

# FES Quarterly Report – February 2023

Facilities & Environmental Services Department, Albemarle County



## Top of the News

### Stream Restoration-Biscuit Run Park

FES staff, in coordination with Parks and Recreation staff, have been doing work to prepare for restoring portions of Biscuit Run – the stream for which the (future) park is named – and have just received notice of a grant award to cover fifty percent of the cost!

Surveys of Biscuit Run’s insects and other macroinvertebrates indicate that the stream is “impaired” – based on the federal and state definition – and is unable to support a healthy aquatic community. A clear culprit of the impairment is the downcutting of the channel and streambank erosion (see photos of existing conditions), which has likely been occurring since the time the surrounding land was used for agriculture. The landscape is no longer used for pasture or crops and forest now covers most of the park. But the stream remains in a highly unstable condition that, without intervention, would likely take decades or centuries to naturally transition into a more stable and balanced state.

Stream restoration would help “reset” how water flows through Biscuit Run – allowing high flows to spread onto adjacent floodplains, reducing overall velocities in the stream channel, reducing streambank erosion, and ultimately lessening the degree to which aquatic habitat is smothered by excessive silt, sand, and clay. Restoring Biscuit Run will also reduce sediment pollution flowing downstream to Moore’s Creek and the Rivanna River, whose aquatic life is also impaired by sediment.

Staff, working with Ecosystem Services LLC, recently completed the *Biscuit Run Stream Restoration Master Plan*. This plan identifies the current condition of stream sections within the park property, the constraints and opportunities for restoration of each section, the ranking of sections based on a variety of characteristics, and the types of intervention required to restore each section.

Based on this work, staff grouped long-term restoration possibilities into four phases, with the first and most intensive phase being done in tandem with the development of nearby recreational amenities, e.g., bridges and trails. Phase 1 (depicted in the image below) is just over a mile in length and is the most downstream portion of the stream within the park. The phase of the project will require the most extensive work, including channel and floodplain grading and the formation of pools and riffles through grade control structures constructed of local wood material and imported rock. The estimated cost of this phase is \$1.72 million.

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### Capital Projects Summary

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### Capital Projects Report

Detailed capital projects scope and updates

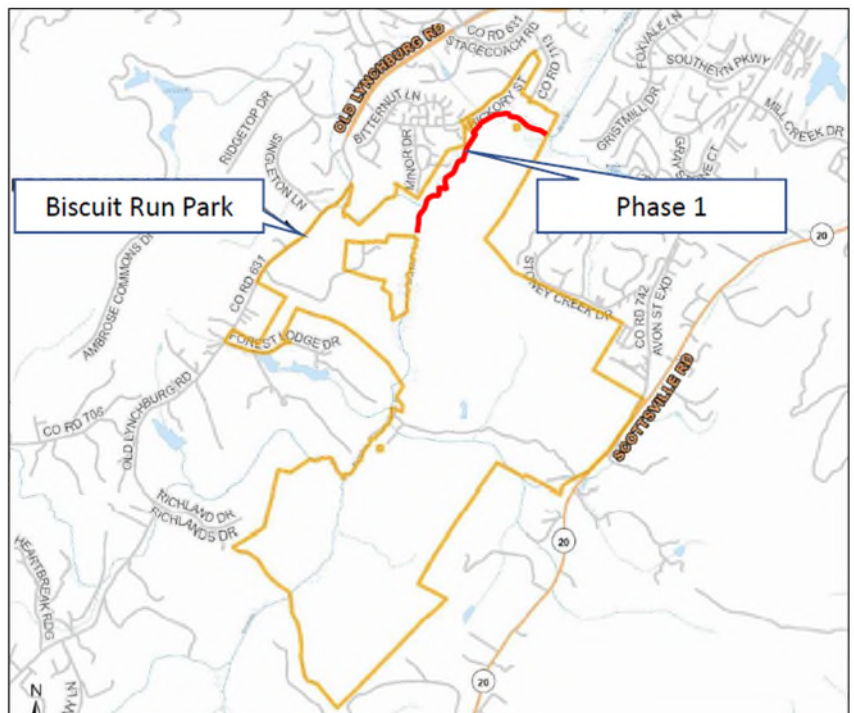


Existing conditions along mainstem of Biscuit Run (photographed May 2021).

On February 1, staff learned that the Virginia Department of Environmental Quality (DEQ) awarded the County (through the Stormwater Local Assistance Fund (SLAF) program) \$859,635 to support the project – half the estimated project cost. DEQ’s award announcement indicated that this project was ranked in first place out of the 35 projects receiving an award this year.

Design of the project has begun and is expected to be completed by the end of calendar year 2023. The construction phase will immediately follow and will likely extend well into 2024. Future stream restoration phases will be completed as funding is available.

The *Biscuit Run Stream Restoration Master Plan* can be found [here](#) on the County’s website.



## Public Safety Operations Center Update

Albemarle County recently entered a 10-year lease for a portion of the former J.C. Penney's building at the Fashion Square Shopping Center which will be utilized by both the Fire-Rescue and Police departments. Fire-Rescue will use their portion of the facility for offices, supply storage, turn out gear cleaning, and fleet maintenance. This is an important facility space as Fire-Rescue currently travels to perform vehicle maintenance at each individual fire station. For Police, this facility will immediately house offices for the Traffic Unit and be utilized for storage. This facility will eventually provide space for Special Operations/Community Support, K-9 Unit, Animal Protection, Mental Health Support, and other file, material, and motorcycle storage needs. This site provides for a central and accessible location within the County and will relieve a long-standing need for additional storage, maintenance and office space that can no longer be provided at the County's 5th Street office building.



The project fosters the reuse of an existing vacant building and re-introduces activities into an increasingly vacant commercial center. The previous “tire shop” area contained 8 bays and is ideal to be re-utilized by the Police. Minor modifications to the exterior of the building and concrete will be made to allow Fire-Rescue vehicles to be maintained inside the facility.

The existing retail space within the mall building will not be impacted by this project and is available for lease by the community for other commercial uses. In consideration of the nearby neighborhoods there will be no publicly accessible services provided at this site and no emergency personnel will be dispatched from this facility. The nearby residential areas are sufficiently distant from the facility and have a vegetative buffer, so the impacts of the proposed use are no more intensive or less extensive than was experienced from the mall at full occupancy.

The facility has already been utilized by Police and Fire-Rescue for training. Selective demolition and abatement work will begin in February 2023. The solicitation to receive bids for the renovation work is currently being posted by Purchasing with renovations expected to be substantially complete by the end of Summer 2023.

# Capital Project Updates

## Upcoming Public Meeting on March 9th: Commonwealth Drive/Dominion Drive Sidewalk Improvements

A public meeting is scheduled in March to present design concepts for the construction of approximately 880 feet of sidewalk and 3 bus stop improvements along Commonwealth Drive from Hydraulic Road to Greenbrier Drive, and 920 feet of sidewalk along Dominion Drive from Commonwealth Drive to Route 29. We hope to see you there!



