

Quarterly CIP Report

As of December 31, 2023



UNIONCOUNTY
north carolina

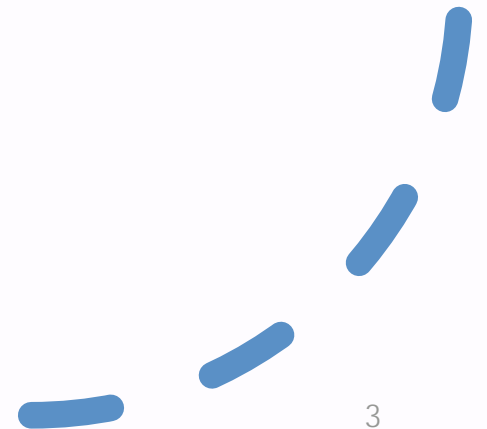


Table of Contents

- Changes in Budget Appropriation from Prior Quarter.....3
- Program Summary for General CIP Fund.....4
- Project Summary for General CIP Fund.....5
- Major General Capital Improvement Projects.....10
- Program Summary for UC Water CIP Fund.....21
- Project Summary for UC Water CIP Fund22
- Major UC Water Capital Improvement Projects.....27
- Program Summary for Solid Waste CIP Fund48
- Project Summary for Solid Waste CIP Fund.....49
- Major Solid Waste Capital Improvement Projects.....50
- Program Summary for UCPS CIP Fund53
- Project Summary for UCPS CIP Fund54

Changes in Budget Appropriation from Prior Quarter:

- The only change that took place in this quarter included a \$1,300,000 increase to Potter – Pleasant Plains Intersection Wastewater Improvements project in the Water and Sewer Capital Project fund, transferred from Wastewater R&R Program budget from Pay Go Cash allocation.



Program Summary For General CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

GENERAL CAPITAL PROJECT FUND

Fund 400

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80000	Ag Center Facility Expansion & Improvement	\$ 3,625,581	\$ 2,743,121	\$ -	\$ 882,460
80001	Board of Elections	4,877,674	4,498,443	222,318	156,913
80002	Emergency Management	32,094,933	24,330,738	2,034,289	5,729,906
80003	Facilities Maintenance and Renovations	33,737,753	16,453,704	1,743,383	15,540,666
80005	Growth Management	775,000	275,000	500,000	-
80008	IT Infrastructure & Enhancement	5,127,620	2,145,307	257,229	2,725,085
80009	Jail Maintenance, Replacement & Expansion	9,197,193	218,851	2,879,354	6,098,988
80010	Jesse Helms Park Development	500,000	-	19,500	480,500
80011	Law Enforcement Facilities Exp & Ren	28,308,653	27,331,410	576,288	400,955
80012	Library Expansion and Development	14,817,414	12,433,440	2,303,308	80,666
80013	Park Development and Renewal	1,811,324	895,140	155,314	760,870
80014	SPCC CIP	82,967,092	29,113,660	-	53,853,432
80015	Tax Assessment Software	489,048	489,048	-	-
80016	Economic Development	22,012,405	21,115,316	1,500	895,589
80019	Public Safety Partner Agencies	4,132,000	1,865,116	-	2,266,884
TOTAL TO DATE		\$244,473,690	\$143,908,295	\$ 10,692,482	\$ 89,872,913

Project Summary For General CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80046	IT Infrastructure	\$ 1,588,238	\$ 1,358,353	\$ 2,783	\$ 227,102
80060	Phone System Upgrade	655,000	547,232	28,650	79,118
80062	Historic Courthouse Renovations	1,990,503	1,846,101	52,491	91,912
80067	SPCC - Deferred Capital Maintenance	200,000	150,000	-	50,000
80069	County Facilities Repair	4,695,325	2,123,742	609,006	1,962,577
80076	SPCC Technology	350,000	262,500	-	87,500
80077	SPCC HVAC And Security	200,000	150,000	-	50,000
80078	SPCC Resurf Of Parking Lot	467,100	-	-	467,100
80079	SPCC Parking	345,000	-	-	345,000
80080	UCSO Renovations	27,430,016	27,063,412	136,640	229,964
80087	School Radio Bi-Directional	1,200,000	1,200,000	-	-
80092	SPCC - STEM building	19,873,539	19,873,539	-	-
80093	SPCC - Renovation - Building A	10,740,000	6,996,119	-	3,743,881
80094	SPCC - Renovation - Building B	1,800,000	253,027	-	1,546,973
80095	SPCC - Classroom Bldg, West UC	24,900	24,900	-	-
80096	Southwest Union Library	14,817,414	12,433,441	2,303,308	80,665
80098	Planning NC DOT Projects	775,000	275,000	500,000	-
80099	EDC Industrial Park	21,212,405	21,115,315	1,500	95,590

Project Summary For General CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80100	Cane Creek Camp Store	700,000	45,654	15,046	639,300
80104	911 Center Renovations and Expansion	721,790	721,790	-	-
80105	Radio Towers SW Union	2,520,335	1,020,427	691,214	808,694
80106	Radio Microwave Replacement	482,774	257,118	225,656	-
80107	Board of Elections Renovations	4,877,674	4,498,443	222,318	156,913
80109	Emergency Services Complex	16,415,120	16,035,941	134,005	245,174
80112	Jail Block Renovations	1,950,000	-	-	1,950,000
80113	UC Jail Generator Replacement	295,000	254	249,199	45,547
80119	JHP Improvements 4H Arena	2,743,121	2,743,121	-	-
80120	CC Park Campground R&R	475,070	347,527	41,900	85,643
80123	Government Center - Bldng Envelope Repairs	1,600,000	683,515	26,869	889,616
80125	Historic Courthouse Renovations Phase 2	1,725,000	-	-	1,725,000
80126	Jail Door Controls and Cell Locks Upgrade	2,922,193	216,097	2,630,155	75,941
80130	Library R&R FY 2020	75,000	75,000	-	-
80131	Operating Capital County	2,468,351	1,268,112	168,679	1,031,560
80132	Operating Capital UCSO	800,000	277,439	43,112	479,449
80134	Parks and Rec R&R	636,254	501,960	98,367	35,928
80135	UCSO R&R	1,329,000	393,028	6,092	929,880

Project Summary For General CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80138	City of Monroe Donation	350,000	350,000	-	-
80141	UCPS Debt Service Transfer	2,500,000	2,500,000	-	-
80142	GC Electrical Infrastructure	1,040,000	231,214	225,604	583,182
80145	UC Jail Domestic Water Source	65,000	-	-	65,000
80146	Ag Center - Generator & Infrastructure	350,000	6,180	21,120	322,700
80147	Government Center - Replace Liebert Unit 3F	40,000	21,500	-	18,500
80156	Library Replace Metal Arc Pane	857,712	11,040	2,760	843,912
80157	Radio Replacements	1,270,878	973,035	91,018	206,825
80158	Pictometry Phase 2	489,048	489,048	-	-
80159	Progress Building	6,803,794	6,563,355	97,532	142,907
80160	Radio Shop Renovation	993,455	64,890	865,567	62,999
80161	SPCC Camera System	239,400	92,942	-	146,458
80162	SPCC Access Controls	2,197,780	299,492	-	1,898,288
80163	Radio Backhaul	559,000	553,935	-	5,065
80164	VFD Air Packs	1,832,000	1,110,487	-	721,513
80165	Radio Replacements	3,285,376	3,285,376	-	-
80166	Event Center JHP Support Build	882,460	-	-	882,460
80167	JHP Amenities Improvements	500,000	-	19,500	480,500

Project Summary For General CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80168	UPS Infrastructure Upgrades	225,000	39,592	-	185,408
80169	Radio Towers - HVAC System Replacement	64,000	-	-	64,000
80170	JC - Generator Replacement	225,000	-	-	225,000
80171	Animal Shelter - Replace UPS	30,000	-	-	30,000
80172	JC - Server Room Split System	90,000	23,855	-	66,145
80173	UC Jail - Replace Washers/Dryers	435,000	10,208	365,866	58,926
80174	UCPS - Replace Generator	121,649	-	93,258	28,391
80176	Short-Term Fire Training Needs	1,500,000	9,500	25,000	1,465,500
80177	Pictometry Phase III	463,000	225,796	225,796	11,408
80178	UCSO Crime Lab	878,637	267,998	439,649	170,990
80179	SPCC Aseptic Training Center	11,075,100	688,406	-	10,386,694
80181	Emergency Management Equipment	216,296	208,728	1,829	5,739
80182	Public Records Request System	40,542	13,926	-	26,617
80183	SPCC-Center for Entrepreneurship	32,725,000	174,490	-	32,550,510
80184	SPCC-CAMPUS IMPROV PHASE I	641,273	-	-	641,273
80185	SPCC-BLD A RESTROOMS	238,000	-	-	238,000
80186	SPCC-HVAC-BRASWELL BLDG	300,000	148,245	-	151,755
80187	EDC BARN PROJECT	800,000	-	-	800,000

Project Summary For General CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

