leverage available resources to better understand hazards, risks, and impacts; use this information to inform preparedness.*
- *Better understand the specific roles and responsibilities of stakeholders.*
- *Update Emergency Action Plans for participating dams and inform local Emergency Operation Plans.*
- *Develop an outreach strategy to improve community awareness and promote dam safety compliance.*

Participants first developed a shared goal and shared objectives for the Program (summarized in the text box on the previous page). The Program began with a kickoff in April and tours of local

dams in May. Work sessions from May through July focused on aligning emergency planning documents, risk communications, public outreach and engagement, and evacuation and shelter-in-place. The Program concluded in August with a tabletop exercise involving incidents at several local dams.

The Program was extremely valuable in creating more awareness throughout the organization about local dam risks and connecting staff with key contacts in other organizations, including FEMA, DCR, Virginia Department of Emergency Management, and the National Weather Service. While some of the sessions covered somewhat technical topics – such as the mechanics of dam failure – much of the training was related to increasing preparedness and response through understanding and improving connections, processes, and protocols.

The Program led to County staff identifying numerous opportunities for better preparedness, including refining the Emergency Action Plans for County dams, working with DCR to provide additional outreach, information, and services to owners of local private dams, and developing and sharing better technical resources and processes for use during emergencies. FES staff were also given access to new software that can be used to perform simplified dam break analyses on unknown dams to determine the inundation zones resulting from dam failure.

Vegetation Management:

The roadway vegetation management program kicked off its augural season on the streets around Albemarle County. VDOT is responsible for a large area across the state and has a limited number of crews. It prioritizes vegetation issues that directly affect roadway safety. The County has been focused on managing vegetation in areas that VDOT deemed acceptable but did not meet County expectations. This work included clearing guardrails, sidewalks, signs, and storm sewer drains that were hidden and unusable. Some of the affected areas included: Avon Street, Commonwealth Drive, Crozet Avenue, Garth Road, Pantops area, Rio Road, Stoney Point Road, and John W Warner Parkway. We will be adding some of the areas to our regular contracted vegetation management routes – improving tidiness, enhancing driver and pedestrian safety, and keeping stormwater drains flowing.

5th Street sidewalk:





Pantops storm sewer curb inlet:

Old Ivy Road guardrail and signs:



Commonwealth Drive overgrowth:

FES News

New Employee Spotlight

Daniel Adcock joined the Facility's Maintenance team as a Senior Maintenance Mechanic on September 5th. Daniel brings many applicable skills and an abundance of knowledge in the maintenance field. We are lucky to have him on our team. Because Daniel worked for our maintenance team in the past, he was able to hit the ground running with his prior knowledge of County facilities. With Daniel's expertise and skills, he will not only be invaluable in keeping our facilities operational but also a great asset in our continued efforts to increase efficiency and response time when completing repairs. Daniel is a long-time Albemarle County resident of the White Hall district. When Daniel is not at work, he enjoys hunting and trips to the beach to fish.



Stavros Calos joined the Environmental Services Division on October 9th as a half-time employee, sharing the responsibilities of the Watershed Stewardship Manager position. Stavros is the second employee to return to Albemarle County this season, and we couldn't be happier to have his depth of knowledge, expansive skillset, and ready smile back with us. Stavros is a civil engineer specializing in water resource protection, with a high level of skill in GIS analysis. As part of this past work at the County, Stavros played a leading role in developing the County's first TMDL action plan - a plan to address water quality impairments of local streams and the Chesapeake Bay - and oversaw the planning and completion of the County's first three stream restoration projects. Stavros is an avid cyclist - doing most of his local commuting and enjoying extensive travels on two wheels.



Summary - Active Capital Projects

Monday, October 9, 2023

11:26:08 AM

Local Government

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
5th St Trailhead Park	Scottsville	On Hold	4%	\$86,108
Biscuit Run Grass Fields Design	Samuel Miller	Initiation	0%	\$351,000
Biscuit Run Park Phase 1a-Entrance & Parking	Scottsville	Design	50%	\$4,784,403
Biscuit Run Pedestrian Bridge-Preliminary Engineering	Samuel Miller		5%	\$150,000
Biscuit Run Phase 1b-Bridges & Boardwalk	Scottsville	Design	2%	\$110,700
Biscuit Run Phase 1b-Greenway Connector	Scottsville	On Hold	4%	\$95,800
Biscuit Run Phase 1b-Maintenance Bldg.	Scottsville	Design	7%	\$187,380
Byrom Park Electric and Water Upgrade	White Hall	Design	5%	\$73,000
COB5 Voter Registration Upfit	Scottsville	Complete	100%	\$93,300
Courts Complex Addition & Renovation	NA	Construction	35%	\$54,493,225
Darden Towe New Restroom-Pickleball Cts	Rivanna	Design	50%	\$430,480
Darden Towe Park Grass Field Rebuild	Rivanna	Initiation	4%	\$604,368
DSS Gender Inclusive Bathroom	Scottsville	Construction	30%	\$158,947
DSS Space Programming & Concept Design	Samuel Miller	On Hold	80%	\$19,160
FMP - COB McIntire Ph.1	Scottsville	Design	0%	\$254,000
Ivy Creek Natural Area Historic Preservation Study	Jack Jouett	Design	91%	\$132,000
Mechanical Systems Replacement Solutions	Multiple	Construction	45%	\$2,733,184
NSL Electric & Hot Water Piping Review	Rio	Contractor Bid	35%	\$20,000
Public Safety Operations Logistics Center	Rio	Construction	55%	\$3,100,000
Rivanna Station Futures	Rivanna	Design	95%	\$340,700
Scottsville Community Ctr Building Upgrades	Scottsville	Construction	85%	\$315,000
Southern Convenience Center	Samuel Miller	Closeout	100%	\$1,620,000
			Total:	\$70,152,755

NIFI

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
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NIFI

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
NIFI - The Square	White Hall	Design	30%	\$2,010,000
			Total:	\$2,010,000

Transportation

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Transportation - Barnes Lumber	White Hall	Design	35%	\$8,093,351
Transportation - Berkmar Bike Ped Improvements	Rio	Design	20%	\$2,890,026
Transportation - Commonwealth/Dominion	Jack Jouett	Design	50%	\$3,336,224
Transportation - Ivy Road	Multiple	Closeout	100%	\$3,078,000
Transportation - Rio Road, Avon Street & Rt. 250 West-Crozet	Multiple	Closeout	99%	\$5,005,209
Transportation-Lambs Lane Loop Study	Jack Jouett	Design	20%	\$175,000
			Total:	\$22,577,810

Water Resources

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Biscuit Run Stream Restoration-North Section	Scottsville	Design	20%	\$356,890
Mint Springs Dam Improvements	White Hall	Design	8%	\$300,000
Woodbrook Lagoon Maintenance and Repairs	Rivanna	Design	49%	\$183,107
			Total:	\$839,997
				\$95,580,562

Summary - Active Capital Projects

Monday, October 9, 2023

11:25:28 AM

Jack Jouett

Project Name	Project Type	ProjectPhase	% Complete	Budget
Ivy Creek Natural Area Historic Preservation Study	Local Government	Design	91%	\$132,000
Transportation - Commonwealth/Dominion	Transportation	Design	50%	\$3,336,224
Transportation-Lambs Lane Loop Study	Transportation	Design	20%	\$175,000
			Total:	\$3,643,224