### Meeting Details

**Date:** Thursday, March 9<sup>th</sup>

**Time:** 5:30 PM – 7:30 PM

**Location:**

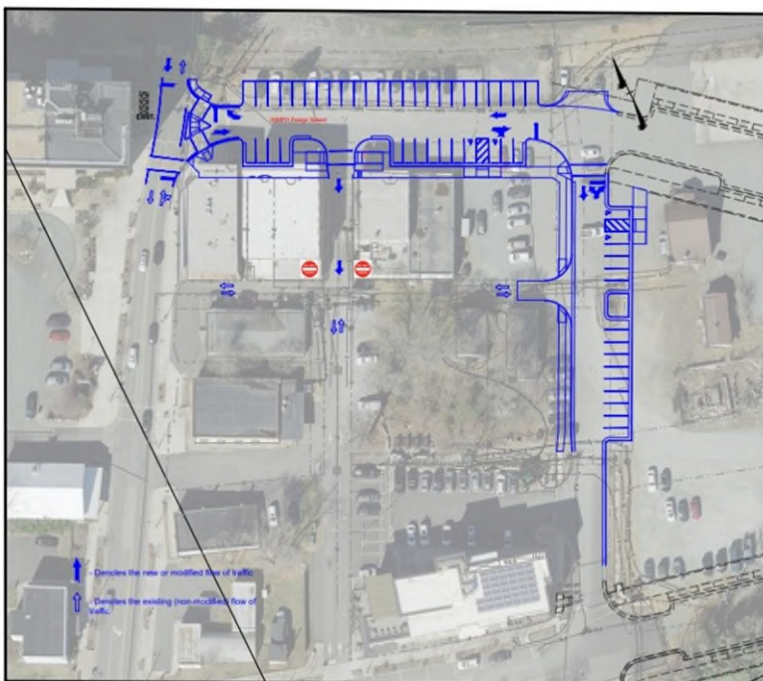
Seminole Place

ACPS High School Center 1

1180 Seminole Trail, Suite 225

Charlottesville, VA 22901

## The Square & Library Avenue Extended



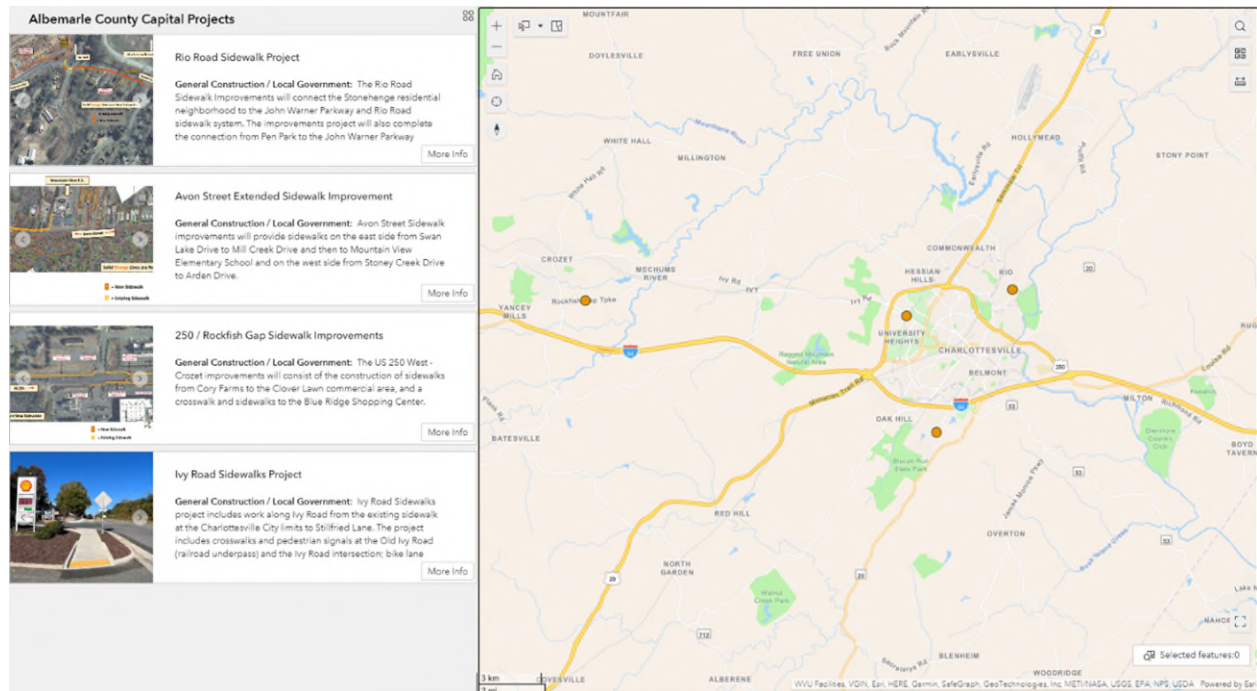
Exciting improvements are coming to downtown Crozet! Upgrades and increased parking will be added to The Square and to Oak Street, ultimately to be accepted into the VDOT system. Library Avenue will be extended, and a connection from The Square will be tied into Hill Top Street. 60 % design plans have been submitted to VDOT for review for both projects. The Square is in the Right of Way acquisition phase concurrent with VDOT's review, with Library Avenue to follow after VDOT's approval of plans.

A more detailed project update can be found within the attachment accompanying this document.

An additional amenity addition for Crozetians to look forward to is a public plaza, currently under design by our partner developer, Crozet New Town Associates.

## Piloting the CIP Interactive WebMap

Recognizing the need to provide public updates on the status of Capital Projects, this winter FES launched a [WebMap](#) to provide a way for project managers to share updates and photos of their active projects. The map-based system, developed by our own Eric Purdy, allows the public to explore the locations of ongoing capital projects and delve deeper by clicking on a project of interest to see updates and photos.



Deputy Chief of Transportation Projects, Mike Stumbaugh, piloted the new system by making updates and uploading photos for each of the ongoing sidewalk projects. Weekly photos as well as information about the construction schedule and traffic impacts could be found on the WebMap.

Moving forward FES intends to use this system to provide information about more capital projects and is coordinating with CAPE and CDD to use the same system to display information about upcoming projects. The eventual goal is to provide a single location where county residents can view the location and details about past, present, and future County Capital Projects.

## Courts Complex Archaeological Investigation

The County's Courts Complex project includes a new General District Court at what is referred to as the Levy Building property adjacent to Court Square at Park and High Streets. This new courthouse will be shared by the County and City of Charlottesville. This project also includes renovations to the historic Levy Building, which was once a community center and later an opera house. When these renovations are complete, the County's Commonwealth Attorney's Office will move into the historic portion of Levy.