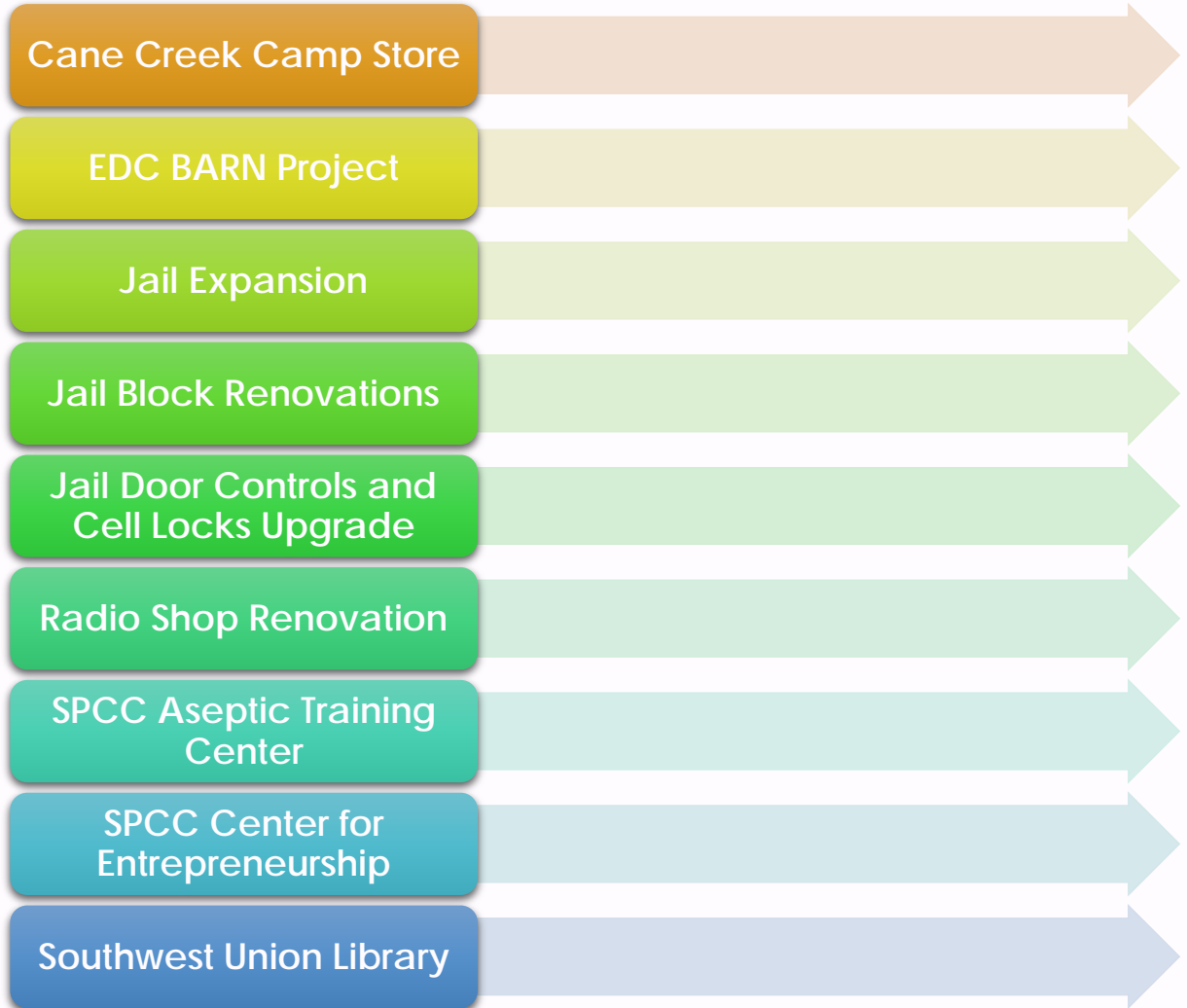
As of December 31, 2023

GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80188	UC Jail Expansion Phase I	3,600,000	2,500	-	3,597,500
80189	UC Jail Rooftop HVAC Replaceme	365,000	-	-	365,000
80190	JC and GC Renovations Phase I	5,447,419	-	-	5,447,419
80191	UC Emgncy Shelter Electrical	175,000	-	-	175,000
80192	Security System Upgrades	200,000	29,824	30,994	139,182
80193	Union EMS Capital Projects	2,300,000	754,629	-	1,545,371
80194	P25 Simulcast TDMA Conversion	2,455,154	-	-	2,455,154
80195	VHF Simulcast Paging System	474,755	-	-	474,755
80196	Cloud Migration	240,000	-	-	240,000
80197	Storage Area Network Refresh	300,000	-	-	300,000
80198	Pictometry Imagery Phase IV	440,840	-	-	440,840
80199	UC Progress Building Ph II	100,000	-	-	100,000
80200	Phone System Replacement	1,000,000	-	-	1,000,000
80201	Network Segmentation Enhancmnt	200,000	-	-	200,000
80202	Physical Server Refresh	200,000	-	-	200,000
80203	SPCC-Make Up Air Unit	75,000	-	-	75,000
80204	SPCC-Website Redesign	200,000	-	-	200,000
80205	SPCC-Bldg A Salon Renovation	775,000	-	-	775,000
80206	SPCC-2024 IT Infrastructure Replacement	500,000	-	-	500,000
TOTAL TO DATE		\$244,473,690	\$143,908,295	\$ 10,692,482	\$ 89,872,913

Major General Capital Improvement Projects



Cane Creek Camp Store (80100)

Land / Predesign

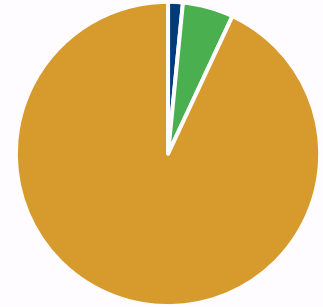
Design

Construction



Scope

The project will include the construction of a new Camp Store in the Family Camping Area at Cane Creek Park Campground. While the existing building allows staff to complete their jobs and provides a check-in point for guests to our facility, it is simply outdated and very small. It is anticipated that the new building would be approximately 1,400 gross square feet with steel and masonry construction. ADA compliant parking is also included.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$700,000	\$45,654	\$15,046	\$639,300

- Expended to Date
- Encumbrances
- Available



Project Detail

Department	Parks & Recreation
Location	5213 Harkey Road
Project Manager	Francisco Soto

Funding Sources

Go Bond	\$700,000
Installment Financing	-
Pay Go Cash	-
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	06/01/2022	03/03/2023	\$58,879
Construction	08/01/2024	04/30/2025	\$641,121

Estimated End Date

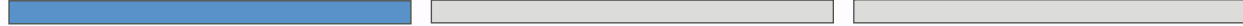
04/30/2025

EDC BARN Project (80187)

Land / Predesign

Design

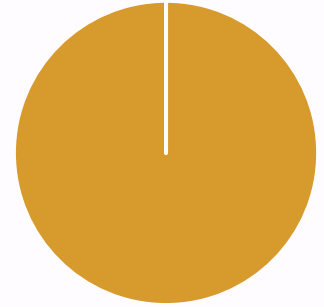
Construction



Scope

The project is, as a concept, a Food Systems Strategic Initiative, to support Union County agricultural producers with a focus on creating a sustainable and all-encompassing "Food System".

The project is currently proposed to be constructed on a parcel in Wingate, NC, near Wingate University. The anticipated building size is approximately 30,000 sq. ft. and will contain commercial kitchens with customized and specialty kitchen equipment, scaled cold and dry storage, multi-use warehouse space, general offices, and conference/training room(s).



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$800,000	-	-	\$800,000

- Expended to Date
- Encumbrances
- Available



Project Detail

Department	Economic Development
Location	Wingate
Project Manager	Gordon Vincent

Funding Sources

Go Bond	\$400,000
Installment Financing	-
Pay Go Cash	\$400,000
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	11/22/2024	06/14/2024	-
Construction	12/02/2024	08/15/2024	\$800,000

Estimated End Date

05/01/2025

Historic Courthouse Renovations Phase 2 (80125)

Land / Predesign

Design

Construction

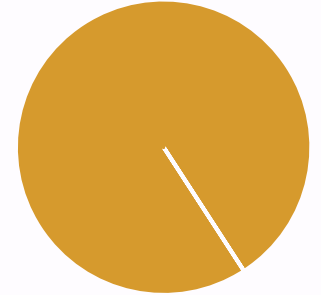
Scope

This project will include repairs and renovations to various building envelope systems. Aged doors, windows and glazing will be evaluated and repaired or replaced as needed. In addition, foundation and basement drainage will be repaired and constructed in areas where none currently exist. The project will also correct a portion of existing plaster damage in the basement and ceiling areas in the building.

A study by Water Robbs has developed a phased approach to mitigate some of the underlying issues causing the water intrusion. Phase 1 has been completed and corrected deficiencies affecting the clocktower area of the building. Phase 2 is meant to correct the remaining building envelope issues and some of the worst wall and ceiling damages.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$1,725,000	-	-	\$1,725,000



- Expended to Date
- Encumbrances
- Available

Project Detail

Department	General Services
Location	Monroe
Project Manager	-

Funding Sources

Go Bond	\$1,725,000
Installment Financing	-
Pay Go Cash	-
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	-	-	\$129,938
Construction	-	-	\$1,595,062

Estimated End Date

TBD

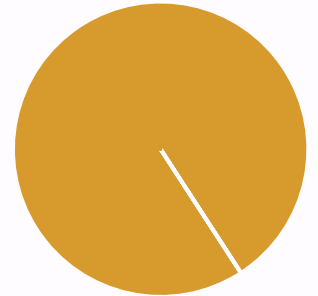


Jail Block Renovations (80112)



Scope

This project includes various upgrades to finishes and security components in each cell in 3 cell blocks in the existing Union County Jail. It is anticipated that floors and walls will be refinished, either painted or sealed concrete, air diffusers will be replaced with high security type and most lighting fixtures replaced with high security type. Some plumbing fixtures and valves will also be replaced. It is also anticipated that the project will be conducted in phases with complete shutdown of the 3 cell blocks in a sequenced approach and detainees transported and housed at off-site jail locations.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$1,950,000	-	-	\$1,950,000

- Expended to Date
- Encumbrances
- Available

Project Detail

Department	UCSO
Location	3344 Presson Road
Project Manager	Gordon Vincent

Funding Sources

Go Bond	\$1,950,000
Installment Financing	-
Pay Go Cash	-
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	07/15/2022	12/01/2022	\$390,000
Construction	06/01/2024	11/30/2024	\$1,560,000

Estimated End Date

11/30/2024



Jail Door Controls and Cell Locks Upgrade (80126)



Scope

This project includes the replacement and upgrade of the jail door control system and cell locks. The upgraded door control system will manage access to the cell doors, jail entry, perimeter fence gate, intercoms, security and movement throughout the entire facility. The system will also manage power to cell block phones, lights and television access. The system will also extend to the cells at intake in the Judicial Center. A total of 114 cell locks will be replaced with the latest technology that can provide safeguards against lock manipulation.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$2,922,193	\$216,097	\$2,630,155	\$75,941

- Expended to Date
- Encumbrances
- Available

Project Detail

Department	UCSO
Location	3344 Presson Road
Project Manager	Gordon Vincent

Funding Sources

Go Bond	\$1,350,000
Installment Financing	-
Pay Go Cash	\$1,350,000
Other	\$402,193

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	02/02/2022	08/01/2022	\$72,000
Construction	06/01/2024	11/01/2024	\$2,850,193

Estimated End Date

11/01/2024

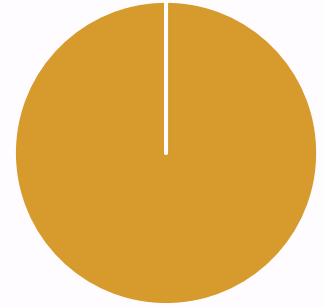


Jail Expansion (80188)



Scope

The Union County Jail Project is a capital improvement intended to address several issues with the current facility. Those include the need to replace an aging and deteriorating existing jail facility, increase the total bed count to address current and future demand, and to provide facilities in compliance with current jail building and operational codes.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$3,600,000	\$2,500	-	\$3,597,500

- Expended to Date
- Encumbrances
- Available

Project Detail

Department	UCSO
Location	Monroe
Project Manager	Linda Whitaker

Funding Sources

Go Bond	-
Installment Financing	-
Pay Go Cash	\$3,600,000
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	01/01/2024	\$1,600,000
Design	04/01/2024	11/30/2024	\$2,000,000
Construction	-	-	-

Estimated End Date

TBD

Radio Shop Renovation (80160)

Land / Predesign

Design

Construction



Scope

This project includes the renovation of approximately 4,500 gross square feet of space in the existing surplus building at Patton Avenue to support the needs of the County's Radio and Radio Installation Shop. The current space will be renovated to accommodate the needs for the installation and maintenance of radio, lighting and other specialties needed for law enforcement, fire and medical vehicles. This will include install bays, some general office space, electronics testing labs and general stock and storage spaces. The building will also be fitted with new bathrooms.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$993,455	\$64,890	\$865,567	\$62,969

- Expended to Date
- Encumbrances
- Available

Project Detail

Department	Emergency Services
Location	Patton Avenue
Project Manager	Francisco Soto

Funding Sources

Go Bond	\$935,000
Installment Financing	-
Pay Go Cash	\$58,455
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	03/15/2022	08/01/2022	\$53,026
Construction	09/08/2023	06/04/2024	\$940,429

Estimated End Date

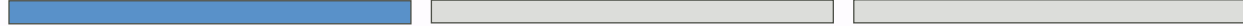
06/04/2024

SPCC Aseptic Training Center (80179)

Land / Predesign

Design

Construction



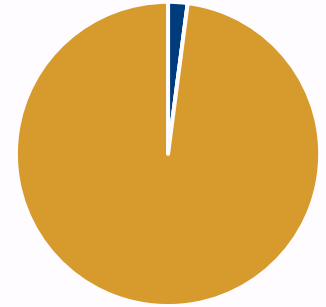
Scope

The Aseptic Facility is a brand-new building that will provide experiential learning spaces, lab settings and simulated manufacturing space designed to teach students about working in a clean space. The Aseptic Facility will provide a manufacturing training space with laboratory and manufacturing classrooms designed to support the pharmaceutical and biotechnology industries. Students and workers will also be able to practice sterile processes and procedures in pharmaceutical/manufacturing settings.