Rio

Project Name	Project Type	ProjectPhase	% Complete	Budget
NSL Electric & Hot Water Piping Review	Local Government	Contractor Bid	35%	\$20,000
Public Safety Operations Logistics Center	Local Government	Construction	55%	\$3,100,000
Transportation - Berkmar Bike Ped Improvements	Transportation	Design	20%	\$2,890,026
			Total:	\$6,010,026

Rivanna

Project Name	Project Type	ProjectPhase	% Complete	Budget
Darden Towe New Restroom-Pickleball Cts	Local Government	Design	50%	\$430,480
Darden Towe Park Grass Field Rebuild	Local Government	Initiation	4%	\$604,368
Rivanna Station Futures	Local Government	Design	95%	\$340,700
Woodbrook Lagoon Maintenance and Repairs	Water Resources	Design	49%	\$183,107
			Total:	\$1,558,655

Samuel Miller

Project Name	Project Type	ProjectPhase	% Complete	Budget
Biscuit Run Grass Fields Design	Local Government	Initiation	0%	\$351,000
Biscuit Run Pedestrian Bridge-Preliminary Engineering	Local Government		5%	\$150,000
DSS Space Programming & Concept Design	Local Government	On Hold	80%	\$19,160
Southern Convenience Center	Local Government	Closeout	100%	\$1,620,000
			Total:	\$2,140,160

Scottsville

Project Name	Project Type	ProjectPhase	% Complete	Budget
5th St Trailhead Park	Local Government	On Hold	4%	\$86,108
Biscuit Run Park Phase 1a-Entrance & Parking	Local Government	Design	50%	\$4,784,403
Biscuit Run Phase 1b-Bridges & Boardwalk	Local Government	Design	2%	\$110,700
Biscuit Run Phase 1b-Greenway Connector	Local Government	On Hold	4%	\$95,800
Biscuit Run Phase 1b-Maintenance Bldg.	Local Government	Design	7%	\$187,380
COB5 Voter Registration Upfit	Local Government	Complete	100%	\$93,300
DSS Gender Inclusive Bathroom	Local Government	Construction	30%	\$158,947
FMP - COB McIntire Ph.1	Local Government	Design	0%	\$254,000
Scottsville Community Ctr Building Upgrades	Local Government	Construction	85%	\$315,000
Biscuit Run Stream Restoration-North Section	Water Resources	Design	20%	\$356,890
			Total:	\$6,442,528

White Hall

Project Name	Project Type	ProjectPhase	% Complete	Budget
Byrom Park Electric and Water Upgrade	Local Government	Design	5%	\$73,000
NIFI - The Square	NIFI	Design	30%	\$2,010,000
Transportation - Barnes Lumber	Transportation	Design	35%	\$8,093,351
Mint Springs Dam Improvements	Water Resources	Design	8%	\$300,000
			Total:	\$10,476,351

Multiple

Project Name	Project Type	ProjectPhase	% Complete	Budget
Mechanical Systems Replacement Solutions	Local Government	Construction	45%	\$2,733,184
Transportation - Ivy Road	Transportation	Closeout	100%	\$3,078,000
Transportation - Rio Road, Avon Street & Rt. 250 West-Crozet	Transportation	Closeout	99%	\$5,005,209
Total:				\$10,816,393

NA

Project Name	Project Type	ProjectPhase	% Complete	Budget
Courts Complex Addition & Renovation	Local Government	Construction	35%	\$54,493,225
Total:				\$54,493,225
				\$95,580,562

Capital Projects Report - Facilities and Environmental Services

Local Government

Biscuit Run Grass Fields Design

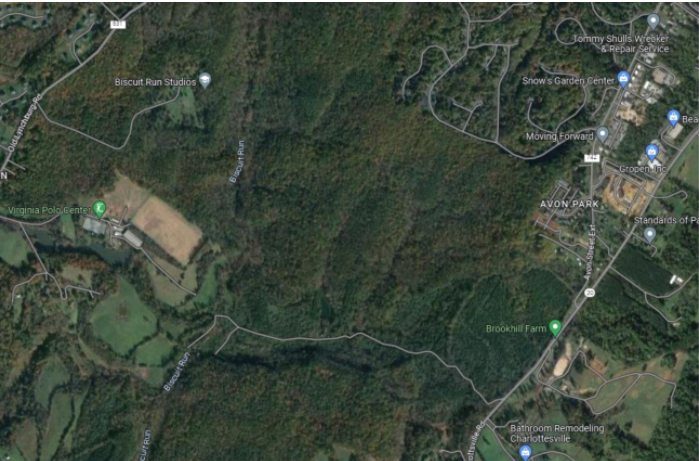
Project Scope

Construction of 2 natural grass athletic fields. Scope of work also includes extension of the main road deeper into the parkland, a parking area, a restroom facility, and stormwater management. Before design begins on the fields, the existing Master Plan will be updated to accurately reflect the current plans and location of the maintenance building and trailhead parking. Also included in the update will be a strategy for phasing the future construction of additional fields (up to as many as 5) and parking.

Project Update

FES staff are currently in negotiations with an A/E for schematic, design, documentation and construction administration services. A Pre-Proposal / design kick-off (virtual) meeting occurred on 10/04/23.

Current Phase:	Initiation	Budget:	\$351,000.00
% Complete:	0%	PO Balance:	\$0.00
Design % Complete:	0%	Paid to Date:	\$0.00
Construction % Complete:	0%	Balance:	\$351,000.00
Updated:	9/27/2023	Contingency:	\$351,000.00
Managed By:	Montie Breeden		
Substantial Completion Date:			



Capital Projects Report - Facilities and Environmental Services

Local Government

Biscuit Run Park Phase 1a-Entrance & Parking

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. Phase 1a of the Biscuit Run project will consist of a New Rte. 20 Park Entrance, Paved Access Drive, Trailhead Parking and Restrooms.

Project Update

All comments for Final Site Plan, Water Protection Ordinance (WPO) plans, Road Plan review and VDOT Exception and Waiver Submission have been received and will be resubmitted to Community Development Department (CDD) and VDOT for final review prior to advertisement. The design team continues to work on the right-of-way and utility easement relocation as well as the joint permit approval for wetlands impacts on site. This project is slated to go out for advertisement by Mid-October 2023 with a bid opening in November 2023. Construction activities are planned to begin shortly thereafter with Substantial Completion scheduled for end of Summer 2024.