During preliminary investigation and design, County staff were notified that there could be historic relics and possibly even graves located in the footprint of the property where the General District Courthouse will be built. Some historical documents suggest that Jack Jouett's father could possibly have been buried on this property. This parcel of land was part of a 100-acre purchase of land by John Jouett Sr., in 1773. He constructed the Swan Tavern the same year at the corner of what is now Park and East Jefferson streets the same year. In 1802, John Jouett Sr., died and oral history states that

because there was no public cemetery for the City of Charlottesville in 1802, John Jouett may have been buried somewhere on his property.

Because there could be cultural resources uncovered and potentially damaged during excavation, it is required that a Phase 1 Archaeological Survey be performed on this site in the asphalt covered parking lot area. The County contracted with two Charlottesville area firms, Rivanna Archaeological Services to perform this study, and S.L. Williamson to perform the asphalt and topsoil removal. This survey includes removing the asphalt, and then shovel and mechanically assisted removal of topsoil. Shovel test pits 1.5 feet in diameter are dug at 20-foot intervals to a depth of approximately 2 feet. Soils are sifted and any artifacts that are recovered are washed, identified, catalogued and GPS coordinates are recorded. A final technical report will be provided.

The field work began on January 9<sup>th</sup> and should be complete by the end of February.



## FES Initiatives

### Market Street Parking Lot

Since the redevelopment of the Levy Opera House to house the new General District Court complex is underway, the archaeological excavation of the parking lot has displaced traditional staff parking. Through a lease agreement with the City of Charlottesville, the parking lot on the corner of 7<sup>th</sup> Street E Market Street is now designated for Albemarle County Courts use.

Monday through Friday from 6am to 5pm, the southern portion of the lot, designated as Lot A, will be permit only parking for Court staff. The northern lot, designated as Lot B, is now available for use Albemarle County Courts visitors. The lots have been marked with new signs and include additional ADA parking. Lots will continue to be available for use by the general public after hours court operating hours.



## Street Sweeping & Vegetation Management Programs



Street sweeping not only makes the streets cleaner, but it is also an important part of stormwater pollution prevention. It prevents unwanted materials from flowing into the storm drains and polluting our streams, creeks, and rivers.

Preparation has intensified for the expected April delivery of the new street sweeper. Diesel fuel and water filling stations needed to be located. Coordination with the Virginia Department of Environmental Quality will ensure the proper disposal of street sweepings. The local VDOT helped us to understand time-of-day restrictions for that sweeper operations are allowed, which varies based on the volume of traffic for each road. Standard Operating Procedures are being written for safe and effective operation of the sweeper. Maintenance plans are being evaluated to keep the unit in tip-top condition for the streets.

One of the biggest hurdles has been the determining the route order for which streets to clean and how often. Approximately 270 lane miles of curbed roads have been identified throughout the County's development areas, with 60 of those miles being the entrance corridors to the urban ring: Barracks Road, Hydraulic Road, Rio Road, 5<sup>th</sup> Street, and Route 20 (North and South). The remainder of the roads are secondary and residential roads. Staff's initial projections have the entrance corridors and high-volume secondary roads swept twice a month, with the remaining secondary and residential roads swept at least twice a year.

Facilities has also been working to clean up other areas around roadways in the County. The FES Grounds Crew, in coordination with County landscaping contractors, have been busy tidying up areas of roadway vegetation that accumulated in the Fall. The streets and sidewalks are safer to traverse, the storm water drains less clogged with material, and they generally look better. Some of the areas have included Commonwealth Drive, Fontaine Ave, Georgetown Road, Hillsdale Drive, Hydraulic Road, and along Greenbrier Drive. In the future, many of these areas will be serviced by the street sweeper.



# Summary - Active Capital Projects

Thursday, February 2, 2023

11:25:46 AM

## Local Government

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
5th St Trail Head Park	Scottsville	Design	1%	\$86,108
Biscuit Run Phase 1a	Scottsville	Design	44%	\$4,621,755
Biscuit Run Phase 1b-Bridges & Boardwalk	Scottsville	Design	1%	\$110,700
Biscuit Run Phase 1b-Greenway Connector	Scottsville	Design	1%	\$95,800
Biscuit Run Phase 1b-Maintenance Bldg.	Scottsville	Design	3%	\$187,380
Byrom Park Electric and Water Upgrade	White Hall	Design	5%	\$73,000
COB 5th Roof Replacement	Scottsville	Construction	95%	\$2,257,441
COB Basement Elevator Lift	NA	Design	10%	\$213,000
COB McIntire UPS Replacement	NA	Closeout	95%	\$200,000
COB5 Voter Registration Upfit	Scottsville	Design	15%	\$45,000
Courts Complex Addition & Renovation	NA	Design	45%	\$49,493,225
Darden Towe New Restroom-Pickleball Cts	Rivanna	Design	38%	\$280,480
DSS Gender Inclusive Bathroom	Scottsville	Contractor Bid	90%	\$80,568
Facilities Master Plan Study	Multiple	Design	33%	\$159,390
Ivy Creek Natural Area Historic Preservation Study	Jack Jouett	Design	40%	\$132,000
Mint Springs Park Upper Lake Improvements	White Hall	Warranty	100%	\$92,000
Public Safety Operations Logistics Center	Rio	Design	45%	\$3,200,000
Schroeder Branch Feasibility Study	Rio	Design	95%	\$173,458
Scottsville Community Ctr Building Upgrades	Scottsville	Contractor Bid	41%	\$150,000
Scottsville Community Ctr Roof	Scottsville	Closeout	95%	\$550,000
Southern Convenience Center	Samuel Miller	Construction	65%	\$1,650,000
			<b>Total:</b>	<b>\$63,851,305</b>

## NIFI

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
NIFI - Albemarle Jouett Greer SRTS	Jack Jouett	Closeout	99%	\$1,096,390
NIFI - The Square	White Hall	Design	14%	\$2,010,000



## NIFI

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
			Total:	\$3,106,390

## Transportation

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Berkmar Bike Ped Improvements	Rio	Design	12%	\$2,890,026
Sidewalk - Commonwealth/Dominion	Jack Jouett	Design	50%	\$3,336,224
Sidewalk - Ivy Road	Multiple		95%	\$3,078,000
Sidewalk - Library Avenue	White Hall	Design	25%	\$8,093,351
Sidewalk - Rio Road, Avon Street & Rt. 250 West-Crozet	Multiple		95%	\$5,005,209
			Total:	\$22,402,810

## Water Resources

Project Name	Magisterial District	ProjectPhase	% Complete	Budget
Biscuit Run Stream Restoration Scope Study	Scottsville	Design	5%	\$356,890
Mint Springs Dam Improvements	White Hall	Design	20%	\$300,000
Woodbrook Lagoon Maintenance and Repairs	Rivanna	Design	45%	\$183,107
			Total:	\$839,997