The new facility will be 21,000 square feet and feature high-flex classrooms, a micro lab, a QC lab, an autoclave, a process utility space, PALs and MALs, locker rooms, office and touchdown spaces, and state-of-the-art Aseptic Training Ballroom.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$11,075,100	\$688,406	-	\$10,386,694



- Expended to Date
- Encumbrances
- Available

Project Detail

Department	SPCC
Location	Monroe
Project Manager	

Funding Sources

Go Bond	\$4,900,000
Installment Financing	-
Pay Go Cash	\$6,175,100
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	03/07/2023	06/06/2023	\$462,469
Design	06/07/2023	08/28/2024	\$2,399,290
Construction	12/11/2024	05/15/2026	\$8,213,341

Estimated End Date

07/10/2026

SPCC Center for Entrepreneurship (80183)

Land / Predesign

Design

Construction

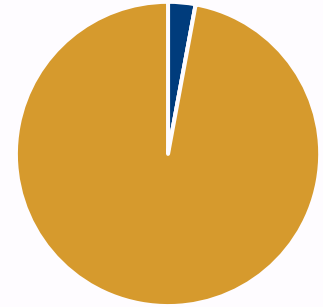
Scope

The Center for Entrepreneurship will be a community resource center providing collaborative and innovative programming designed to support local small businesses and entrepreneurs in Union County.

The Center for Entrepreneurship will host the SPCC Small Business Center and offer classes, workshops and credential programs for community members looking to learn more about starting or growing a business. The Center will host business networking events, guest speaker seminars and business pitch competitions as opportunities for local business leaders and entrepreneurs to connect and engage with their peers.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$32,725,000	\$174,490	-	\$32,550,510



- Expended to Date
- Encumbrances
- Available

Project Detail

Department	SPCC
Location	Monroe
Project Manager	

Funding Sources

Go Bond	\$32,725,000
Installment Financing	-
Pay Go Cash	-
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	\$327,167
Design	12/28/2023	12/18/2024	\$2,437,000
Construction	02/01/2025	05/01/2026	\$29,960,833

Estimated End Date

07/06/2026

Southwest Regional Library (80096)

Land / Predesign

Design

Construction



Scope

The project will include the construction of new library sized at approximately 20,000 gsf. The new library is planned to be sited on property adjacent to the Cuthbertson Middle School after a site selection process and negotiation of property transfer with UCPS. The building will include spaces for collections, meeting spaces, study spaces, dedicated adult, children and teen areas, maker space and operational and support spaces.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$14,817,414	\$12,433,441	\$2,303,308	\$80,665



- Expended to Date
- Encumbrances
- Available



Project Detail

Department	Library
Location	Cuthbertson Road
Project Manager	Linda Whitaker

Funding Sources

Go Bond	\$10,502,500
Installment Financing	-
Pay Go Cash	\$3,500,000
Other	\$814,914

Activity

Activity	Start	End	Cost
Land / Predesign	11/01/2018	01/21/2020	\$182,300
Design	02/28/2020	09/01/2021	\$810,075
Construction	08/01/2022	01/16/2024	\$13,825,039

Estimated End Date

01/16/2024

Program Summary For UC Water CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UNION COUNTY WATER CAPITAL PROJECT FUND						Fund 601
Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget	
85000	762 Zone Improvements	\$ 4,219,424	\$ 4,192,414	\$ 27,509	\$ (499)	
85002	853 West Zone Improvements	51,368,858	25,165,207	2,058,786	24,144,865	
85003	Crooked Creek Basin Improvements	17,977,614	2,321,772	158,722	15,497,120	
85004	CRWTP Improvements	32,283,774	29,594,075	1,047,021	1,642,678	
85007	New 880 Pressure Zone	1,801,163	1,531,828	-	269,336	
85008	Short Water Line Extensions	19,505,801	4,240,887	1,359,097	13,905,817	
85009	Town Center Sewer Development	2,688,200	106,200	2,503,280	78,721	
85010	Twelve Mile Ck WWTP System Improvements	69,131,776	21,237,362	715,070	47,179,343	
85011	UCPW Buildings and Improvement	2,951,572	1,696,061	80,937	1,174,574	
85012	Lower Crooked Creek WRF	46,469,432	21,413,976	1,492,921	23,562,535	
85013	Yadkin River Water Supply	341,956,077	296,976,241	6,065,775	38,914,061	
86000	Wastewater Pump Station Improvements	5,402,859	1,359,302	236,511	3,807,046	
86001	Wastewater Rehab and Replacement	23,970,950	6,454,383	5,762,587	11,753,980	
86002	Water & Wastewater Master Plan	1,463,834	1,286,621	175,217	1,996	
86003	Water Rehab and Replacement	38,286,718	16,603,186	14,229,770	7,453,761	
86004	Water Tank Rehabilitation	2,476,720	1,776,623	194,693	505,404	
86005	Waste Water Treatment Plant RR	14,055,233	10,326,982	339,515	3,388,736	
86007	EDC Industrial Park W&WW	3,700,000	620,078	172,159	2,907,763	
TOTAL TO DATE		\$ 679,710,005	\$ 446,903,198	\$ 36,619,570	\$ 196,187,237	

Project Summary For UC Water CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UNION COUNTY WATER CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84014	762 Zone Transmission Main (Bypass)	\$ 969,051	\$ 969,051	\$ -	\$ -
84015	Water R&R Program	3,000,000	-	-	3,000,000
84024	SCADA Master Plan - Water	9,200,000	2,673,449	5,128,632	1,397,919
84080	Marshville Water Tank Rehab	1,205,406	1,023,206	182,200	-
84084	762 Zone Elevated Tank	3,250,373	3,223,364	27,509	(500)
84085	Indian Trail Additional Tank # 1 & Watkins BPS Improvements	8,900,000	-	-	8,900,000
84086	853 West Transmission Main Improvements	24,058,971	22,682,566	1,294,750	81,655
84089	YRWSP Distribution System Improvements	37,500,000	2,599,183	187,042	34,713,775
84090	YRWSP Raw Water Intake, Pump Station & Transmission Main	160,240,720	156,460,675	1,700,200	2,079,845
84091	YRWSP WTP & Finished Water Infrastructure	120,655,044	115,960,947	2,934,901	1,759,196
84097	Storage Tank Rehab FY18 - Fwd	500,000	-	-	500,000
84098	Galvanized Replacements FY18 - FY2033	905,794	836,685	65,213	3,896
84106	853 West Zone Transmission Main Phase 2	4,114,187	1,937,150	213,828	1,963,210
84108	Advanced Metering Infrastructure	17,600,000	9,477,602	7,738,691	383,706
84112	Yadkin Stanly Settlement	1,038,440	1,022,985	15,455	-
84114	Yadkin Montgomery Settlement	784,943	778,318	6,626	-
84116	Stallings Road Waterline	341,558	329,076	-	12,482
84117	CRWTP Fencing	429,721	418,127	-	11,594

Project Summary For UC Water CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UNION COUNTY WATER CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84119	Worwood Acres Waterline Replacement	983,931	865,859	-	118,072
84120	Shortline Water Extensions FY 2020	9,505,801	4,140,544	313,860	5,051,397
84121	880 Pressure Zone Charlotte Water Interconnect	1,801,163	1,531,828	-	269,336
84123	Galvanized Line Replacement	765,454	740,908	-	24,546
84124	Northwest Tank Refurbishment	771,314	753,418	12,493	5,403
84127	Emerald Woods Water Line	800,000	57,712	72,162	670,126
84128	Short Line Extensions FY 2022	5,000,000	96,809	1,045,237	3,857,954
84129	Short Line Extensions FY 2023	5,000,000	3,535	-	4,996,465
84130	Waxhaw Water Improvements	430,600	417,295	-	13,305
84502	CRWTP Reservoir Expansion	29,202,540	28,885,099	-	317,441
84504	Yadkin Water Supply	4,691,510	4,166,279	163,815	361,416
84507	YRWSP Program Management	17,045,420	15,987,854	1,057,737	(171)
84508	Chestnut Lane Connector Water	765,000	-	758,300	6,700
84510	Stack Road Water Line	793,488	760,402	22,194	10,892
84512	SCADA	1,714,852	116,190	285,019	1,313,643
84515	Presson Road Waterline	498,431	428,998	-	69,433
84516	Catawba River Water Pump Upgrade	900,795	174,660	726,135	-
84517	FY22 Water Main Replacement	702,462	-	-	702,462

Project Summary For UC Water CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UNION COUNTY WATER CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84518	Indian Trail Rd Streetscape	1,100,000	15,200	44,578	1,040,222
84519	Lawyers/Rocky River Rd Roundabout	400,000	-	400,000	-
84520	CRWTP Mitigation	35,866	-	35,866	-
85006	Wastewater R&R Program	2,036,068	80,376	55,692	1,900,001
85009	SCADA Master Plan - Wastewater	9,200,000	2,673,458	5,474,784	1,051,759
85036	Stallings - Collection System	388,200	106,200	240,000	42,000
85040	CC Interceptor Improvements Phase 1	810,129	557,241	52,889	199,999
85045	Collection System SSES & Rehab	598,919	375,598	205,431	17,890
85047	West Fork 12 Mile Interceptor Improvements	13,959,295	12,643,403	236,994	1,078,898
85050	Poplin Road Pump Station Interim Improvements	17,140,281	16,004,662	1,082,206	53,413
85051	Suburban Estates PS & Force Main	172,085	158,164	13,921	-
85055	WWTP R&R	3,300,181	179,310	-	3,120,871
85056	Waxhaw Interceptor	6,215,000	5,922,726	335,364	(43,090)
85057	Crooked Creek Interceptor Improvements Phase 2	16,995,400	1,606,368	91,912	15,297,121
85061	12 Mile Creek I&I Abatement	1,232,981	408,974	24,007	800,000
85063	WRF Process Evaluation	541,380	465,664	13,755	61,961
85064	Septic Tank Assessment	6,004,302	1,737,436	109,799	4,157,067

Project Summary For UC Water CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UNION COUNTY WATER CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85065	EDC Industrial Park Pump Station	3,700,000	620,075	172,157	2,907,769
85068	Waxhaw Clay Lining WW R&R	310,000	104,489	-	205,511
85070	Deese PS Decommission	662,576	622,854	3,480	36,242
85072	CCWRF Electrical Improvements	3,908,962	3,848,239	3,261	57,462
85073	CCWRF Process Improvements	4,290,000	4,129,769	69,976	90,255
85074	Olde Sycamore WRF Process Improvements	1,616,000	1,557,814	-	58,186
85076	WW Pump Station Improvements	2,127,314	-	-	2,127,314
85077	2020 MP WW Flow Monitoring	214,050	198,750	-	15,300
85079	FY22 Union County Pump Station	1,000,000	134,280	26,170	839,550
85083	Crooked Creek UV Equipment	398,710	146,187	252,523	-
85084	Helmsville Force Main Replcmnt	800,000	27,820	1,430	770,750
85520	Lower Crooked Creek WRF	203,396	203,396	-	-
85521	Tarkhill Force Main R&R	1,700,580	1,663,612	36,968	-
85522	STEG Assessment Waxhaw	4,120,000	179,641	60,718	3,879,641
85523	Potter-Pleasant Plains WW Intersection	2,300,000	-	2,263,280	36,721
85524	SPCC Extension	660,000	-	-	660,000
85525	Grassy Branch WRF Expansion	5,700,000	422,506	364,909	4,912,585
85526	853 West Zone Transmission Main Phase 3	1,095,700	545,491	550,209	-

Project Summary For UC Water CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