Current Phase:	Design	Budget:	\$4,784,402.83
% Complete:	50%	PO Balance:	\$284,025.51
Design % Complete:	95%	Paid to Date:	\$1,171,822.32
Construction % Complete:	5%	Balance:	\$3,328,555.00
Updated:	10/3/2023	Contingency:	\$0.00
Managed By:	Steve Hoffmann		
Substantial Completion Date:	9/20/2024		



Capital Projects Report - Facilities and Environmental Services

Local Government

Biscuit Run Pedestrian Bridge-Preliminary Engineering

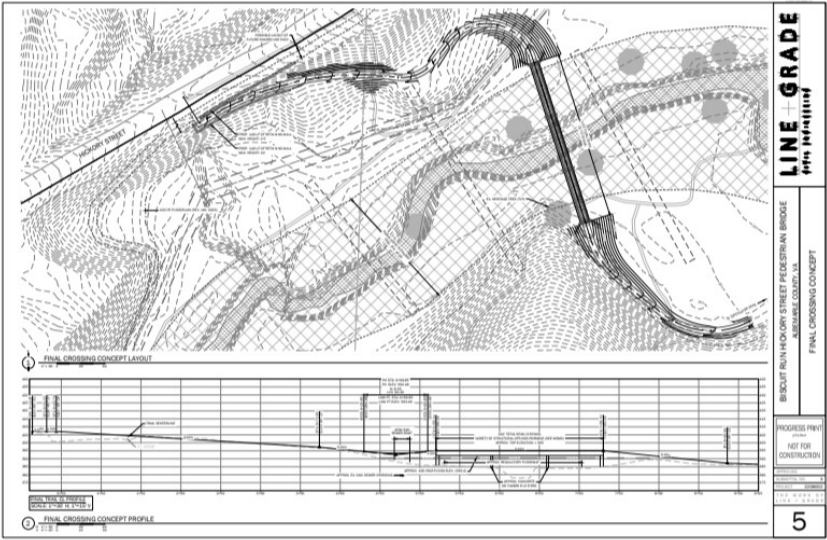
Project Scope

Preliminary (30-50%) design of the Hickory Street Pedestrian Bridge at Biscuit Run. This work is being expedited to allow for coordination with the Stream Restoration Project given the future bridge will cross the stream and footing/pier construction coordination is prudent.

Project Update

A kick-off meeting with the design team occurred September 21, 2023. Preliminary assumptions for a 10' wide prefabricated bridge adjoining a 10' asphalt shared use path constructed to VDOT standards with a 3:1 or less slope were reviewed. Surveying is expected to begin in October 2023 and geotechnical borings will begin October 26, 2023. Fifty (50%) percent design documents with budget estimates are not expected until mid-March 2024.

Current Phase:		Budget:	\$150,000.00
% Complete:	5%	PO Balance:	\$76,979.00
Design % Complete:	10%	Paid to Date:	\$0.00
Construction % Complete:	0%	Balance:	\$73,021.00
Updated:	10/5/2023	Contingency:	\$0.00
Managed By:		Audrey Storm	
Substantial Completion Date:			



Capital Projects Report - Facilities and Environmental Services

Local Government

Biscuit Run Phase 1b-Maintenance Bldg.

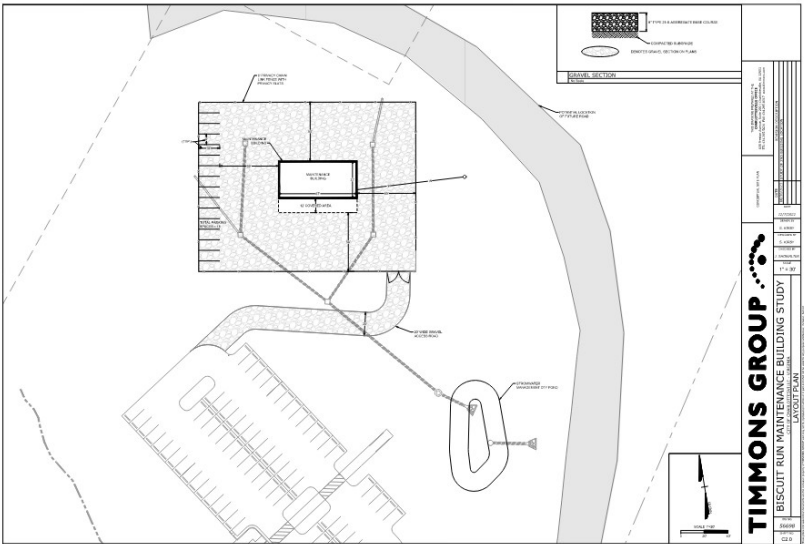
Project Scope

The Biscuit Run Phase 1b-Maintenance Building project will consist of the Study, Design and construction of a Maintenance Facility for Albemarle County's Biscuit Run Park. FP&C will work with a design consultant to provide architectural and site planning design services to investigate feasibility, schedule and total project costs for a Maintenance Building at Biscuit Run Park. Design work will continue into bidding and Construction of the facility.

Project Update

Staff is currently working with the County Purchasing Department to properly lay out the process for a design/build contract for the Biscuit Run Maintenance Building design and construction. Approval to move forward with this design/build process will be put before the Board of Supervisors in November 2023 with requests for proposals planned to be advertised in December 2023 if the design/build process is accepted. Proposal acceptance and Design of this facility is expected to take 11 months followed by 9 months for construction with substantial completion of the new maintenance facility projected for Summer 2025.

Current Phase:	Design	Budget:	\$187,380.00
% Complete:	7%	PO Balance:	\$0.00
Design % Complete:	15%	Paid to Date:	\$17,360.00
Construction % Complete:	0%	Balance:	\$170,020.00
Updated:	10/3/2023	Contingency:	\$0.00
Managed By:	Steve Hoffmann		
Substantial Completion Date:	8/1/2025		



Capital Projects Report - Facilities and Environmental Services

Local Government

Byrom Park Electric and Water Upgrade

Project Scope

Byrom Park project objective is to provide a new power service from Central Virginia Electric Cooperative (CVEC), installation of a new non-potable water well and installation of an electric gate to the entrance to the park.

Project Update

Central Virginia Electric Cooperative (CVEC) and Albemarle County Parks & Recreation (ACPR) are working on the required easements to provide power service to Byrom Park. Staff have received a quote for boring under the road and installing wire to the parking area. The conduit run will be approximately 1,200 feet. Once the easements are finalized, working with Albemarle County Zoning, Staff will prepare a Request For Quote (RFQ) for the CVEC approved list of contractors for the required boring and trenching. It is anticipated the electric service will be installed by the end of the 2023 calendar year.

Current Phase:	Design	Budget:	\$73,000.00
% Complete:	5%	PO Balance:	\$0.00
Design % Complete:	45%	Paid to Date:	\$0.00
Construction % Complete:	0%	Balance:	\$73,000.00
Updated:	9/25/2023	Contingency:	\$7,000.00
Managed By:	Scott Reuschling		
Substantial Completion Date:	12/15/2023		



Capital Projects Report - Facilities and Environmental Services

Local Government

COB5 Voter Registration Upfit

Project Scope

Upfit to the Voter Registration at COB 5th Street. County Staff is working on renovation of existing office space to add a conference room and additional work stations with limited interruption to adjacent spaces.

Project Update

Upfit work was substantially complete on time. With value engineering savings Staff purchased some additional components for workstation cubicles and repainted the new conference room in its entirety. A final change order is being processed which will close out the project.