\$90,200,502

**Jack Jouett**

Project Name	Project Type	ProjectPhase	% Complete	Budget
Ivy Creek Natural Area Historic Preservation Study	Local Government	Design	40%	\$132,000
NIFI - Albemarle Jouett Greer SRTS	NIFI	Closeout	99%	\$1,096,390
Sidewalk - Commonwealth/Dominion	Transportation	Design	50%	\$3,336,224
			<b>Total:</b>	<b>\$4,564,614</b>

**Rio**

Project Name	Project Type	ProjectPhase	% Complete	Budget
Public Safety Operations Logistics Center	Local Government	Design	45%	\$3,200,000
Schroeder Branch Feasibility Study	Local Government	Design	95%	\$173,458
Berkmar Bike Ped Improvements	Transportation	Design	12%	\$2,890,026
			<b>Total:</b>	<b>\$6,263,484</b>

**Rivanna**

Project Name	Project Type	ProjectPhase	% Complete	Budget
Darden Towe New Restroom-Pickleball Cts	Local Government	Design	38%	\$280,480
Woodbrook Lagoon Maintenance and Repairs	Water Resources	Design	45%	\$183,107
			<b>Total:</b>	<b>\$463,587</b>

**Samuel Miller**

Project Name	Project Type	ProjectPhase	% Complete	Budget
Southern Convenience Center	Local Government	Construction	65%	\$1,650,000
			<b>Total:</b>	<b>\$1,650,000</b>

## Scottsville

Project Name	Project Type	ProjectPhase	% Complete	Budget
5th St Trail Head Park	Local Government	Design	1%	\$86,108
Biscuit Run Phase 1a	Local Government	Design	44%	\$4,621,755
Biscuit Run Phase 1b-Bridges & Boardwalk	Local Government	Design	1%	\$110,700
Biscuit Run Phase 1b-Greenway Connector	Local Government	Design	1%	\$95,800
Biscuit Run Phase 1b-Maintenance Bldg.	Local Government	Design	3%	\$187,380
COB 5th Roof Replacement	Local Government	Construction	95%	\$2,257,441
COB5 Voter Registration Upfit	Local Government	Design	15%	\$45,000
DSS Gender Inclusive Bathroom	Local Government	Contractor Bid	90%	\$80,568
Scottsville Community Ctr Building Upgrades	Local Government	Contractor Bid	41%	\$150,000
Scottsville Community Ctr Roof	Local Government	Closeout	95%	\$550,000
Biscuit Run Stream Restoration Scope Study	Water Resources	Design	5%	\$356,890
			Total:	\$8,541,642

## White Hall

Project Name	Project Type	ProjectPhase	% Complete	Budget
Byrom Park Electric and Water Upgrade	Local Government	Design	5%	\$73,000
Mint Springs Park Upper Lake Improvements	Local Government	Warranty	100%	\$92,000
NIFI - The Square	NIFI	Design	14%	\$2,010,000
Sidewalk - Library Avenue	Transportation	Design	25%	\$8,093,351
Mint Springs Dam Improvements	Water Resources	Design	20%	\$300,000
			Total:	\$10,568,351

## Multiple

Project Name	Project Type	ProjectPhase	% Complete	Budget
Facilities Master Plan Study	Local Government	Design	33%	\$159,390
Sidewalk - Ivy Road	Transportation		95%	\$3,078,000
Sidewalk - Rio Road, Avon Street & Rt. 250 West-Crozet	Transportation		95%	\$5,005,209
			Total:	\$8,242,599

**NA**

Project Name	Project Type	ProjectPhase	% Complete	Budget
COB Basement Elevator Lift	Local Government	Design	10%	\$213,000
COB McIntire UPS Replacement	Local Government	Closeout	95%	\$200,000
Courts Complex Addition & Renovation	Local Government	Design	45%	\$49,493,225
			Total:	\$49,906,225
				\$90,200,502

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### 5th St Trailhead Park

#### Project Scope

Development of the proffered parcel at 5th Street Station (TMP #76M1-2A1) for public recreational use. This trail head park will serve as public arrival/entry point to 5th Street Trails Hub, Biscuit Run Connector Greenway, and Biscuit Run Park.

#### Project Update

A kick off meeting with Land Planning & Design Associates (LPDA) and ACPR was held on Wednesday, 1/11/23. Due to performing public engagement and coordination with both the 5th St. Station property and VDOT Smart Scale project it is expected for the concept development to take nine months to complete. Staff anticipates starting the full design in the fall of 2023. If construction is funded then Staff anticipates starting construction in Summer of 2024, and be substantially complete in the fall of 2024.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$86,108.00
<b>% Complete:</b>	1%	<b>PO Balance:</b>	\$17,405.00
<b>Design % Complete:</b>	2%	<b>Paid to Date:</b>	\$0.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$68,703.00
<b>Updated:</b>	2/6/2023		
<b>Managed By:</b>	Tyler Gifford		
<b>Substantial Completion:</b>	8/31/2024		

# 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. 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

The design team has uploaded the existing roadway culvert pipe inspections and Geotechnical Engineering Report on VDOT's ProjectWise review site. The design team has also distributed the Right of Way Plans to VDOT and each utility agency, requesting bluelines and prior rights documentation, while VDOT reviews the plans. Staff is currently working to address a newly developed sitewide endangered bat species habitat issue, concerning tree clearing later this spring. On March 31, 2023, the Northern Long Eared Bat, who's summer roosting habitat can be located within the Biscuit Run Park boundary, is planned to be up-listed from threatened to an endangered species and could cause a delay to the construction of the entrance and parking lot. Per U.S. Fish and Wildlife Services requirements, these habitats cannot be disturbed (particularly addressing clearing and grubbing of trees 4" In caliber and larger) from April 1, 2023 through November 14, 2023. The design team will submit Water Protection Ordinance plans by 2/10/23 for approval by community development to obtain a permit for tree clearing on site before these restrictions go into effect at the end of March. Staff anticipates full construction of the parking lot and entry road to begin in early summer 2023 and to achieve substantial completion of the new park entrance in the fall of 2023.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$4,621,755.00
<b>% Complete:</b>	44%	<b>PO Balance:</b>	\$677,607.62
<b>Design % Complete:</b>	88%	<b>Paid to Date:</b>	\$489,237.82
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$3,454,909.56
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Steve Hoffmann		
<b>Substantial Completion:</b>	10/21/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### Biscuit Run Phase 1b-Bridges & Boardwalk

#### Project Scope

Design and construction of three bridges and approximately 300 ft of boardwalk within Biscuit Run Park to provide a complete trail system for public use and adjacent neighborhood connectivity.