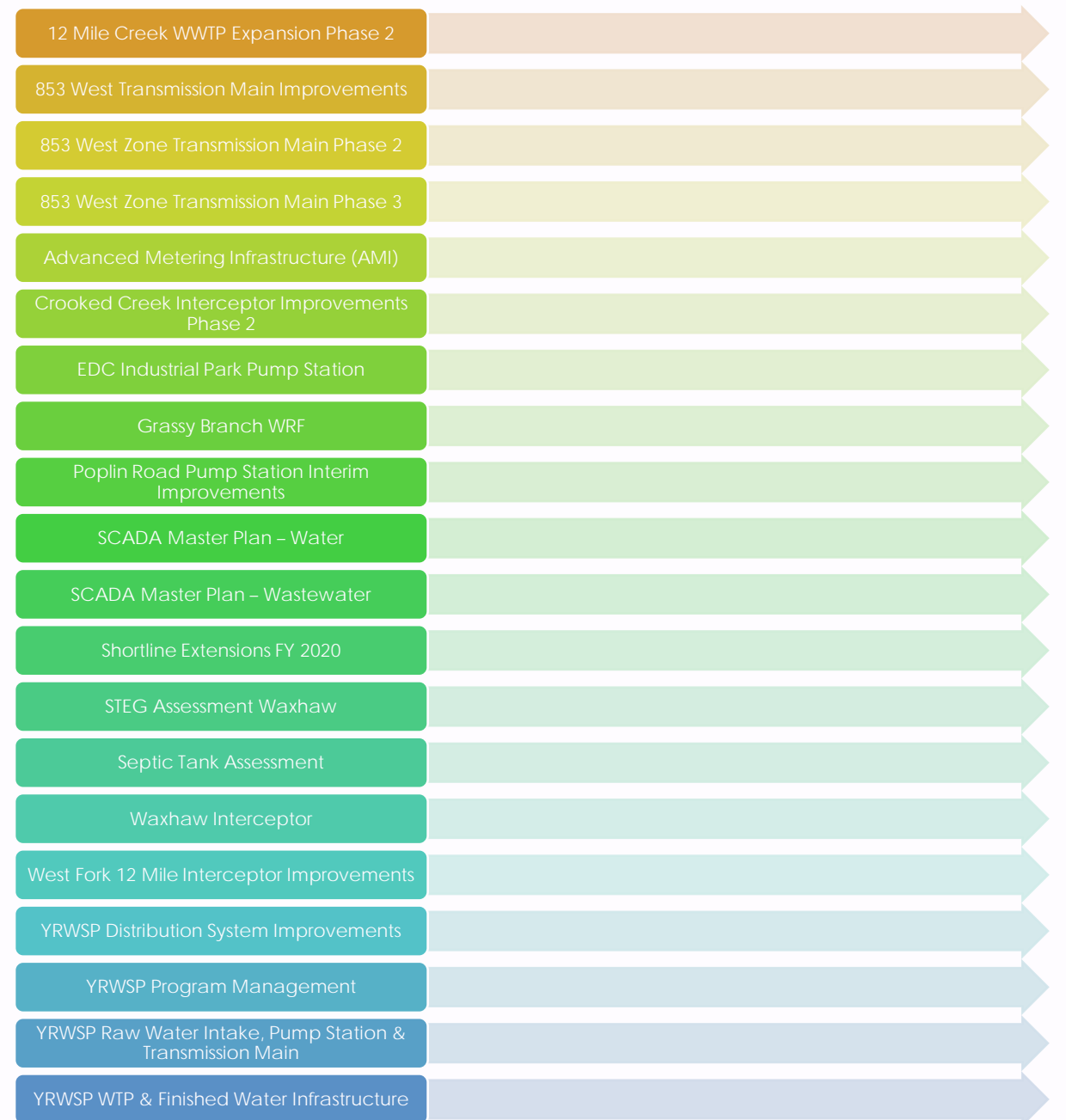
As of December 31, 2023

UNION COUNTY WATER CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85527	853 West Zone Trans. Phase 4	13,200,000	-	-	13,200,000
85530	Crooked Creek Site B	23,425,755	4,783,412	45,806	18,596,537
85531	12 Mile Creek Exp 7.5 - 9 MGD	47,000,000	2,199,702	116,763	44,683,535
85532	Poplin Force Main Relocation	600,000	15,372	24,628	560,000
85534	6 Mile Service Area Assessment	64,500	62,558	1,942	-
86007	Master Plan Update(old)	1,360,834	1,212,671	146,167	1,996
86019	Op Center Expansion and Renovations	43,060	42,920	140	-
86021	CC WRF Administration Building	1,325,000	122,300	25,350	1,177,350
86022	12 Mile WRF Administration Building	1,583,512	1,530,841	55,447	(2,776)
86024	Water Treatment PFAS Study	103,000	73,950	29,050	-
TOTAL TO DATE		\$679,710,005	\$446,903,198	\$ 36,619,570	\$196,187,237

Major UC Water Capital Improvement Projects



12 Mile Creek WWTP Expansion Phase 2 (85531)

Land / Predesign

Design

Construction

Scope

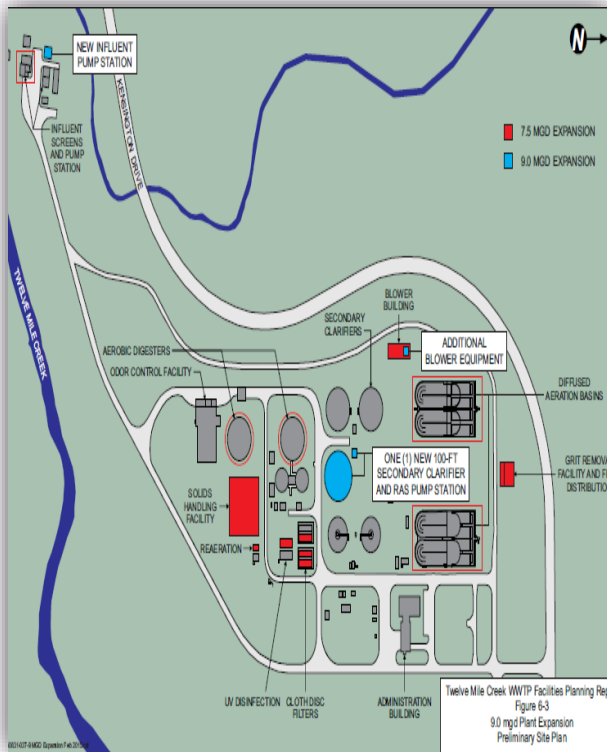
Project provides for 1.5 MGD capacity expansion from 7.5 MGD to 9.0 MGD (Phase 2) and related improvements. 12-Mile Creek WRF System Improvements involves various improvements needed within the 12-Mile Creek WRF Service Area. To meet current and projected demands, the 12-Mile Creek WRF capacity will be increased incrementally. This project increases the treatment capacity from 7.5 to 9.0 MGD.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$47,000,000	\$2,199,702	\$116,763	\$44,683,535



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Waxhaw
Project Manager	Grant Moore

Funding Sources

Other	-
Pay Go Cash	\$8,463,353
Revenue Bonds	\$27,317,717
System Development Fees	\$11,218,930

Activity

Activity	Start	End	Cost
Land / Predesign	09/01/2021	12/01/2021	-
Design	01/01/2022	06/30/2023	\$7,700,461
Construction	08/01/2024	02/28/2027	\$39,299,539

Estimated End Date

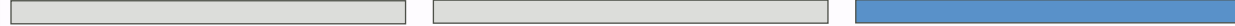
02/2027

853 West Transmission Main Improvements (84086)

Land / Predesign

Design

Construction



Scope

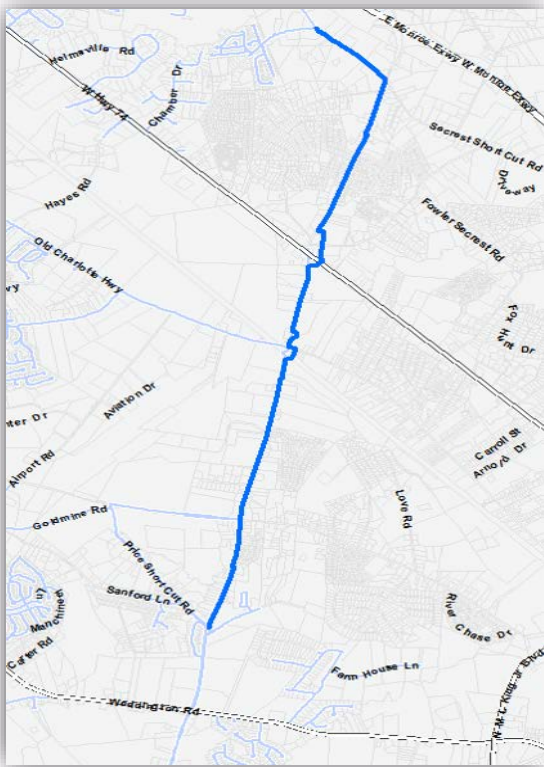
Project provides for the installation of the 853 West Zone Transmission Main Phase I provides 22,000 LF of 36" Main and 3,000 LF of 16" Main along Rocky River Road from the Watkins Booster Pump Station to Secret Shortcut Road and along Secret Shortcut Road from Rocky River to Haywood Road. (853W-M-01)

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$24,058,971	\$22,682,566	\$1,294,750	\$81,655



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Monroe
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$5,238,197
Revenue Bonds	\$19,234,777
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	09/01/2014	03/31/2021	\$2,302,877
Construction	10/01/2021	03/31/2024	\$21,756,094

Estimated End Date

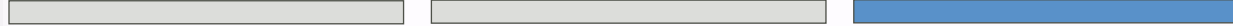
03/2024

853 West Zone Transmission Main Phase 2 (84106)

Land / Predesign

Design

Construction



Scope

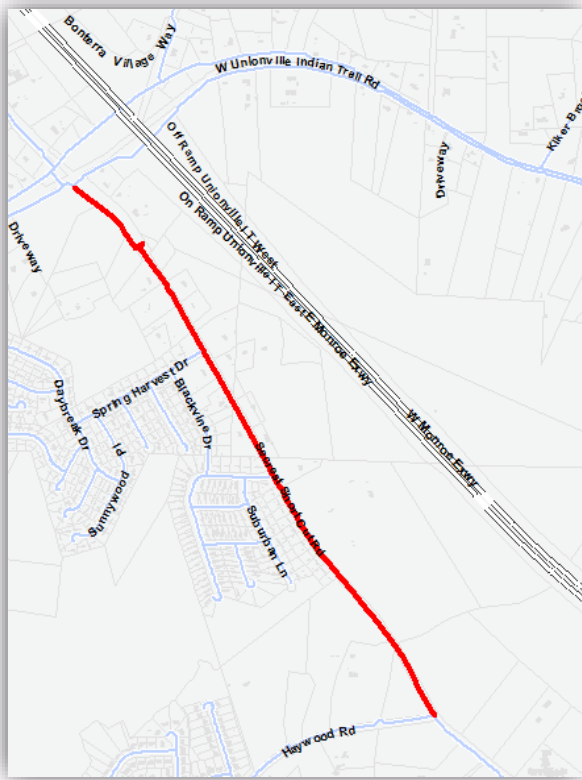
Project provides for the installation of the 853 West Zone Transmission Main. Phase II includes the installation of 6,000 LF of 16" Main along Secret Shortcut Road from Haywood Road to Unionville Indian Trail Road. (853W-M-02) The 2011 Master Plan identified various improvements needed within the 853 West Zone Service Area to improve system hydraulics and capacity.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$4,114,187	\$1,937,150	\$213,828	\$1,963,210

- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Indian Trail
Project Manager	Thuy Lee

Funding Sources

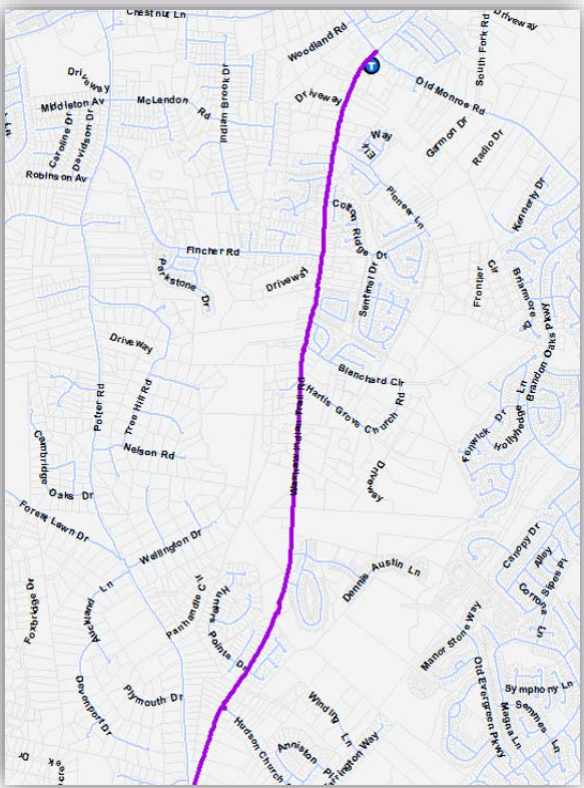
Other	-
Pay Go Cash	\$14,187
Revenue Bonds	\$4,100,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	10/01/2021	08/31/2022	-
Design	10/01/2021	12/31/2022	\$514,187
Construction	05/01/2023	01/01/2024	\$3,600,000