Current Phase:	Complete	Budget:	\$93,300.00
% Complete:	100%	PO Balance:	\$6,794.00
Design % Complete:	100%	Paid to Date:	\$86,487.85
Construction % Complete:	100%	Balance:	\$18.15
Updated:	10/3/2023	Contingency:	\$0.00
Managed By:	Audrey Storm		
Substantial Completion Date:	9/1/2023		



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 new co-located General District Court facilities and renovate the historic portion of the Levy Opera House to accommodate 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

The contractor has successfully completed the installation of phase two and three erosion and sediment control plans. Over the next three weeks, their focus will remain on the installation of sheeting and shoring while simultaneously excavating down to the new basement level. Approximately three-quarters of the site has been excavated. Once excavation is complete in the coming weeks concrete foundations and retaining walls will begin being placed. The construction of the General District Court is on track and is projected to be substantially complete within 19 months, by Winter 2024.

In parallel, the Design Team submitted 65% of the construction documents for the Circuit Court (West Site) on September 8, 2023. Following several productive meetings with stakeholders for plan review, we provided feedback to the design team on September 28, 2023. It is expected the design will be finalized by the end of December 2023 then updated pricing will be obtained. Construction activities for the Circuit Court are slated to commence in the first quarter of 2025, following the completion of the East site's construction phase.

Current Phase:	Construction	Budget:	\$54,493,225.00
% Complete:	35%	PO Balance:	\$34,187,057.78
Design % Complete:	80%	Paid to Date:	\$4,674,337.63
Construction % Complete:	8%	Balance:	\$15,631,829.59
Updated:	10/5/2023	Contingency:	\$0.00
Managed By:	Walter Harris		
Substantial Completion Date:	4/30/2026		



Capital Projects Report - Facilities and Environmental Services

Local Government

Darden Towe New Restroom-Pickleball Cts

Project Scope

Design and construction of a new ADA-compliant toilet facility, that is gender-neutral and adjacent parking; all near the existing tennis / pickleball courts.

Project Update

ACPR staff have secured additional funding to provide a pre-fabricated, fully plumbed, and heated two (2) stall toilet facility. Additionally, one of the County's term site contractors is preparing an estimate for the sitework as a check to validate the professional cost estimate. Concurrently, FES staff executed a design change order for the A/E to revise the drawings to reflect the change from a custom-designed toilet facility to a pre-fabricated one. These revised drawings will be utilized for a building permit and for the site contractor to prepare the site for placement of a pre-fabricated toilet. As soon as site pricing is verified against the budget, FES staff will release the order for the pre-fabricated toilet. The project schedule has been revised to indicate a Substantial Completion date of May 31, 2024.

Current Phase:	Design	Budget:	\$430,480.23
% Complete:	50%	PO Balance:	\$22,888.70
Design % Complete:	95%	Paid to Date:	\$58,695.30
Construction % Complete:	0%	Balance:	\$348,896.23
Updated:	10/5/2023	Contingency:	\$0.00
Managed By:	Montie Breeden		
Substantial Completion Date:	5/31/2024		



Capital Projects Report - Facilities and Environmental Services

Local Government

Darden Towe Park Grass Field Rebuild

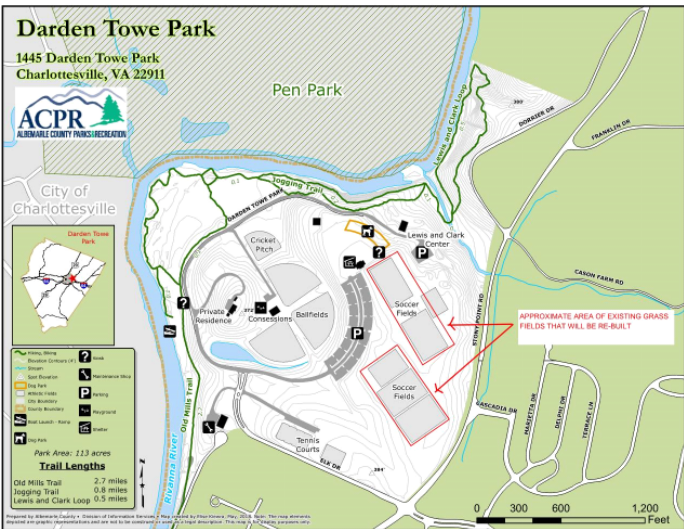
Project Scope

A phased rebuilding of the existing grass (soccer) fields, over a 4-year period, that consists of the installation of a new subgrade drainage system, minimally regraded grass fields, and associated stormwater management. The anticipated date of Substantial Completion for Phase 1 is 9/21/24 and for Phase 4 is 09/21/27.

Project Update

A/E negotiations leading to an executed contract for design, documentation drawings and construction administration services, are currently underway. Contract execution is anticipated by mid-to-late November 2023. As part of the contract negotiations, a Pre-Application meeting was conducted on 09/25/23 with the County Engineer to review site plan requirements to ensure conformance with County ordinances and regulations.

Current Phase:	Initiation	Budget:	\$604,368.00
% Complete:	4%	PO Balance:	\$0.00
Design % Complete:	0%	Paid to Date:	\$0.00
Construction % Complete:	0%	Balance:	\$604,368.00
Updated:	9/27/2023	Contingency:	\$30,045.00
Managed By:	Montie Breeden		
Substantial Completion Date:	9/21/2024		



Capital Projects Report - Facilities and Environmental Services

Local Government

DSS Gender Inclusive Bathroom

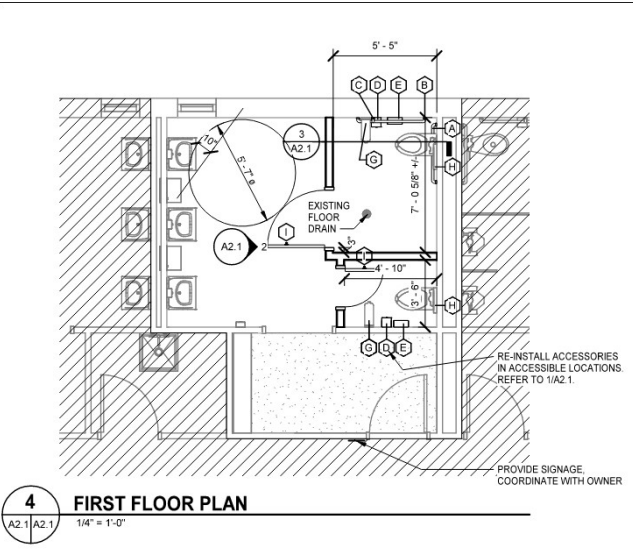
Project Scope

Convert women's bathroom A220 at the Department of Social Services in County Office Building (COB) 5th St. from a traditional restroom to a Gender-neutral restroom.

Project Update

Construction permits were issued for the revised plan. Following a site tour of the Gender Neutral restrooms at Albemarle High School, a minor amendment to create a more welcoming space is now being considered and priced. Door and hardware submittals have been reviewed and will be released upon receipt of color samples. Construction is anticipated to begin by the end of 2023 and be completed by the end of January 2024.