#### Project Update

Staff held a design kick off meeting and site visit with Line+Grade on Wednesday 2/1/23. This preliminary concept design is expected to take three months followed by full design and site plan permitting which will take six months. If construction is funded in FY24 then work is expected to begin in the fall of 2023.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$110,700.00
<b>% Complete:</b>	1%	<b>PO Balance:</b>	\$20,000.00
<b>Design % Complete:</b>	2%	<b>Paid to Date:</b>	\$0.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$90,700.00
<b>Updated:</b>	2/6/2023		
<b>Managed By:</b>	Tyler Gifford		
<b>Substantial Completion:</b>	1/1/2024		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### Biscuit Run Phase 1b-Greenway Connector

#### Project Scope

Design and construction of a 2.3 mile Biscuit Run Connector Greenway Trail from 5th Street Station to the Main Loop Trail in Biscuit Run Park. This Greenway will also provide trail access with adjacent neighborhoods to the 5th St. trail system.

#### Project Update

A kick off meeting with Land Planning & Design Associates (LPDA) and ACPR was held on Wednesday, 1/11/23. Staff will be attending a kick off meeting for the 5th St. Trail Hub Smart Scale project on 2/8/23 to begin coordination with the tie-in to VDOT's project. The concept design and negotiations for required easements are expected to take nine months. Once easement agreements are executed, then design and site plan approval are expected to take another six months. If the required easements can be obtained and the FY24 construction is appropriated, the project is expected to start construction in 2024.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$95,800.00
<b>% Complete:</b>	1%	<b>PO Balance:</b>	\$18,460.00
<b>Design % Complete:</b>	2%	<b>Paid to Date:</b>	\$1,106.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$76,234.00
<b>Updated:</b>	2/6/2023		
<b>Managed By:</b>	Tyler Gifford		
<b>Substantial Completion:</b>	12/31/2024		



# 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 reviewed the study design from the consultant investigating feasibility, schedule and total projected costs for construction of this project. The projected cost estimate came in over budget. In January staff worked with the design consultant to Value Engineer aspects of the design study to bring the construction estimate into alignment with the project budget. Staff has requested a proposal from the design consultant for architectural and site planning design services for a Maintenance Building at Biscuit Run Park.



<b>Current Phase:</b>	Design	<b>Budget:</b>	\$187,380.00
<b>% Complete:</b>	3%	<b>PO Balance:</b>	\$10,720.00
<b>Design % Complete:</b>	5%	<b>Paid to Date:</b>	
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$176,660.00
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Steve Hoffmann		
<b>Substantial Completion:</b>	4/5/2024		

# 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

Staff have received quotes from Central Virginia Electric Cooperative (CVEC) for boring under the road and installing wire to park from the pole to the parking area. Staff is preparing an RFQ for an approved list of contractors from CVEC on trenching from Blackwells Hollow Road to the upper lot to a power pole. ACPR is working to secure potential easements for the new power system. Staff is communicating with the Health Department on the location of the well and what permits will be needed. Staff is working on easement with adjoining property owner to begin work. It is anticipated the electrical and well will be installed by June 2023.



<b>Current Phase:</b>	Design	<b>Budget:</b>	\$73,000.00
<b>% Complete:</b>	5%	<b>PO Balance:</b>	\$0.00
<b>Design % Complete:</b>	2%	<b>Paid to Date:</b>	\$0.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$73,000.00
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Scott Reuschling		
<b>Substantial Completion:</b>	5/31/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### COB 5th Roof Replacement

#### Project Scope

The Partial Roof Replacement at the County Office Building 5th Street entails the removal of all the existing flat EPDM roof systems, and replacement with the installation of a new fully adhered EPDM roof system over tapered insulation. Roof work will also include repairs to the existing skylight features and a full weight load assessment of the roof structural elements for future potential solar array installation. There is a total of 92,300sf of roof to be replaced at this facility.

#### Project Update

The contractor is 100% complete with installation of roof membrane, metal trim and lightning arrest system. The final metal frames for the window installation at each light well were completed in early January - Glass has been ordered and will be delivered mid-February. Skylight installation will be complete 2/5/23 followed by window installation at each light well. The project is slated for final completion by 2/28/23.



<b>Current Phase:</b>	Construction	<b>Budget:</b>	\$2,257,441.00
<b>% Complete:</b>	95%	<b>PO Balance:</b>	\$309,866.65
<b>Design % Complete:</b>	100%	<b>Paid to Date:</b>	\$1,583,248.95
<b>Construction % Complete:</b>	90%	<b>Balance:</b>	\$364,325.40
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Steve Hoffmann		
<b>Substantial Completion:</b>	2/17/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### COB Basement Elevator Lift

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#### Project Scope

The existing 50 year old lift at the basement has failed and needs to be rebuilt or replaced in order to continue providing maintenance to HVAC equipment.

#### Project Update

County Staff have received the quote from the lift manufacturer for the full replacement of the lift and is processing a Purchase Order. Depending on the lead times of materials, work is to begin by early summer and be substantially complete in September.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$213,000.00
<b>% Complete:</b>	10%	<b>PO Balance:</b>	\$112,288.00
<b>Design % Complete:</b>	45%	<b>Paid to Date:</b>	\$0.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$100,712.00
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Scott Reuschling		
<b>Substantial Completion:</b>	10/1/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

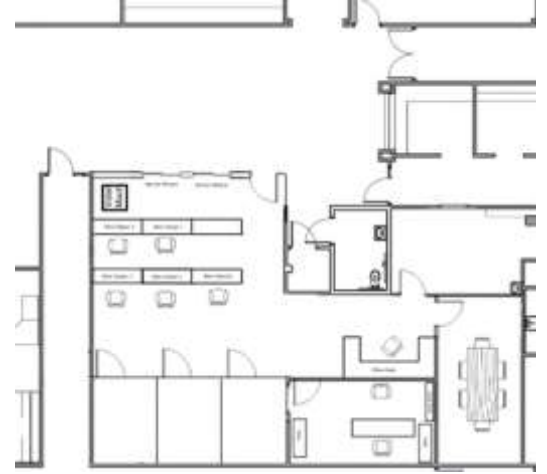
### COB5 Voter Registration Upfit

#### Project Scope

Upfit to the Voter Registration at COB 5th Street. County staff is working on increasing existing space to add three (3) staff offices, five (5) volunteer workstations, a conference room, and an area for public access to a voter machine, and storage area.

#### Project Update

County Staff have developed a new layout with Voter Registration and is working on the RFQ for this project. This project is expected to be posted for solicitation in late February 2023, construction work to occur during summer 2023 and be complete prior to the November election cycle.