Estimated End Date

01/2024



853 West Zone Transmission Main Phase 3 (85526)



Scope

Project provides for the installation of the 853 West Zone Transmission Main. Phase III includes the installation of approximately 17,000 ft of 16-inch along Waxhaw-Indian Trail Road from Potter to Old Monroe Road (853-M-04). The 2011 Master Plan identified various improvements needed within the 853 West Zone Service Area to improve system hydraulics and capacity.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$1,095,700	\$545,491	\$550,209	-

- Expended to Date
- Encumbrances
- Available

Project Detail

Location	Indian Trail
Project Manager	Scott Huneycutt

Funding Sources

Other	-
Pay Go Cash	\$1,095,700
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	03/01/2022	03/31/2023	\$1,095,700
Construction	ON HOLD	ON HOLD	-

Estimated End Date
ON HOLD

Advanced Metering Infrastructure (AMI) (84108)



Scope

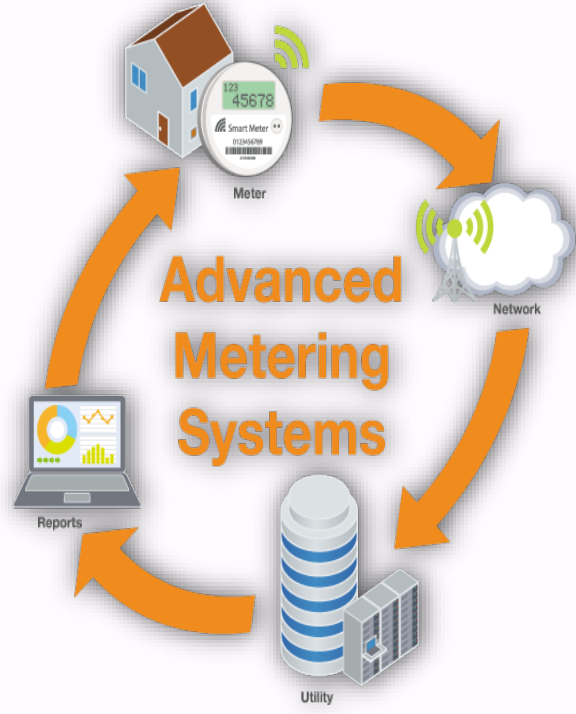
Project provides for the assessment of existing metering infrastructure, development of AMI requirements, financial analysis and business case development, and project planning and implementation. Water Rehabilitation and Replacement is an annual program identified as part of the Comprehensive Water and Wastewater Master Plan geared towards Asset Management of existing Water Infrastructure.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$17,600,000	\$9,477,602	\$7,738,691	\$383,706



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	-
Project Manager	Luke Fawcett

Funding Sources

Other	-
Pay Go Cash	\$5,100,000
Revenue Bonds	\$12,500,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	07/01/2018	06/30/2019	-
Design	07/01/2019	06/30/2020	\$2,300,000
Construction	01/01/2022	12/31/2024	\$15,300,000

Estimated End Date

12/2024

Crooked Creek Interceptor Improvements Phase 2 (85057)

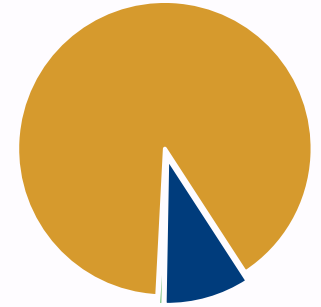


Scope

Project provides for the design and construction of approximately 6,400 LF of 18-inch gravity sanitary sewer between Pebble Creek GC to Indian Trail Road along US 74, approximately 1,800 LF of 15-inch gravity sanitary sewer between Indian Trail Road and the Forest Park Pump Station discharge manhole, and approximately 5,910 LF of 27-inch gravity sanitary sewer from the Crooked Creek WWTP to US74. The Comprehensive Water and Wastewater Master Plan recommended various system improvements within the Crooked Creek Basin. These improvements will reduce inflow and infiltration and provide additional capacity to meet current and projected demands.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$16,995,400	\$1,606,368	\$91,912	\$15,297,121



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Indian Trail
Project Manager	Fred Braun

Funding Sources

Other	\$16,000,000
Pay Go Cash	-
Revenue Bonds	-
System Development Fees	\$995,400

Activity

Activity	Start	End	Cost
Land / Predesign	09/01/2021	12/15/2022	-
Design	10/01/2020	07/31/2023	\$2,157,991
Construction	04/01/2024	01/31/2026	\$14,837,409

Estimated End Date
01/2026

EDC Industrial Park Pump Station (85065)



Scope

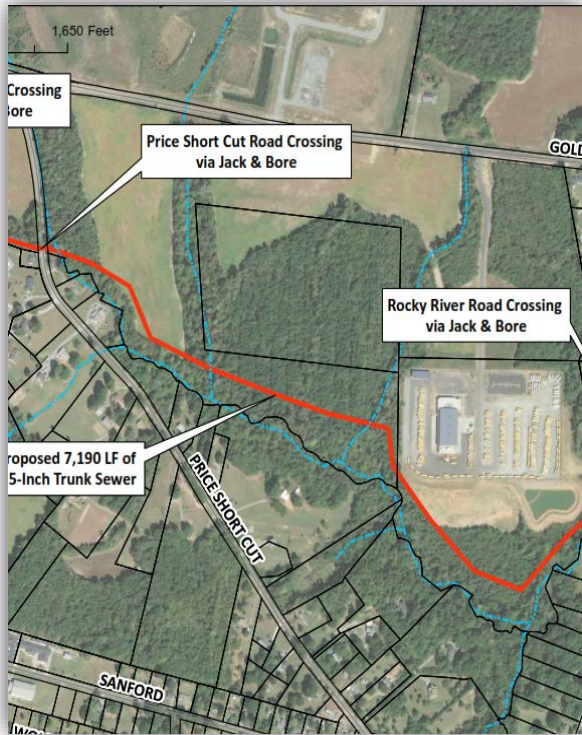
Project consists of approximately 7,500 LF of 15-inch gravity sewer from Rocky River Road to Goldmine Road just west of Price Short Cut Road to provide wastewater access to the Piedmont Innovation Park.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$3,700,000	\$620,075	\$172,157	\$2,907,769



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Monroe
Project Manager	Grant Moore

Funding Sources

Other	-
Pay Go Cash	\$3,700,000
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	12/01/2019	05/31/2022	-
Design	12/01/2019	06/30/2023	-
Construction	02/01/2024	03/31/2025	\$3,700,000

Estimated End Date
03/2025

Grassy Branch WRF Expansion (85525)

Land / Predesign

Design

Construction



Scope

Project provides for design, permitting, and construction of an expansion of the Grassy Branch WRF to 0.120 MGD. (The Grassy Branch WRF is under consent order due to permit violations related to daily discharge volume exceeding the current permitting flow of 0.050 MGD. The expansion to 0.120 MGD should eliminate future violations for the effluent flow exceeding the permitted discharge flow.)

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$5,700,000	\$422,506	\$364,909	\$4,912,585

- Expended to Date
- Encumbrances
- Available

Project Detail

Location	Fairview
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$5,700,000
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	07/01/2023	04/30/2024	\$600,000
Construction	09/01/2024	03/31/2025	\$5,100,000

Estimated End Date

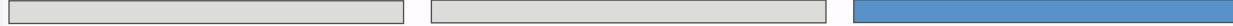
03/2025

Poplin Road Pump Station Interim Improvements (85050)

Land / Predesign

Design

Construction



Scope

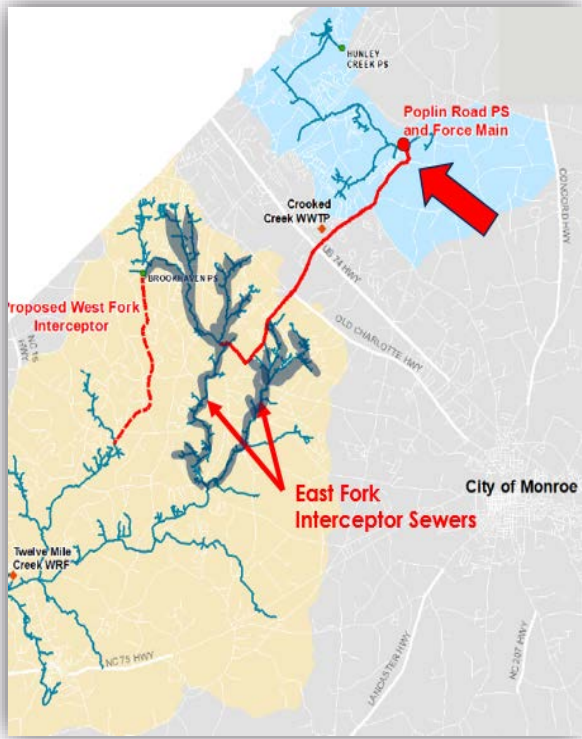
Project provides for the design and construction of improvements to the Poplin Road pump station. Improvements include permitting, design, and construction of equalization storage facilities and related mechanical, electrical, and control system improvements. The Comprehensive Water and Wastewater Master Plan Addendum identified the need to provide additional wastewater treatment capacity in the Crooked Creek service area. The design and construction of the new LCCWRF can be deferred to start design in 2024 provided interim improvements are made to the Poplin Road pump station.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$17,140,281	\$16,004,662	\$1,082,206	\$53,413



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Indian Trail
Project Manager	Fred Braun

Funding Sources

Other	\$1,200,000
Pay Go Cash	\$1,240,281
Revenue Bonds	\$14,700,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	09/01/2017	01/31/2021	\$300,000
Design	05/01/2021	03/31/2022	\$3,800,000
Construction	04/01/2022	01/31/2024	\$13,040,281

Estimated End Date

01/2024

SCADA Masterplan - Water (84024)

Land / Predesign

Design

Construction



Scope

Project provides for the evaluation, planning, design, and implementation of the replacement of the existing Supervisory Control and Data Acquisition (SCADA) Systems. As system growth continues so does the importance of operating the utility as efficiently as possible and making use of staff resources and software tools to support operational strategies. The existing SCADA system is proprietary equipment and has operational limitations, therefore the replacement of the existing SCADA system is necessary to improve data acquisition, communications, and provide for a more intelligent network.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$9,200,000	\$2,673,449	\$5,128,632	\$1,397,919



- Expended to Date
- Encumbrances
- Available

Project Detail

Location	-
Project Manager	John Shutak

Funding Sources

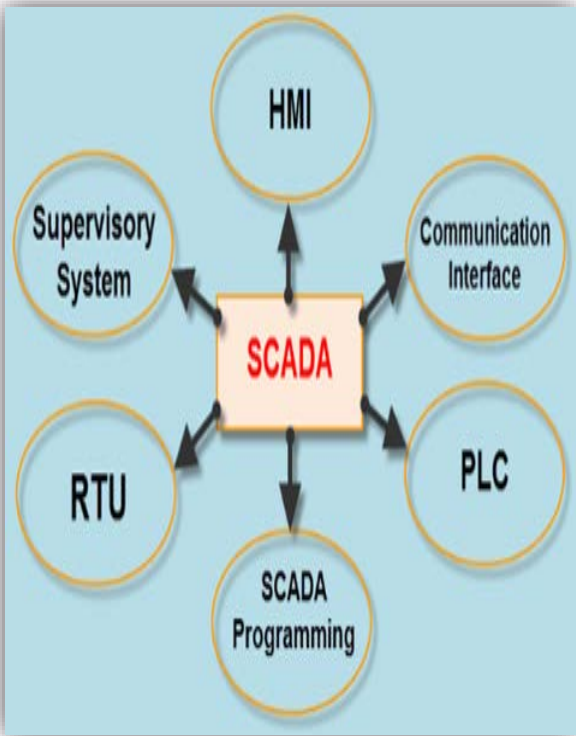
Other	-
Pay Go Cash	-
Revenue Bonds	\$7,700,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	06/01/2016	03/31/2018	-
Design	08/01/2018	10/31/2022	\$1,300,000
Construction	09/01/2020	11/30/2026	\$6,400,000