Current Phase:	Construction	Budget:	\$158,947.00
% Complete:	30%	PO Balance:	\$61,601.00
Design % Complete:	100%	Paid to Date:	\$20,420.00
Construction % Complete:	0%	Balance:	\$76,926.00
Updated:	10/3/2023	Contingency:	\$65,664.00
Managed By:	Audrey Storm		
Substantial Completion Date:	1/31/2024		



Capital Projects Report - Facilities and Environmental Services Local Government

DSS Space Programming & Concept Design

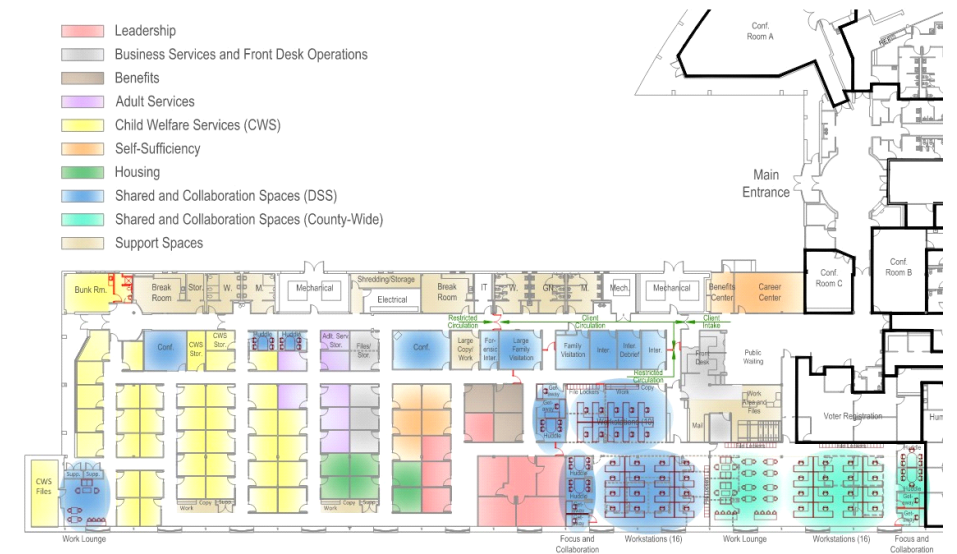
Project Scope

Review results of Spring 2022 interview with Department of Social Services (DSS) to develop a draft 20 year Program of Requirements to incorporate agile and hybrid office spaces including an optimized mix of collaboration and focused spaces. Two concepts representing minimal versus extensive changes will be presented that identify opportunities and constraints of each design for further comment to prepare a preliminary concept for review and approval by DSS.

Project Update

Following mid-August 2023 feedback from the Department of Social Services (DSS) regarding a reevaluation of their space needs and an executive staff meeting, this project has been temporarily paused. Facilities & Environmental Services (FES) Staff are engaging with OLT to discuss County space use standards to guide the completion of programming.

Current Phase:	On Hold	Budget:	\$19,160.00
% Complete:	80%	PO Balance:	\$3,780.00
Design % Complete:	95%	Paid to Date:	\$15,380.00
Construction % Complete:	0%	Balance:	\$0.00
Updated:	10/3/2023	Contingency:	\$0.00
Managed By:	Audrey Storm		
Substantial Completion Date:			



Capital Projects Report - Facilities and Environmental Services

Local Government

FMP - COB McIntire Ph.1

Project Scope

Program of Requirement (POR) and Space Layout for five (5) departments to incorporate agile and hybrid office spaces including an optimized mix of collaboration and focused spaces. Departments included in this phase are: Community Development, County Executive - Communications and Public Engagement (CAPE), County Executive - Performance and Strategic Planning (PSP), Facilites & Environmental Services (FES) - Facilities Planning & Construction, FES - Environmental Services, Finance, and Information Technology.

Project Update

A kick-off meeting is being coordinated with Community Development, County Executive - Communications and Public Engagement (CAPE), County Executive - Performance and Strategic Planning (PSP), Facilities & Environmental Services (FES) - 4th Floor, Finance, and Information Technology departments. This first phase of the McIntire space programming is expected to continue over the next 9-12 months.

Current Phase:	Design	Budget:	\$254,000.00
% Complete:	0%	PO Balance:	\$0.00
Design % Complete:	0%	Paid to Date:	\$0.00
Construction % Complete:	0%	Balance:	\$254,000.00
Updated:	10/3/2023	Contingency:	\$254,000.00
Managed By:	Audrey Storm		
Substantial Completion Date:			

Capital Projects Report - Facilities and Environmental Services

Local Government

Greenwood Comm Ctr ADA Projects

Project Scope

Provide designated ADA entrances to the lower and upper levels of the building including the required number of ADA parking spaces. Renovate the two restrooms on the lower level to make them ADA accessible. The project also includes evaluation of the existing exterior ramp to confirm whether it is ADA-compliant and, if necessary, delineate options for modifications or replacement.

Project Update

Substantial Completion was achieved on 09/20/23 and the punch list was prepared that same date. The GC confirmed punch list corrections were completed on 09/25/23. Final Building Inspection passed on 09/26/23. The A/E and Owner re-inspection of the project occurred on 09/27/23. The project is now in its Warranty period and Close-Out documents are currently being assembled. Final completion is anticipated by 10/20/23.

Current Phase:	Closeout	Budget:	\$375,000.00
% Complete:	88%	PO Balance:	\$93,970.42
Design % Complete:	100%	Paid to Date:	\$267,436.73
Construction % Complete:	100%	Balance:	\$13,592.85
Updated:	10/5/2023	Contingency:	\$8,798.39
Managed By:	Montie Breeden		
Substantial Completion Date:	9/20/2023		



Capital Projects Report - Facilities and Environmental Services

Local Government

Ivy Creek Natural Area Historic Preservation Study

Project Scope

As recommended by previous Ivy Creek Farmhouse Complex studies, this Historic Structures Report - Level 1 Study will provide: 1. 3D Building Information Modeling (BIM), 2. Additional measured drawings including a site plan, 3. Archival and physical research of building and grounds features to produce a written history, 4. Analysis of the building systems (HVAC, electrical, plumbing, fire detection and fire prevention), 5. Building code and ADA compliance analysis, and 6. Final report including an executive level summary. The approximate cost range for the Level 1 study is \$80,000 - \$120,000 & is expected to take 6-8 months to complete.

Project Update

The consultant completed field investigations and is preparing the draft Historic Structure Report. The draft report was expected by the end of September, however the report was delayed due to farm house field investigations. Once the report is received, staff and stakeholders will have two weeks to review and comment. The A/E will address Staff's comments then deliver the final Historic Structure Report by the end of October 2023 so it can be used as the basis for requests in the FY25 CIP process.

Current Phase:	Design	Budget:	\$132,000.00
% Complete:	91%	PO Balance:	\$89,218.00
Design % Complete:	95%	Paid to Date:	\$12,598.75
Construction % Complete:	0%	Balance:	\$30,183.25
Updated:	9/26/2023	Contingency:	\$26,483.25
Managed By:	Montie Breeden		
Substantial Completion Date:	10/31/2023		



Capital Projects Report - Facilities and Environmental Services

Local Government

Mechanical Systems Replacement Solutions

Project Scope

Replacement of existing chiller, boiler, and cooling tower with new equipment. Work also includes the replacement of associated mechanical system components. The heating and cooling systems will be replaced during their off-seasons. During normal working hours, minor impacts to staff will be coordinated in advance to minimize interruptions.