**Current Phase:** Contractor Bid

**% Complete:** 45%

**Design % Complete:** 90%

**Construction % Complete:** 0%

**Updated:** 2/3/2023

**Managed By:** Scott Reuschling

**Substantial Completion:** 9/29/2023

**Budget:** \$45,000.00

**PO Balance:** \$0.00

**Paid to Date:** \$0.00

**Balance:** \$45,000.00

# 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 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

Archaeological survey test holes are completed and have moved into phase two the removal of topsoil. This phase is anticipated to be complete within three weeks depending on weather. Design Team submitted 100% Construction Drawings for the East Site (General District Court only) on 1/20/23. Contractor has started pricing for the guaranteed maximum price (GMP) which is due for County review on 2/28/23. East Site Construction is expected to begin in the Spring of 2023 and be complete by 2025.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$49,493,225.00
<b>% Complete:</b>	45%	<b>PO Balance:</b>	\$1,857,225.76
<b>Design % Complete:</b>	75%	<b>Paid to Date:</b>	\$3,785,625.65
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$43,866,516.64
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Walter Harris		
<b>Substantial Completion:</b>	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, with integral covered shelter and adjacent parking; all near the existing tennis / pickleball courts.

#### Project Update

Preparation of construction documents is currently underway. Staff will prepare and submit a Letter of Revision of the proposed site work as an update to the currently approved site plan for the park as soon as placement of the facility is finalized. There are no active risks to the site or project other than the current high cost and delayed availability of some building components. Design is currently underway and will wrap up in late-Winter '23. Bidding will occur during early-Spring '23 with construction occurring between late-Spring '23 and late-Fall '23. Substantial Completion is anticipated by 11-20-23, Final Completion by 12-15-23 and Project Close-Out by 01-12-24.



<b>Current Phase:</b>	Design	<b>Budget:</b>	\$280,480.23
<b>% Complete:</b>	38%	<b>PO Balance:</b>	\$89,578.00
<b>Design % Complete:</b>	29%	<b>Paid to Date:</b>	\$0.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$190,902.23
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Montie Breeden		
<b>Substantial Completion:</b>	11/20/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### DSS Gender Inclusive Bathroom

#### Project Scope

Provide construction documents and a cost opinion to convert women's bathroom A220 at the Department of Social Services in COB 5th St. from a traditional restroom to a Gender-neutral restroom under the 2021 International Plumbing code. It is anticipated that funding will be available from Facilities and Maintenance department for this new restroom to continue into procurement and renovation work.

#### Project Update

County staff is working on finalizing the RFQ package which is scheduled to be posted on 2/21/23, a Pre-bid meeting will be scheduled for the end of February and bids will be due 3/28/23. Construction will begin in late April 2023 and be substantially completed by mid-July.



<b>Current Phase:</b>	Contractor Bid	<b>Budget:</b>	\$80,568.00
<b>% Complete:</b>	30%	<b>PO Balance:</b>	\$0.00
<b>Design % Complete:</b>	85%	<b>Paid to Date:</b>	\$13,404.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$67,164.00
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Scott Reuschling		
<b>Substantial Completion:</b>	7/21/2023		



# Capital Projects Report - Facilities and Environmental Services

## Local Government

### Facilities Master Plan Study

#### Project Scope

The purpose of the Facilities Master Plan is to assess existing and future space needs (20-year window) of County functions, and make recommendations to ensure adequate spaces. Assessment will also include opportunities to improve customer interface. Recommendations may include additions to assorted County facilities, potential space leasing, and/or new construction, but will account for space-saving opportunities associated with employee teleworking.

#### Project Update

Staff received a proposal from the consultant for the next phase (reconfiguration of Social Services spaces) and a Task Order was created and sent to Purchasing on 1/30/23. Once executed, staff will conduct a kick-off meeting with consultant and Department of Social Services leadership team. The programming and subsequent conceptual design will take approximately 5 months.



<b>Current Phase:</b>	Design	<b>Budget:</b>	\$159,390.00
<b>% Complete:</b>	33%	<b>PO Balance:</b>	\$0.00
<b>Design % Complete:</b>	33%	<b>Paid to Date:</b>	\$142,768.68
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$16,621.32
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Blake Abplanalp		
<b>Substantial Completion:</b>	7/1/2024		

# 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 Ivy Creek Natural Area Foundation has been working directly with a consultant on the Level 1 Study and has identified some construction-related projects that need to be conducted now in order for the study to be completed. Scopes of work will be developed and quotes will be sought for the work which will be completed over the late-Winter '23 to early-Spring '23 timeframe. Their consultant has also identified work that needs to be conducted by a surveyor as well as an archeology specialist. Upon finalization of the survey scope of work, the County will hire a civil engineering and archeological firms. Six to eight months have been scheduled to complete the Level 1 Study and the final report is expected by late-Summer of 2023. This study will provide guidance on the nature and extent of future work.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$132,000.00
<b>% Complete:</b>	40%	<b>PO Balance:</b>	\$0.00
<b>Design % Complete:</b>	25%	<b>Paid to Date:</b>	\$0.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$132,000.00
<b>Updated:</b>	1/30/2023		
<b>Managed By:</b>	Montie Breeden		
<b>Substantial Completion:</b>	7/30/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### Mint Springs Park Upper Lake Improvements

#### Project Scope

Design and construction for replacement of existing dam valve and new access platform.

#### Project Update

The project team met on-site for the punch list meeting on 1/18/23. The contractor had completed all work, performed the owner training, and provided the Owner's Manuals and Warranty forms. This project is complete.



<b>Current Phase:</b>	Warranty	<b>Budget:</b>	\$92,000.00
<b>% Complete:</b>	100%	<b>PO Balance:</b>	\$75,012.60
<b>Design % Complete:</b>	100%	<b>Paid to Date:</b>	\$12,306.40
<b>Construction % Complete:</b>	100%	<b>Balance:</b>	\$4,681.00
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Walter Harris		
<b>Substantial Completion:</b>	2/3/2023		

# 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

This is a phased construction project. The contract for phase one of demolition has been awarded and work is to begin the 1st week of February. This work is scheduled to be complete in 30 days.

County staff have reviewed next phase drawings with comments that are being addressed by A/E. Final bid package to be returned to County staff from the AE by mid-February 2023. The remaining scope of work is expected to be released for bid by late February. Construction is to begin in mid-March 2023.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$3,200,000.00
<b>% Complete:</b>	45%	<b>PO Balance:</b>	\$211,250.60
<b>Design % Complete:</b>	75%	<b>Paid to Date:</b>	\$189,160.40
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$2,799,589.00
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Scott Reuschling		
<b>Substantial Completion:</b>	7/31/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### Schroeder Branch Feasibility Study

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#### Project Scope

Professional Services for the development of a study to analyze the possible relocation of Albemarle Public Schools (ACPS) Vehicle Maintenance Facility, Building Services Department, as well as Local Government potential projects that include a Convenience Center, Recycling Center, Maintenance Facility, storage facilities for various County departments and trails for Parks & Recreation. The study will identify and confirm potential uses for the parcel, identify challenges and risks associated with development of this parcel, provide exhibits illustrating test fits for multiple facilities, and provide estimates for work associated with development.