Estimated End Date

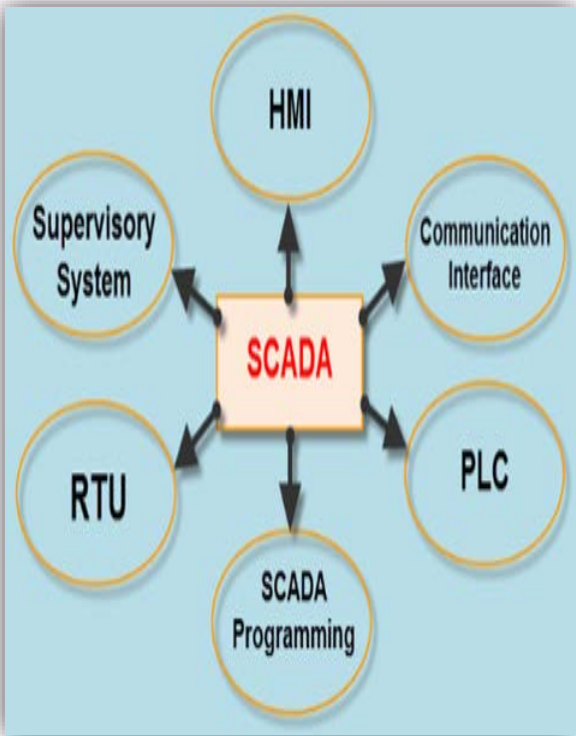
11/2026



SCADA Masterplan - Wastewater (85009)



- Expended to Date
- Encumbrances
- Available



Scope

Project provides for the evaluation, planning, design, and implementation of the replacement of the existing Supervisory Control and Data Acquisition (SCADA) Systems. As system growth continues so does the importance of operating the utility as efficiently as possible, and making use of staff resources and software tools to support operational strategies. The existing SCADA system is proprietary equipment and has operational limitations, therefore the replacement of the existing SCADA system is necessary to improve data acquisition, communications, and provide for a more intelligent network.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$9,200,000	\$2,673,458	\$5,474,784	\$1,051,759

Project Detail

Location	-
Project Manager	John Shutak

Funding Sources

Other	-
Pay Go Cash	\$7,300,000
Revenue Bonds	\$1,900,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	06/01/2016	03/31/2018	-
Design	08/01/2018	10/31/2022	\$1,300,000
Construction	09/01/2020	11/30/2026	\$7,900,000

Estimated End Date
11/2026

Short Line Extensions FY 2021 (84120)

Land / Predesign

Design

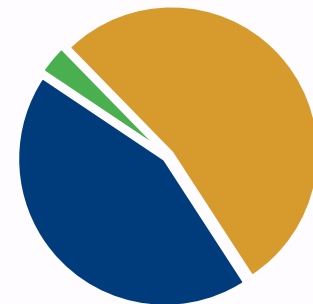
Construction

Scope

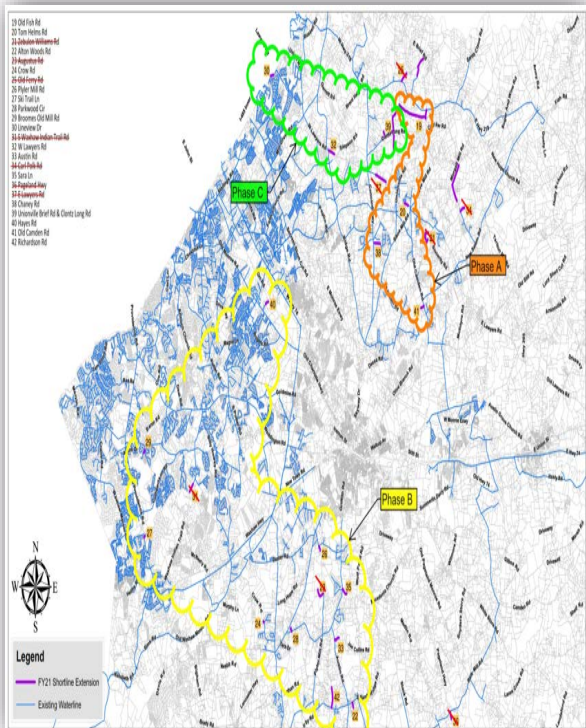
Project provides for water main extensions (<1000 LF) for qualifying customers. Annual program included in the Extension Ordinance to allow Union County Public Works to extend water service and provide an environmental benefit to qualifying applicants in Union County.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$9,505,801	\$4,140,544	\$313,860	\$5,051,397



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Indian Trail, Monroe, Waxhaw
Project Manager	Alina Young

Funding Sources

Other	-
Pay Go Cash	\$4,505,801
Revenue Bonds	\$5,000,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	10/01/2020	03/31/2023	-
Design	01/01/2021	06/30/2023	\$700,000
Construction	03/01/2024	02/28/2025	\$8,805,801

Estimated End Date

02/2025

STEG Assessment Waxhaw (85522)

Land / Predesign

Design

Construction



Scope

The goal for this project is to complete an asset inventory, condition assessment, planning, design, and construction for the replacement of the existing aged wastewater collection system in the Waxhaw area that consists of septic tanks and 4-inch gray water sewer lines with traditional 8-inch gravity sewer to address issues with clogs and leaks.

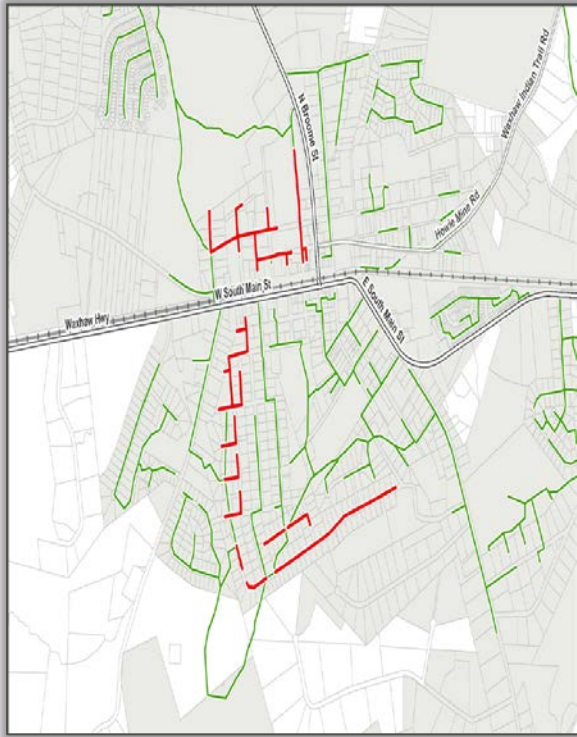
This is a two-year replacement program where year one will cover the area north of the railroad tracks and year two, the area south of the railroad tracks.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$4,120,000	\$179,641	\$60,718	\$3,879,641



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Waxhaw
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$4,120,000
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	04/01/2021	10/31/2021	-
Design	07/01/2024	12/31/2024	\$120,000
Construction	02/01/2024	11/30/2025	\$4,000,000

Estimated End Date

11/2025

Septic Tank Assessment (85064)

Land / Predesign

Design

Construction

Scope

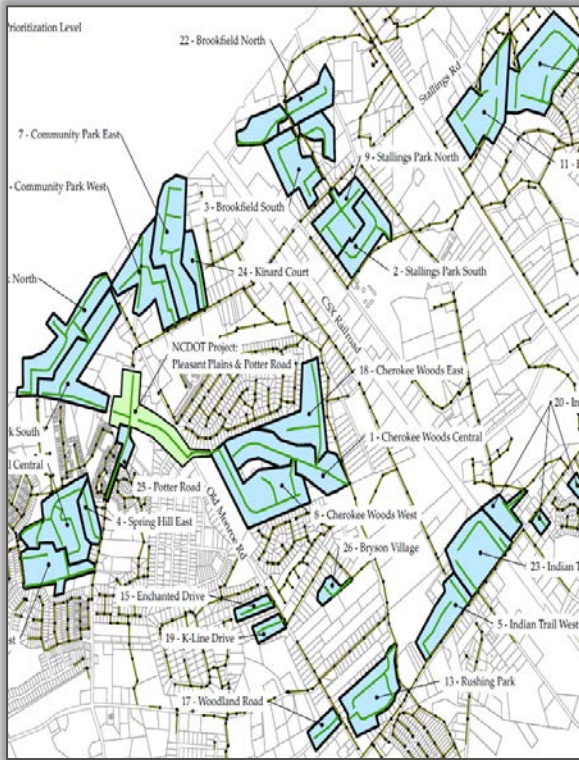
This project includes an asset inventory, condition assessment, and planning for the replacement of the existing wastewater collections system in the Stallings and Indian Trail areas. UCPW currently operates and maintains a wastewater collections system in the Stallings and Indian Trail areas that consists of approximately 750 septic tanks and 53,000 feet of 4-inch gravity sanitary sewer piping. The existing system, while functional, does not meet current collections system criteria and will ultimately require replacement.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$6,004,302	\$1,737,436	\$109,799	\$4,157,067



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Indian Trail, Stallings
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$6,004,302
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	08/01/2018	07/31/2019	-
Design	11/01/2019	07/31/2028	\$137,000
Construction	11/01/2020	06/30/2029	\$5,867,302

Estimated End Date

06/2029

Waxhaw Interceptor (85056)

Land / Predesign

Design

Construction



Scope

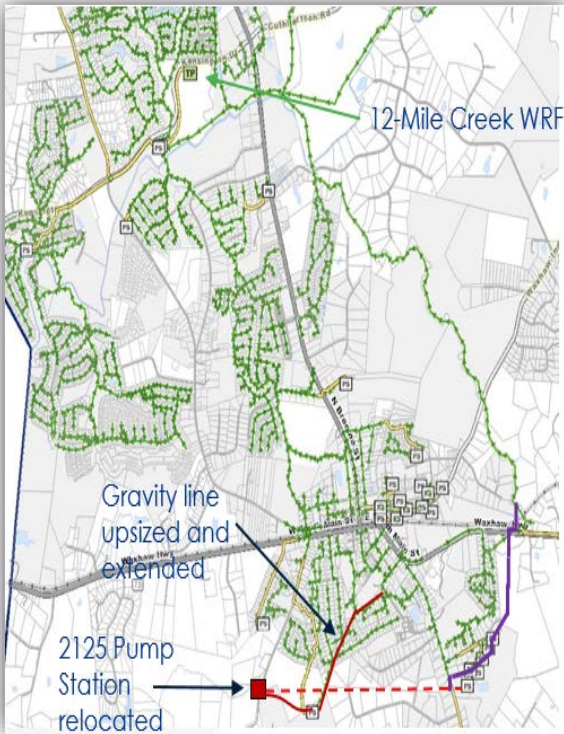
This project provides for the replacement of pump station 21-25 with a new 3MGD pump station. The new pump station would be relocated to a point on Rehobeth Road approximately 1,700 feet south of High Rock Drive. The project will also include property acquisition, the design and construction of approximately 3,500 feet of 15-inch gravity sanitary sewer piping, and design and construction of approximately 7,000 feet of 12-inch force main piping.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$6,215,000	\$5,922,726	\$335,364	(\$43,090)



- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Waxhaw
Project Manager	Grant Moore

Funding Sources

Other	-
Pay Go Cash	\$315,000
Revenue Bonds	\$5,900,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	04/01/2020	08/31/2020	-
Design	04/01/2018	12/31/2020	\$500,000
Construction	05/01/2021	04/30/2024	\$5,715,000

Estimated End Date

04/2024

West Fork 12 Mile Interceptor Improvements (85047)