Project Update

Construction crews have started installing the Variable Air Volume (VAV) wiring to the existing Building Automation System (BAS), and will be completed by the middle of October 2023. Once all rough-in wiring is completed within the building, the contractor will schedule final connections to the VAV boxes. Owner training was held on 10/3/23 for the new boiler system. The replacement chiller towers have been delivered to the contractor, and fabrication of the towers has started. The demolition of the chiller and chiller tower will begin by mid -November 2023. The new chiller system is scheduled to be completed and tied in with the new BAS by late February 2024. At this point, the overall project will be complete by Summer 2024.

Current Phase:	Construction	Budget:	\$2,733,184.00
% Complete:	45%	PO Balance:	\$1,416,743.92
Design % Complete:	100%	Paid to Date:	\$1,316,440.08
Construction % Complete:	42%	Balance:	\$0.00
Updated:	10/3/2023	Contingency:	\$0.00
Managed By:	Scott Reuschling		
Substantial Completion Date:	6/28/2024		

Capital Projects Report - Facilities and Environmental Services

Local Government

Public Safety Operations Logistics Center

Project Scope

Retrofit of old JC Penney's at Fashion Square Mall to provide spaces for ACFR and ACPD non-emergency use. This project will provide office spaces for specific ACPD units, a conference room, evidence storage facilities, general storage facilities, and vehicle storage. It will also provide vehicle maintenance and storage areas for ACFR by installing a new concrete floor and garage door. Moseley Architects will be providing programming and full design for the renovations which will be bid as two packages to prioritize work and expedite portions of work to be functional as soon as possible. The County intends to hire contractors directly to expedite work and material orders.

Project Update

The exterior insulation finish system (EIFS) is completed, with the contractor wrapping up painting of the exterior trim by 10/13/23. Work is ongoing for plumbing, mechanical, and electrical for the interior office area and vehicle maintenance area. Substantial completion for the project is scheduled for 10/31/23 . Staff anticipates some additional minor work to support operations within the new facility to occur after the substantial completion date; however, work will occur in cooperation with the Police and Fire Rescue staff.

Current Phase:	Construction	Budget:	\$3,100,000.00
% Complete:	55%	PO Balance:	\$741,962.61
Design % Complete:	100%	Paid to Date:	\$1,530,581.70
Construction % Complete:	45%	Balance:	\$827,455.69
Updated:	9/26/2023	Contingency:	\$40,646.07
Managed By:	Scott Reuschling		
Substantial Completion Date:	10/31/2023		



Capital Projects Report - Facilities and Environmental Services

Local Government

Scottsville Community Ctr Building Upgrades

Project Scope

Scope of work on this project includes: 1. Structural inspection and repair of interior and exterior walls experiencing cracking 2. Roof drain inspection and repair 3. Design and construction of a 2nd ADA compliant entrance 4. Repair of existing back steps, rails, awning, and modifications to existing ADA ramp to meet current ADA standards 5. Main Entrance Restroom renovation.

Project Update

The Boys and Girls bathrooms have been completed and have passed all inspections. The punch list on bathrooms has been completed by the contractor and approved by the architect/engineer. Bathrooms are currently in use by the Boys and Girls Club. The exterior stair handrails are installed and the contractor is working on the exterior punch list which will be completed by the end of October 2023.

Current Phase:	Construction	Budget:	\$315,000.00
% Complete:	85%	PO Balance:	\$95,805.76
Design % Complete:	100%	Paid to Date:	\$200,303.24
Construction % Complete:	80%	Balance:	\$18,891.00
Updated:	10/2/2023	Contingency:	\$5,930.66
Managed By:	Scott Reuschling		
Substantial Completion Date:	9/15/2023		



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

Grass is currently growing on the site and the contractor is working on the last items needed for closeout of the site permit. The project site requires full maturation of vegetative growth before the County will declare final completion and the closeout of the project.

Current Phase:	Closeout	Budget:	\$1,096,390.48
% Complete:	99%	PO Balance:	\$73,705.75
Design % Complete:	100%	Paid to Date:	\$931,335.07
Construction % Complete:	99%	Balance:	\$90,271.01
Updated:	9/7/2023	Contingency:	\$54,964.01
Managed By:	Steve Hoffmann		
Substantial Completion Date:	12/16/2022		



Capital Projects Report - Facilities and Environmental Services

NIFI

NIFI - The Square

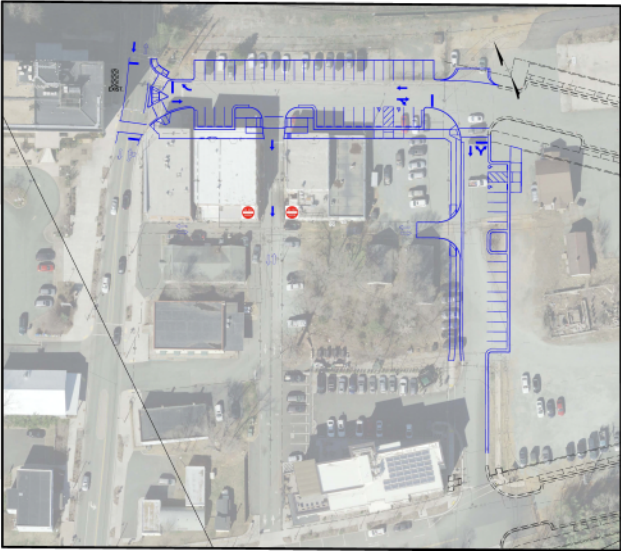
Project Scope

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

Staff held a very successful outreach meeting in Crozet on 9/19/23. During this meeting, the design team and County Staff met with nearby property owners and businesses to review the upcoming project and discuss any possible construction impacts to the area. The Design Engineer Sub-Consultant is actively engaged with property owners for acquisition of Right of Way (ROW) necessary for this project. Negotiations with the Virginia Passenger Rail Authority (VPRA) are in process as well. The project team is continuing discussions with the impacted utilities, including Dominion Power. The current execution plan is to combine The Square project and the Barnes Lumber project for a single bid package with two distinct parts for VDOT accounting.

Current Phase:	Design	Budget:	\$2,010,000.00
% Complete:	30%	PO Balance:	\$30,453.27
Design % Complete:	85%	Paid to Date:	\$281,372.13
Construction % Complete:	0%	Balance:	\$1,698,174.60
Updated:	10/3/2023	Contingency:	\$224,123.60
Managed By:	Steve Hoffmann		
Substantial Completion Date:	12/21/2025		



Capital Projects Report - Facilities and Environmental Services

Transportation

Transportation - Barnes Lumber

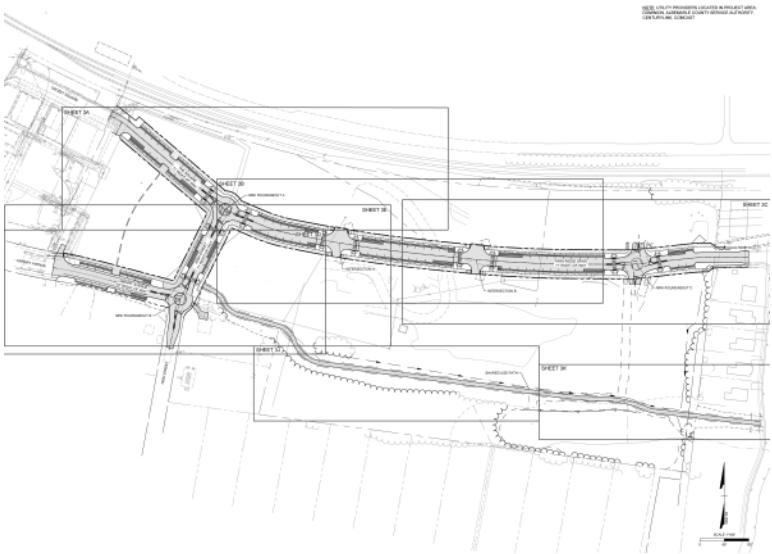
Project Scope

This project will extend Library Avenue eastward through the Barnes Lumber property to connect to High Street and then to Hilltop Street in Parkside Village as well as a connection to The Square. This is being proposed as a public private partnership with the developer of the Barnes Lumber property.