#### Project Update

Final Draft Report received and staff made presentation with findings to Executive office on 1/13/23. Additional discussion to take place early in CY23.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$173,458.00
<b>% Complete:</b>	95%	<b>PO Balance:</b>	\$16,271.00
<b>Design % Complete:</b>	98%	<b>Paid to Date:</b>	\$146,107.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$11,080.00
<b>Updated:</b>	1/16/2023		
<b>Managed By:</b>	Blake Abplanalp		
<b>Substantial Completion:</b>	2/15/2023		

# 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, and awning and modifications to existing ADA ramp to meet current ADA standards 5. Main Entrance Restroom renovation.



#### Project Update

The bid package was posted on January 24, 2023, with a pre-bid meeting on February 1, 2023. Bids are due February 28, 2023. Construction is to begin in late March.

<b>Current Phase:</b>	Contractor Bid	<b>Budget:</b>	\$150,000.00
<b>% Complete:</b>	41%	<b>PO Balance:</b>	\$7,265.20
<b>Design % Complete:</b>	99%	<b>Paid to Date:</b>	\$19,653.80
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$123,081.00
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Scott Reuschling		
<b>Substantial Completion:</b>	7/28/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### Scottsville Community Ctr Roof

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#### Project Scope

Scottsville Community Center Roof Replacement Scope includes assessment and design for replacing approximately 16,000SF of roofing including the Gym Roof.

#### Project Update

Substantial completion was achieved in mid- January. Completion of the final punch list is scheduled to be completed by February 9, 2023.

<b>Current Phase:</b>	Closeout	<b>Budget:</b>	\$550,000.00
<b>% Complete:</b>	95%	<b>PO Balance:</b>	\$331,990.57
<b>Design % Complete:</b>	100%	<b>Paid to Date:</b>	\$180,234.79
<b>Construction % Complete:</b>	90%	<b>Balance:</b>	\$37,774.64
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Scott Reuschling		
<b>Substantial Completion:</b>	1/13/2023		

# Capital Projects Report - Facilities and Environmental Services

## Local Government

### Southern Convenience Center

#### Project Scope

In coordination with the Rivanna Solid Waste Authority, design and construction of a solid-waste convenience center to service Southern Albemarle County. Budget includes all costs associated with on-site amenities, including the purchase of containers and compactors. The design includes a bid additive item to extend the bounds of the project to the east, to accommodate an additional household waste compactor, should demand for this service element be high.

#### Project Update

Contractor is pricing up a proposal for changes by Owner (Rivanna) to electrical design. The redesign and some weather constraints have resulted in the contractor temporarily pulling off the site. They will remobilize in late February and continue conduit and concrete installation. Project completion is currently anticipated to be in May of 2023.



<b>Current Phase:</b>	Construction	<b>Budget:</b>	\$1,650,000.00
<b>% Complete:</b>	70%	<b>PO Balance:</b>	\$0.00
<b>Design % Complete:</b>	100%	<b>Paid to Date:</b>	\$60,137.34
<b>Construction % Complete:</b>	50%	<b>Balance:</b>	\$1,650,000.00
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Lance Stewart		
<b>Substantial Completion:</b>	5/15/2023		



# 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

VDOT and County staff walked the site on 12/16/22 confirming the contractor had achieved substantial completion. The contractor is currently working on the final Punch List work to close out this project. Safety fence and erosion control measures will remain partially in place until project closeout early this spring. The contractor will have to wait for a little warmer conditions to reach final stabilization of the site and achieve mature grass growth.

<b>Current Phase:</b>	Closeout	<b>Budget:</b>	\$1,096,390.48
<b>% Complete:</b>	99%	<b>PO Balance:</b>	\$186,620.77
<b>Design % Complete:</b>	100%	<b>Paid to Date:</b>	\$871,690.87
<b>Construction % Complete:</b>	98%	<b>Balance:</b>	\$37,000.19
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Steve Hoffmann		
<b>Substantial Completion:</b>	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

The Design Engineer (Kimley-Horn Associates) submitted revised 60% plans, addressing VDOT's latest comments. Kimley-Horn will be setting a meeting with the County and VDOT to confirm all comments have been addressed, and so scope closure and 60% design approval can be completed. The Design Engineer Sub-Consultant (ERM) is actively engaged with the land owners for acquisition of Right of Way (ROW) necessary for this project. Negotiations with the Virginia Passenger Rail Authority (VPRA) will require diligence. One of the parcels will be affected by the Oak Street Resolution, which will go before the Board of Supervisors (BOS) in consent agenda on 2/15/23.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$2,010,000.00
<b>% Complete:</b>	14%	<b>PO Balance:</b>	\$72,837.72
<b>Design % Complete:</b>	50%	<b>Paid to Date:</b>	\$204,177.68
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$1,732,984.00
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Mike Stumbaugh		
<b>Substantial Completion:</b>	6/23/2024		

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



#### Project Update

The Design Engineer (AMT) submitted the segment 2 design waiver package into the VDOT software system for review and analysis. Discussions with VDOT Culpeper District Staff, County Staff, and the Design Engineer resulted in pathway options that will augment the waiver request comments. Discussions with property owners are necessary to determine the final design waiver package. An engineer's opinion of probable cost and revised schedule will be provided by the Design Engineer based on the selected shared use path routing.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$2,890,026.00
<b>% Complete:</b>	12%	<b>PO Balance:</b>	\$275,400.00
<b>Design % Complete:</b>	25%	<b>Paid to Date:</b>	\$224,286.86
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$2,390,338.94
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Mike Stumbaugh		
<b>Substantial Completion:</b>	8/13/2025		

# Capital Projects Report - Facilities and Environmental Services

## Transportation

### Sidewalk - 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 (Kimley-Horn) submitted the 60% design package, including the drawings and a Basis of Design (BOD) memorandum to VDOT for review. VDOT is using the 60% design submission to provide estimated costs associated with Right of Way (ROW) Services for the project. A Public Hearing is scheduled for Thursday 3/9/23 as a forum to inform the public. The current schedule shows entering the ROW phase by November 2023.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$3,336,224.00
<b>% Complete:</b>	50%	<b>PO Balance:</b>	\$251,446.48
<b>Design % Complete:</b>	62%	<b>Paid to Date:</b>	\$249,192.68
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$2,835,584.84
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Mike Stumbaugh		
<b>Substantial Completion:</b>	12/31/2026		

# 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

Contractors completed installation of storm system, concrete work, and asphalt work. Significant issues were determined to be out of compliance for asphalt profiles and pavement markings as compared to the drawings and specifications. Each contractor provided a Corrective Action Plan (CAP) that was not acceptable. VDOT is informed and will be involved in CAP evaluations. Discussions continue to determine the final resolution. A meeting will be scheduled with essential active parties to nail down an appropriate overall Corrective Action Plan (CAP). Any corrective actions will need to wait until suitable weather arrives in spring 2023. VDOT understands and agrees with this plan.