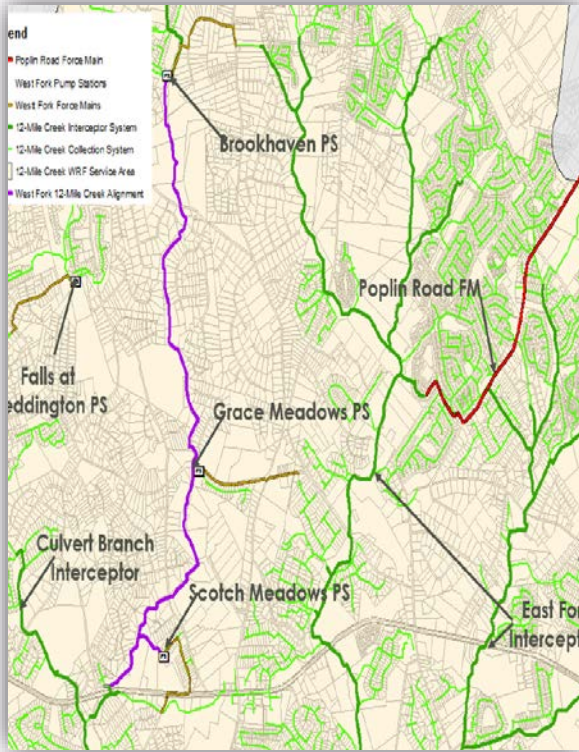
Scope

Project provides for approximately 12,200 LF of 30" and 12,300 LF of 18" Gravity Sewer line along the West Fork of Twelve Mile Creek and 5,300 LF of 21" Gravity Sewer line along a Tributary to West Fork. In addition, the discharge location for the Poplin Road Pump Station will be evaluated and relocated if found to be beneficial to overall system hydraulics. If incorporated in the project, this would include approximately 3,700 LF of 16" force main.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$13,959,295	\$12,643,403	\$236,994	\$1,078,898

- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Indian Trail, Weddington
Project Manager	Michael Caldwell

Funding Sources

Other	-
Pay Go Cash	\$760,895
Revenue Bonds	\$13,698,400
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	04/01/2017	11/15/2017	-
Design	11/16/2017	04/30/2021	\$998,400
Construction	09/01/2021	06/30/2023	\$13,460,895

Estimated End Date

04/2023

YRWSP Distribution System Improvements (84089)

Land / Predesign

Design

Construction



Scope

Project provides for permitting, land acquisition, design, and construction of various system improvements within Union County's existing distribution system to adequately deliver the required capacity from the new water treatment plant. Projects include pumping improvements at the Yadkin River WTP, transmission mains to serve the 762 pressure zone, and related distribution improvements.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$37,500,000	\$2,599,183	\$187,042	\$34,713,775

- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Monroe
Project Manager	Thomas Mann

Funding Sources

Other	\$35,000,000
Pay Go Cash	\$2,500,000
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	05/01/2022	07/31/2023	-
Design	12/01/2020	10/31/2023	\$2,500,000
Construction	04/01/2024	06/30/2026	\$35,000,000

Estimated End Date

06/2026

YRWSP Program Management (84507)

Land / Predesign

Design

Construction



Scope

Project provides for program management services necessary to oversee the permitting, land acquisition, design and construction of the projects within the Yadkin Regional Water Supply Program. The 2011 Master Plan identified the need for a long-term water supply from the Yadkin River Basin. This project is one of several necessary to provide a long-term solution to the water supply needs of Union County.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$17,045,420	\$15,987,854	\$1,057,737	(\$171)

- Expended to Date
- Encumbrances
- Available



Project Detail

Location	-
Project Manager	John Shutak

Funding Sources

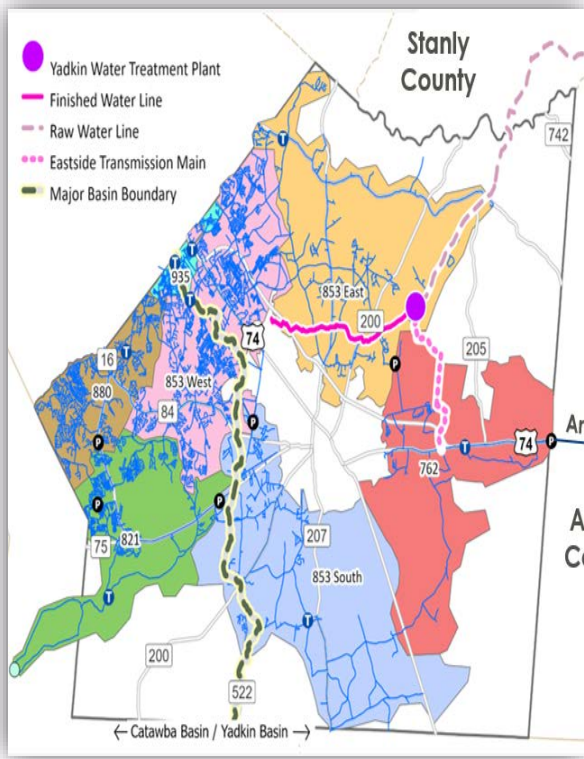
Other	-
Pay Go Cash	\$12,945,420
Revenue Bonds	\$4,100,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	02/01/2017	07/01/2020	\$16,186,420
Construction	08/01/2020	03/31/2024	\$859,000

Estimated End Date

03/2024



YRWSP Raw Water Intake, Pump Station, and Transmission Main (84090)



Scope

Project provides for the permitting, land acquisition, design, and construction of a new raw water intake and pump station in Lake Tillery and approximately 30 miles of raw water transmission main piping from Lake Tillery to Union County. The 2011 Master Plan identified the need for a long term water supply from the Yadkin River Basin. This project is one of several necessary to provide a long term solution to the water supply needs of Union County.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$160,240,720	\$156,460,675	\$1,700,200	\$2,079,845

- Expended to Date
- Encumbrances
- Available

Project Detail

Location	Town of Norwood, Stanly County, Union County
Project Manager	John Shutak

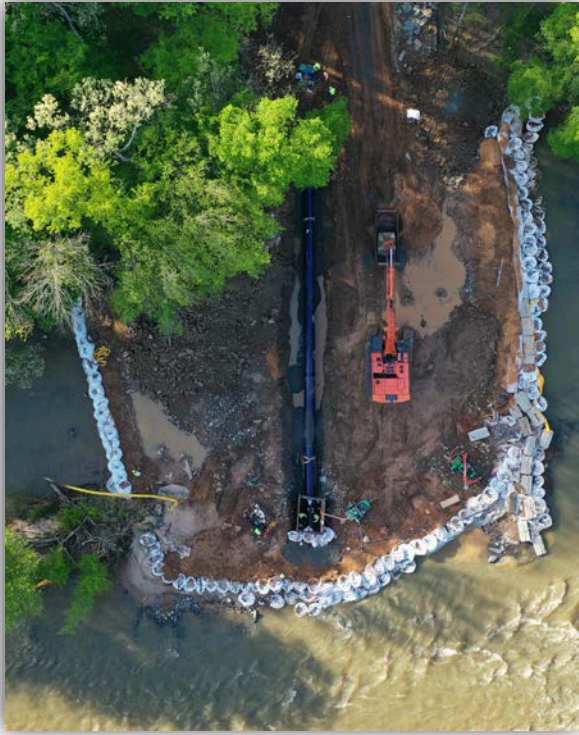
Funding Sources

Other	-
Pay Go Cash	\$1,613,615
Revenue Bonds	\$158,627,105
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	09/01/2018	07/31/2020	\$11,442,698
Construction	08/01/2020	08/31/2023	\$148,798,022

Estimated End Date
08/2023



YRWSP WTP & Finished Water Infrastructure (84091)



Scope

Project provides for permitting, land acquisition, design, and construction of a new 12.0 MGD WTP and approximately 10 miles of finished water transmission main piping. The 2011 Master Plan identified the need for a long-term water supply from the Yadkin River Basin. This project is one of several necessary to provide a long-term solution to the water supply needs of Union County.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$120,655,044	\$115,960,947	\$2,934,901	\$1,759,196

- Expended to Date
- Encumbrances
- Available

Project Detail

Location	Monroe
Project Manager	John Shutak

Funding Sources

Other	-
Pay Go Cash	\$6,144,461
Revenue Bonds	\$110,463,283
System Development Fees	\$4,047,300

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	09/01/2018	07/31/2020	\$12,089,234
Construction	09/01/2020	03/31/2024	\$108,565,810

Estimated End Date

03/2024

Program Summary For Solid Waste CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

SOLID WASTE CAPITAL PROJECT FUND

Fund 612

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
87000	Solid Waste CIP Projects	\$ 5,271,300	\$ 305,978	\$ 3,295,109	\$ 1,670,213
TOTAL TO DATE		\$ 5,271,300	\$ 305,978	\$ 3,295,109	\$ 1,670,213

Project Summary For Solid Waste CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

SOLID WASTE CAPITAL PROJECT FUND

Fund 612

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
87000	Austin Chaney Site Redesign	\$ 3,646,300	\$ 226,128	\$ 3,294,518	\$ 125,654
87001	C&D Cell Expansion	800,000	79,850	591	719,559
87002	Scalehouse Renovation and Expansion	350,000	-	-	350,000
87003	Landfill Access Road Widening	225,000	-	-	225,000
87004	Landfill Operations Center	100,000	-	-	100,000
87006	MSW Transfer Station Expansion	150,000	-	-	150,000
TOTAL TO DATE		\$ 5,271,300	\$ 305,978	\$ 3,295,109	\$ 1,670,213

Major Solid Waste Capital Improvement Projects

Austin
Chaney
Site
Redesign



C & D
Cell
Expansion

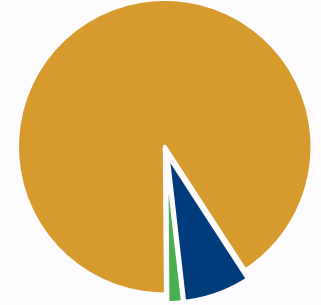


Austin Chaney Site Redesign (87000)



Scope

This project includes the redesign of the existing Residential Waste and Recycling Center (RWRC) at the Solid Waste Management Facility located at 2125 Austin Chaney Road, Wingate, NC. The newly engineered site plan has a much larger area that encompasses approximately 6 acres in size from entrance to the new rear exit road. All site plan improvements have been designed to manage our residential solid waste disposal and recycling volumes today and allows for increased capacity in the future.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$3,646,300	\$226,128	\$3,294,518	\$125,654

- Expended to Date
- Encumbrances
- Available

Project Detail

Location	Austin Chaney Road
Project Manager	Caleb Sinclair

Funding Sources

Other	-
Pay Go Cash	\$2,659,300
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	09/01/2020	04/01/2021	\$159,300
Construction	11/01/2023	06/30/2024	\$3,487,000

Estimated End Date
06/30/2024

C&D Cell Expansion (87001)

Land / Predesign

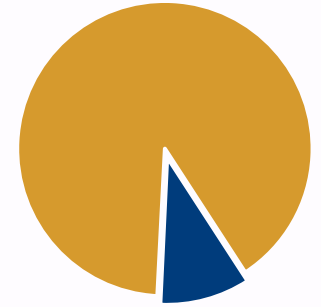
Design

Construction



Scope

The Construction and Demolition Landfill Expansion scope or work includes the engineering design and construction of approximately 30 +/- acres of available property at our existing SWMF that meets the NCDEQ siting criteria for permitting. Our existing C&D Landfill has limited capacity for our growing commercial and residential volume that may top 60,000 tons in FY21. This new expansion will include 3,000,000 cubic yards of airspace and should service over 2,000,000 tons of C&D materials over the next 25 - 30 years.



Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$800,000	\$79,850	\$591	\$719,559

- Expended to Date
- Encumbrances
- Available



Project Detail

Location	Austin Chaney Road
Project Manager	Caleb Sinclair

Funding Sources

Other	-
Pay Go Cash	\$800,000
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	02/12/2019	05/19/2020	-
Design	05/20/2020	05/31/2021	\$100,000
Construction	06/01/2021	06/30/2024	\$700,000

Estimated End Date

06/30/2024

Program Summary For UCPS CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UCPS CAPITAL PROJECT FUND

Fund 401

Program Name	Revised Budget	Expended to Date	Available Budget
2018 PROJECTS	\$ 5,437,741	\$ 5,360,931	\$ 76,810
2019 PROJECTS	7,574,207	7,570,259	3,948
2020 PROJECTS	16,486,867	16,088,024	398,843
2021 PROJECTS	14,988,674	12,863,107	2,125,567
2022 PROJECTS	16,017,138	8,221,070	7,796,068
2023 PROJECTS	17,842,420	10,025,641	7,816,779
2024 PROJECTS	22,987,063	1,137,797	21,849,266
2016 BOND PROJECTS	56,242,526	55,956,561	285,965
2022 GO BOND PROJECTS	4,900,000	4,557,920	342,080
2023 GO BOND PROJECTS	146,580,000	18,667,881	127,912,119
LAPTOPS	17,485,485	14,985,196	2,500,289
SALES TAX REFUND	14,247	-	14,247
TOTAL TO DATE	\$ 326,556,368	\$ 155,434,386	\$ 171,121,982

Project Summary For UCPS CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82300	FY 2018 UCPS ADA	\$ 1,892,065	\$ 1,892,065	\$ -
82301	FY 2018 UCPS BUILDING SYSTEMS	1,872,836	1,796,026	76,810
82304	FY 2018 UCPS ROOFING	822,840	822,840	-
82305	FY 2018 UCPS SAFETY and SEC	850,000	850,000	-
	2018 PROJECTS	\$ 5,437,741	\$ 5,360,931	\$ 76,810
82310	FY 19 UCPS ADA	\$ 156,611	\$ 156,611	\$ -
82311	FY 19 UCPS Building Systems	4,992,476	4,988,732	3,744
82314	FY 19 UCPS Roofing	1,999,320	1,999,116	204
82315	FY 19 UCPS SAFETY AND SECURITY	425,800	425,800	-
	2019 PROJECTS	\$ 7,574,207	\$ 7,570,259	\$ 3,948
82319	FY 2020 UCPS ADA	\$ 374,811	\$ 367,230	\$ 7,581
82320	FY 2020 UCPS BUILDING SYSTEMS	4,253,158	4,182,658	70,500
82321	FY 2020 UCPS EXP/RENOVATIONS	7,100,559	6,909,839	190,720
82323	FY 2020 UCPS ROOFING	200,000	200,000	-
82324	FY 2020 UCPS SAFETY/SECURITY	1,233,000	1,206,656	26,344
82325	FY 2020 UCPS FF&E	1,285,000	1,285,000	-
82329	FY 2020 UCPS PAINTING	887,838	887,838	-
82330	FY 2020 True Up Funding (FY19)	1,152,501	1,048,802	103,699
	2020 PROJECTS	\$ 16,486,867	\$ 16,088,024	\$ 398,843

Project Summary For UCPS CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82331	FY 2021 UCPS ADA	\$ 74,960	\$ 74,960	\$ -
82332	FY 2021 UCPS Building Systems	6,595,500	5,043,551	1,551,949
82333	FY 2021 UCPS Exp/Renovations	5,075,514	4,632,048	443,466
82334	FY 2021 UCPS Roofing	1,050,000	1,050,000	-
82335	FY 2021 UCPS Safety and Security	858,000	855,178	2,822
82336	FY 2021 UCPS Classroom F&E	472,700	412,823	59,877
82338	FY 2021 UCPS Veh/Equip	862,000	794,547	67,453
	2021 PROJECTS	\$ 14,988,674	\$ 12,863,107	\$ 2,125,568
82341	FY 2022 UCPS ADA	\$ 347,571	\$ 341,250	\$ 6,321
82342	FY 2022 UCPS Building Systems	7,889,494	2,877,293	5,012,201
82343	FY 2022 UCPS Exp/Renovations	3,460,350	2,786,151	674,199
82344	FY 2022 UCPS Roofing	2,100,000	645,514	1,454,486
82345	FY 2022 UCPS Safety & Security	1,210,773	772,971	437,802
82346	FY 2022 UCPS Classroom F&E	458,850	336,745	122,105
82347	FY 2022 UCPS Veh/Equipment	500,100	412,050	88,050
82348	FY 2022 UCPS Band Equipment	50,000	49,095	905
	2022 PROJECTS	\$ 16,017,138	\$ 8,221,070	\$ 7,796,068

Project Summary For UCPS CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82349	FY 2023 UCPS Building Systems	\$ 8,639,286	\$ 5,067,700	\$ 3,571,586
82350	FY 2023 UCPS Exp/Renovations	5,833,103	3,924,988	1,908,115
82351	FY 2023 UCPS Band Equipment	50,000	49,624	376
82352	FY 2023 UCPS Classroom F&E	275,000	104,284	170,716
82353	FY 2023 UCPS Veh/Equipment	461,031	152,022	309,009
82354	FY 2023 UCPS Painting	714,000	669,300	44,700
82355	FY 2023 UCPS Roofing	1,870,000	57,723	1,812,277
2023 PROJECTS		\$ 17,842,420	\$ 10,025,641	\$ 7,816,779

Project Summary For UCPS CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

As of December 31, 2023

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82358	FY 2024 UCPS Building Systems	\$ 8,598,550	\$ 99,687	\$ 8,498,863
82359	FY 2024 UCPS Expansion/Renovation	4,719,548	536,825	4,182,723
82360	FY 2024 UCPS Band Equipment	50,000	17,967	32,033
82361	FY 2024 Classroom/Office Furniture	120,750	1,077	119,673
82362	FY 2024 UCPS Painting	1,298,325	-	1,298,325
82363	FY 2024 UCPS Safety & Security	505,943	-	505,943
82364	FY 2024 UCPS Vehicles & Related	970,043	199,937	770,106
82365	FY 2024 UCPS ADA	144,900	-	144,900
82366	FY 2024 UCPS Roofing	2,307,976	-	2,307,976
82367	FY 2024 UCPS Marvin Ridge HVAC	1,129,013	-	1,129,013
82368	FY 2024 East Union MS Ph I	2,721,015	-	2,721,015
82369	FY 2024 Transportation Buses	421,000	282,303	138,697
	2024 PROJECTS	\$ 22,987,063	\$ 1,137,797	\$ 21,849,266
82001	MONROE HS BOND PROJECT	\$ 4,345,385	\$ 4,345,385	\$ -
82002	PIEDMONT HS BOND PROJECT	1,635,856	1,635,856	-
82005	SUN VALLEY HS BOND PROJECT	34,419,925	34,396,697	23,228
82006	TRANSPORTATION FACILITY	15,244,656	15,086,920	157,736
82007	WESTERN UNION ES BOND PRJ	596,704	491,704	105,001
	2016 BOND PROJECTS	\$ 56,242,526	\$ 55,956,561	\$ 285,965

Project Summary For UCPS CIP Fund

Union County, NC FY 2024 CIP Quarterly Financial Report

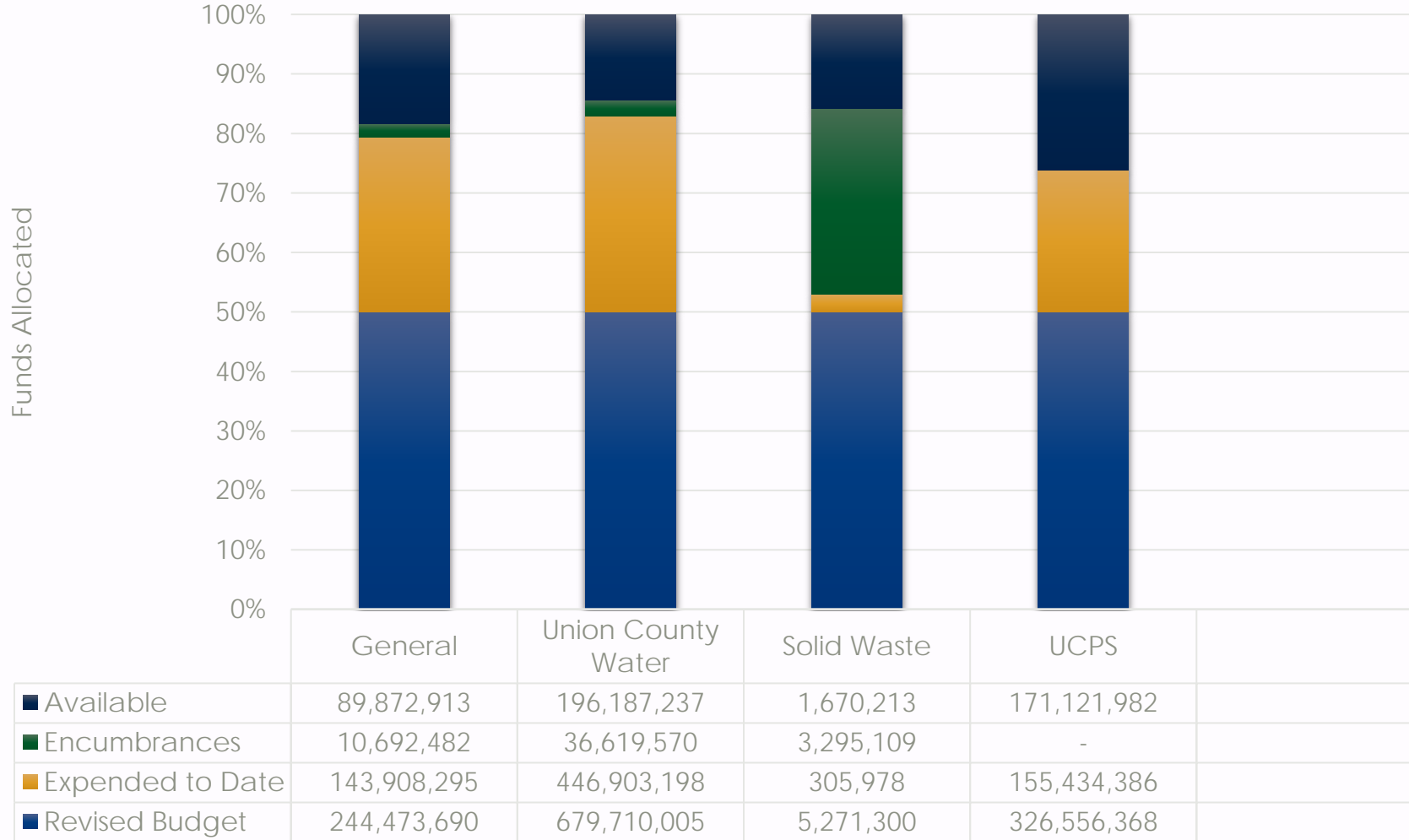
As of December 31, 2023

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82340	Design Work for FH High & East Union	\$ 4,900,000	\$ 4,557,920	\$ 342,080
	<i>2022 GO BOND PROJECTS</i>	\$ 4,900,000	\$ 4,557,920	\$ 342,080
82356	FY 2023 UCPS FOREST HILLS	\$ 101,362,411	\$ 15,826,642	\$ 85,535,769
82357	FY 2023 UCPS EAST ELEMENTARY	45,217,589	2,841,239	42,376,350
	<i>2023 GO BOND PROJECTS</i>	\$ 146,580,000	\$ 18,667,881	\$ 127,912,119
82316	UCPS 5YR Laptop Lease Pmt	\$ 17,485,485	\$ 14,985,196	\$ 2,500,289
	<i>LAPTOPS</i>	\$ 17,485,485	\$ 14,985,196	\$ 2,500,289
80000	Interfund Transfers Received	\$ 14,247	\$ -	\$ 14,247
	<i>SALES TAX REFUND</i>	\$ 14,247	\$ -	\$ 14,247
TOTAL TO DATE		\$ 326,556,368	\$ 155,434,386	\$ 171,121,982

CIP Budget





Questions?



UNIONCOUNTY
north carolina