Project Update

On 10/02/23 the Design Engineer re-submitted revised VDOT Pre-Award Conference (PAC) plans, County Water Protection Ordinance Plans and Utility plans with comment response letters. The Design team also submitted the County Road Plan submission for Courtesy Review by the County. VDOT has provided authorization to begin preliminary title search services for the Right of Way (ROW) acquisition process. County Staff is currently working on assembling the final required documentation before fully moving into the VDOT Right of Way phase for this project. The project team is in discussions with all utilities involved, including Dominion Power. The current execution plan is to combine The Square project and the Barnes Lumber project for a single bid package with two distinct parts for VDOT accounting.

Current Phase:	Design	Budget:	\$8,093,351.00
% Complete:	35%	PO Balance:	\$82,750.00
Design % Complete:	80%	Paid to Date:	\$2,250.00
Construction % Complete:	0%	Balance:	\$8,008,351.00
Updated:	10/3/2023	Contingency:	\$777,488.00
Managed By:	Steve Hoffmann		
Substantial Completion Date:	9/30/2025		



Capital Projects Report - Facilities and Environmental Services

Transportation

Transportation - Berkmar Bike Ped Improvements

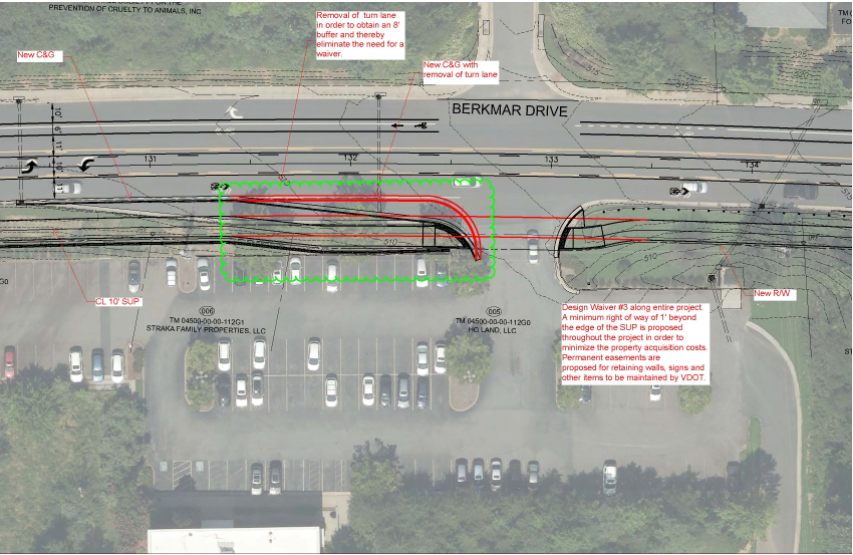
Project Scope

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. Segment 1 is from Rio Road West to the commercial entrance behind Kroger at Rio Hill. Segment 2 starts at the Woodbrook Road intersection and continues to the round-about at Hilton Heights Road.

Project Update

The Design Engineer submitted the 30% design documents for segment 2 into the VDOT software system on 8/4/23. The submission includes cross sections, the Basis of Design (BOD) document, project schedule, VDOT Cost Estimate Work Book (CEWB), and design waiver and exception requests. Discussions with VDOT Culpeper District Staff, County Staff, and the Design Engineer resulted in pathway options that informed the waiver and exception requests. VDOT is scheduled to provide comments on the 30% design by 10/13/23. Additional funding for this project will be requested through the VDOT 2023 Revenue Sharing Cycle.

Current Phase:	Design	Budget:	\$2,890,026.00
% Complete:	20%	PO Balance:	\$220,052.60
Design % Complete:	35%	Paid to Date:	\$279,634.26
Construction % Complete:	0%	Balance:	\$2,390,339.14
Updated:	9/5/2023	Contingency:	\$0.00
Managed By:	Mike Stumbaugh		
Substantial Completion Date:	9/29/2028		



Capital Projects Report - Facilities and Environmental Services

Transportation

Transportation - Commonwealth/Dominion

Project Scope

Design and construct approximately 2,500 feet of sidewalk on Commonwealth Drive from Hydraulic Road to Peyton Drive (east side); 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 40 easements or temporary easements required for this project.

Project Update

The Design Engineer submitted the Right of Way (ROW) design package for VDOT review on 7/31/23. The VDOT submission includes the ROW drawing package set, project schedule and the VDOT Cost Estimating Work Book (CEWB). A subconsultant has provided estimated costs associated with ROW acquisition services for the project. The current schedule shows entering the ROW phase by the end of CY 2023.

Current Phase:	Design	Budget:	\$3,336,224.00
% Complete:	50%	PO Balance:	\$192,635.77
Design % Complete:	70%	Paid to Date:	\$320,604.73
Construction % Complete:	0%	Balance:	\$2,822,983.50
Updated:	9/11/2023	Contingency:	\$264,696.25
Managed By:	Mike Stumbaugh		
Substantial Completion Date:	12/31/2026		



Capital Projects Report - Facilities and Environmental Services

Transportation

Transportation - 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

All construction activities for the project have been successfully completed. Currently, the design team and our staff are in the process of scheduling independent meetings with each contractor to evaluate any damages incurred due to project delays. Once these assessments are complete and final agreements have been reached with the contractors, our staff will proceed to execute change orders to the contract for the purpose of facilitating the final payment. This final step will officially mark the closure of the project.

Current Phase:	Closeout	Budget:	\$3,078,000.00
% Complete:	100%	PO Balance:	\$118,732.62
Design % Complete:	100%	Paid to Date:	\$2,917,938.07
Construction % Complete:	100%	Balance:	\$41,329.31
Updated:	10/2/2023	Contingency:	\$21,254.17
Managed By:	Walter Harris		
Substantial Completion Date:	8/4/2023		



Capital Projects Report - Facilities and Environmental Services

Transportation

Transportation - 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 Mountain View 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

The Rio Road, Avon Street and Route 250 sections of this project are substantially completed. Sidewalks, paths and crossings are fully open and accessible. Final completion forms are forthcoming, followed by final reimbursements.