<b>Current Phase:</b>		<b>Budget:</b>	\$3,078,000.00
<b>% Complete:</b>	95%	<b>PO Balance:</b>	\$548,733.73
<b>Design % Complete:</b>	100%	<b>Paid to Date:</b>	\$2,470,295.55
<b>Construction % Complete:</b>	95%	<b>Balance:</b>	\$58,970.72
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Walter Harris		
<b>Substantial Completion:</b>	4/28/2023		

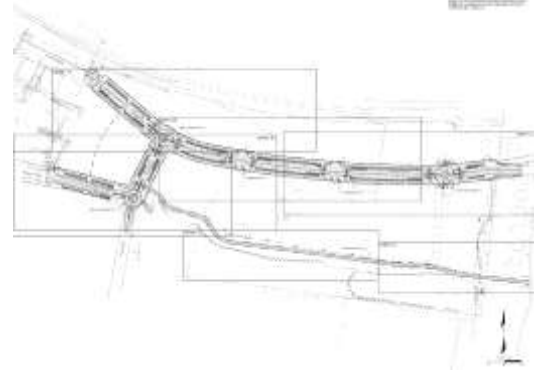
# Capital Projects Report - Facilities and Environmental Services

## Transportation

### Sidewalk - Library Avenue

#### 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

The Design Engineer (Timmons Group) has engaged in utility coordination with Albemarle County Service Authority (ACSA) and the comments and questions from both VDOT and ACSA personnel have been addressed. The resubmittal of the VDOT 60% plans, County Utility Plans and WPO Plans are scheduled to take place by 2/3/23. Another round of discussions with VDOT is anticipated. Once approved, Right of Way (ROW) acquisition will be authorized. Revised engineer's opinion of probable cost and schedule will follow.

<b>Current Phase:</b>	Design	<b>Budget:</b>	\$8,093,351.00
<b>% Complete:</b>	25%	<b>PO Balance:</b>	\$0.00
<b>Design % Complete:</b>	65%	<b>Paid to Date:</b>	\$0.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$8,093,351.00
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Blake Abplanalp		
<b>Substantial Completion:</b>	5/14/2024		

# 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 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 section is substantially completed. Sidewalk, asphalt path and signalization are completed. The substantial completion inspection was held 10/20/22.

The Rt. 250 Rockfish Gap Road portion of the project has seen concrete sidewalk and asphalt pathway completed. Railing along the asphalt path has been installed. The at-grade pedestrian crossing refuge island is completed. The pedestrian refuge island flashing beacons are installed. Final pavement markings are completed. The substantial completion inspection was held 10/27/22.

Stormwater structures and concrete sidewalk along the southern terminus of the Avon Street portion of the project are completed. Stormwater structures and concrete sidewalk along the northern terminus of the Avon Street portion of the project are also completed. Substantial completion inspection was held 1/13/23.

The Contractor is now actively involved in substantial completion punch lists and required project submittal requirements. A date for final completion is forthcoming.

<b>Current Phase:</b>		<b>Budget:</b>	\$5,005,208.72
<b>% Complete:</b>	95%	<b>PO Balance:</b>	\$521,293.96
<b>Design % Complete:</b>	100%	<b>Paid to Date:</b>	\$4,232,079.77
<b>Construction % Complete:</b>	95%	<b>Balance:</b>	\$251,834.99
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Mike Stumbaugh		
<b>Substantial Completion:</b>	1/31/2022		

# Capital Projects Report - Facilities and Environmental Services

## Water Resources

### Biscuit Run Stream Restoration Scope Study

#### Project Scope

This project is to provide a restoration master plan for Biscuit Run stream. Ecosystem Services has been hired to conduct an assessment and provide the study which consists of four phases; A) Constraints and opportunities analysis, B) Restoration prioritization, C) Conceptual design approach and future phasing of work, and D) Stakeholder coordination.

#### Project Update

Surveying work is underway and will continue through the end of March 2023. In April the environmental consultant will use the surveying information to begin working on the design documents. The design is anticipated to continue until the end of the 2023 calendar year. Construction work is anticipated to begin before April 1, 2024, and be substantially complete by the end of the 2024 calendar year. The FES Environmental Services division was recently ranked the highest submission by DEQ for a stormwater local assistance fund and awarded an \$860,000 grant for the stream restoration work to occur.



<b>Current Phase:</b>	Design	<b>Budget:</b>	\$356,890.00
<b>% Complete:</b>	5%	<b>PO Balance:</b>	\$280,270.00
<b>Design % Complete:</b>	10%	<b>Paid to Date:</b>	\$56,890.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$19,730.00
<b>Updated:</b>	2/3/2023		
<b>Managed By:</b>	Steve Hoffmann		
<b>Substantial Completion:</b>	1/30/2025		



# 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 valve replacement project wrapped up on 1/18/23, allowing the Engineering Consultant to complete the existing conditions survey. The remainder of the preliminary assessment work is due by the end of February, with the final report and design recommendations by the end of March. The project is anticipated to be solicited for construction and substantially complete in mid to late 2024.



<b>Current Phase:</b>	Design	<b>Budget:</b>	\$300,000.00
<b>% Complete:</b>	20%	<b>PO Balance:</b>	\$164,775.60
<b>Design % Complete:</b>	40%	<b>Paid to Date:</b>	\$13,110.40
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$122,114.00
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Walter Harris		
<b>Substantial Completion:</b>	7/31/2024		

# Capital Projects Report - Facilities and Environmental Services

## Water Resources

### Woodbrook Lagoon Maintenance and Repairs

#### Project Scope

Monitoring of lagoon via the use of stream gauges, barometer and rain gauge, for several months, to inform the design for corrective measures to address: 1) berm failure, 2) wetland inflow, 3) stream bypass, 4) access road, and 5) outfall. Upon completion of design scope of work the County will contract, via task order, with one of its hourly site contractors to implement the corrections.

#### Project Update

The consultant, EcoSystems, developed a performance plan for mitigation measures and Staff met with a term earthwork contractor on 1/24/23. The Contractor is preparing a cost proposal in order to execute a Task Order by the end of February or early March. The maintenance and repair work is expected to begin in April 2023 with completion by the summer of 2023. Access to the trail through the lagoon will be impacted during construction, however will ultimately provide a safer, more accessible and healthy trail.



<b>Current Phase:</b>	Design	<b>Budget:</b>	\$183,107.00
<b>% Complete:</b>	45%	<b>PO Balance:</b>	\$58,370.00
<b>Design % Complete:</b>	95%	<b>Paid to Date:</b>	\$14,737.00
<b>Construction % Complete:</b>	0%	<b>Balance:</b>	\$110,000.00
<b>Updated:</b>	2/1/2023		
<b>Managed By:</b>	Tyler Gifford		
<b>Substantial Completion:</b>	8/1/2023		