Current Phase:	Closeout	Budget:	\$5,005,208.72
% Complete:	99%	PO Balance:	\$63,127.67
Design % Complete:	100%	Paid to Date:	\$4,698,988.36
Construction % Complete:	100%	Balance:	\$243,092.69
Updated:	9/11/2023	Contingency:	\$40,572.19
Managed By:	Mike Stumbaugh		
Substantial Completion Date:	7/5/2023		



Capital Projects Report - Facilities and Environmental Services

Transportation

Transportation-Lambs Lane Loop Study

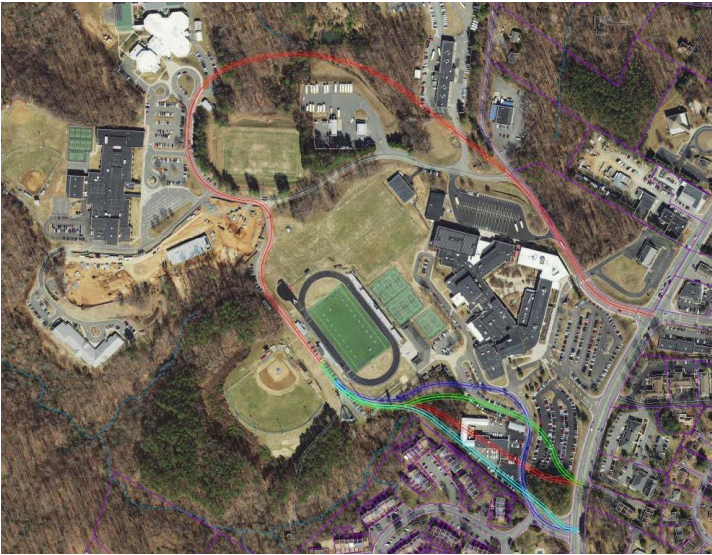
Project Scope

Provide an alternatives analysis study for a proposed Lambs Lane Loop road around the Albemarle High School campus, and an analysis of the Hydraulic Road corridor between Georgetown Road and Lambs Lane. This work will result in receipt of a report and conceptual plans to support VDOT revenue sharing applications by Community Development's Transportation Planning team. Deliverables will include results of a traffic and safety analysis of Hydraulic Road, alternative alignment analysis, preliminary Local Environmental Review Process (LERP), topographic survey, subsurface utility designations, geotechnical investigation, ~ 20% conceptual roadway design, and detailed estimated for the conceptual design plans.

Project Update

The Design Engineer has been progressing with a study for the potential alignments for this roadway, alternate conceptual intersections along Hydraulic Road, and supporting data pertaining to these changes. Information generated through this study is helping to shape future funding options. A virtual meeting update was held 9/8/23, inclusive of Albemarle County Public Schools (ACPS) representatives. ACPS provided the selected location of Center Two, and the ACPS preferred alignment for the Loop Road.

Current Phase:	Design	Budget:	\$175,000.00
% Complete:	20%	PO Balance:	\$86,083.25
Design % Complete:	0%	Paid to Date:	\$80,091.75
Construction % Complete:	0%	Balance:	\$8,825.00
Updated:	9/5/2023	Contingency:	\$8,825.00
Managed By:	Mike Stumbaugh		
Substantial Completion Date:			



Capital Projects Report - Facilities and Environmental Services

Water Resources

Biscuit Run Stream Restoration-North Section

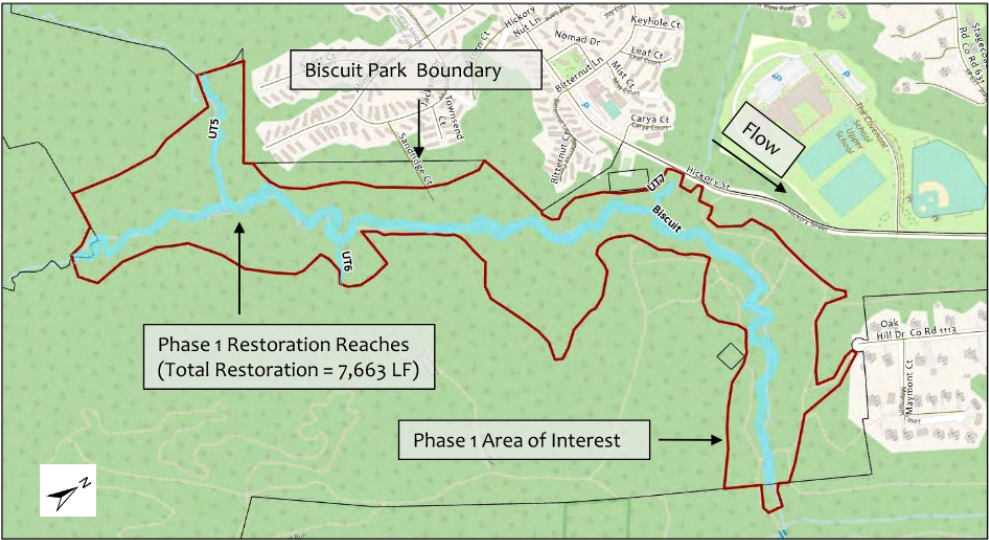
Project Scope

This project provided a restoration master plan for Biscuit Run stream. An environmental consultant, Ecosystem Services, conducted an assessment of the entire stream and is working on the first phase of restoration design which is approximately 1 mile of the stream. The project has been awarded an \$860,000 grant for the stream restoration work to occur through a stormwater local assistance fund. Construction is expected to begin in November 2024.

Project Update

Facilities & Environmental Services (FES) Staff is anticipating sixty percent (60%) design documents for review on October 12, 2023. The Environmental Services Division is preparing for a presentation to the 5th & Avon Community Advisory Committee (CAC) on November 16, 2023. Final design is expected in January 2024. Due to restrictions on tree clearing, stream restoration work is not anticipated to begin until November 15, 2024.

Current Phase:	Design	Budget:	\$356,890.00
% Complete:	20%	PO Balance:	\$92,635.00
Design % Complete:	59%	Paid to Date:	\$249,525.00
Construction % Complete:	0%	Balance:	\$14,730.00
Updated:	10/5/2023	Contingency:	\$14,730.00
Managed By:	Audrey Storm		
Substantial Completion Date:	7/31/2025		



Capital Projects Report - Facilities and Environmental Services

Water Resources

Mint Springs Dam Improvements

Project Scope

The County owns and operates two State-regulated, earthen dams (Upper and Middle) at Mint Springs Valley Park. The dams lie in series, with the Middle dam lying immediately downstream of the Upper dam. This project is to provide spillway enhancements and other associated improvements to both dams which were recently determined to have a high-hazard potential and insufficient capacity.

Project Update

The engineering consultant submitted the final report on September 18, 2023. Staff convened on September 25, 2023, to select the preferred option from the report's recommendations. Subsequent to this decision, staff issued a proposal request to the engineer for design and construction administrative services. It is anticipated that the Environmental Services Division (ESD) will provide funding to continue into the design phase and will concurrently work to secure grant funding for construction.

Current Phase:	Design	Budget:	\$300,000.00
% Complete:	8%	PO Balance:	\$0.00
Design % Complete:	15%	Paid to Date:	\$189,131.00
Construction % Complete:	0%	Balance:	\$110,869.00
Updated:	10/2/2023	Contingency:	\$0.00
Managed By:	Walter Harris		
Substantial Completion Date:			

