

Quarterly CIP Report

As of September 30, 2022



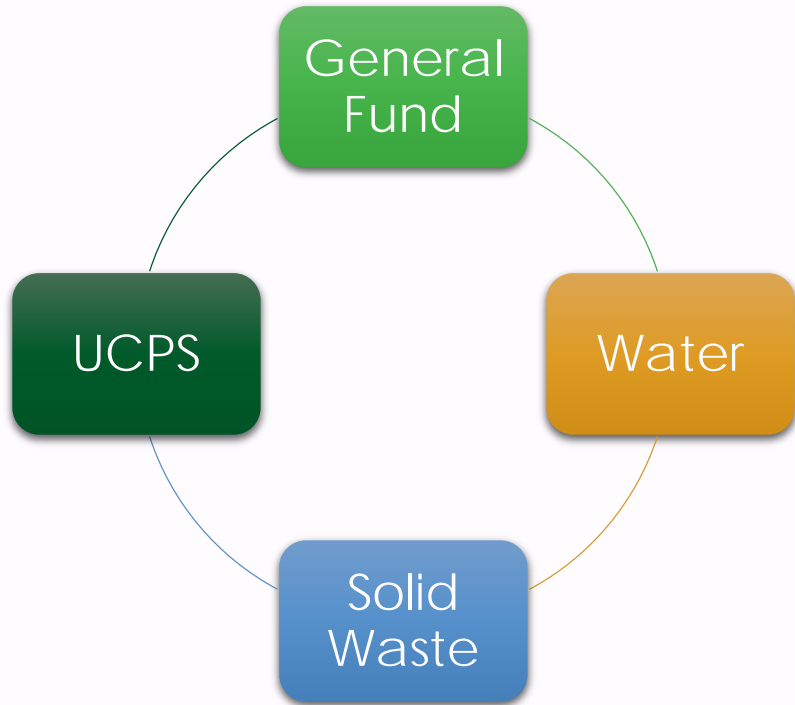
UNIONCOUNTY
north carolina

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Changes in Budget Appropriation from Prior Quarter:



For General CIP Fund, additional \$4,945,000 was appropriated for the new fiscal year, all of this is funded through Pay Go Cash. These funds were appropriated for new projects that are part of Facilities Maintenance and Renovations, Growth Management, Jail Maintenance Replacement and Expansion, Library Expansion and Development, Park Development and Renewal, and SPCC CIP.

For Union County Water, many changes took place in the first quarter of fiscal year 2023. Funding sources included \$18,882,576 from Pay Go Cash, \$6,467,733 from System Development Fees, \$60,366,691 came from Revenue Bonds. These funds were appropriated in programs that include 853 West Zone Improvements, Crooked Creek Basin Improvements, CRWTP Improvements, Twelve Mile Creek WWTP System Improvements, Lower Crooked Creek WRF, WW R&R, Water & WW Master Plan, Water Tank Rehabilitation and WW Treatment Plant R&R.

For UCPS CIP Fund \$15,912,036 was appropriated for fiscal year 2023 projects. \$3,210,275 was added to existing Laptop project. Project update from UCPS included ten projects that were currently active; transfers requested for Transportation project for flooring and paving projects; overages to be used in future projects; plans for various small projects to use fiscal year 2020 available funds.

Program Summary For General CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

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GENERAL CAPITAL PROJECT FUND

Fund 400

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80000	Ag Center Facility Expansion & Improvements	\$ 3,543,121	\$ 2,722,740	\$ 20,381	\$ 800,000
80001	Board of Elections	4,677,000	3,093,886	1,274,456	308,659
80002	Emergency Management	28,466,980	15,322,710	3,762,801	9,381,469
80003	Facilities Maintenance and Renovations	25,030,504	11,023,075	2,272,678	11,734,751
80004	Firearms Training Range	21,000	-	20,945	55
80005	Growth Management	600,000	200,000	-	400,000
80007	Human Services Campus	37,205,593	37,142,947	59,921	2,725
80008	IT Infrastructure & Enhancements	2,283,780	1,912,565	31,433	339,782
80009	Jail Maintenance, Replacement & Expansion	4,730,000	125,321	-	4,604,679
80010	Jesse Helms Park Development	500,000	-	-	500,000
80011	Law Enforcement Facility Expansion & Renovation	28,430,016	24,795,572	2,399,816	1,234,628
80012	Library Expansion and Development	14,417,825	1,295,972	9,656,915	3,464,938
80013	Park Development and Renewal	1,461,324	532,893	152,250	776,181
80014	SPCC CIP	31,451,788	5,003,893	-	26,447,895
80015	Tax Assessment Software	463,000	-	-	463,000
80016	Economic Development	21,212,405	21,115,315	1,500	95,590
TOTAL TO DATE		\$ 204,494,336	\$ 124,286,889	\$ 19,653,095	\$ 60,554,352

Project Summary For General CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

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GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80046	IT Infrastructure	\$ 1,588,238	\$ 1,354,553	\$ 2,783	\$ 230,902
80050	Jail Roof Replacement	620,000	-	-	620,000
80057	Human Services Campus	37,205,593	37,142,947	59,921	2,725
80060	Phone System Upgrade	655,000	547,232	28,650	79,118
80062	Historic Courthouse Renovations	1,990,503	1,842,101	139,892	8,510
80067	SPCC - Deferred Capital Maintenance	1,664,093	1,589,093	-	75,000
80069	County Facilities Repair	3,960,325	1,843,190	624,419	1,492,716
80072	Facilities AV Equipment	725,000	679,945	41,987	3,068
80076	SPCC Technology	2,218,315	2,087,065	-	131,250
80077	SPCC HVAC And Security	705,000	630,000	-	75,000
80078	SPCC Resurf Of Parking Lot	467,100	-	-	467,100
80079	SPCC Parking	345,000	-	-	345,000
80080	UCSO Renovations	27,430,016	24,794,702	2,368,087	267,227
80093	SPCC - Renovation - Building A	10,740,000	599,485	-	10,140,515
80094	SPCC - Renovation - Building B	1,800,000	66,385	-	1,733,615
80096	Southwest Union Library	14,417,825	1,295,972	9,656,915	3,464,938
80098	Planning NC DOT Projects	600,000	200,000	-	400,000
80099	EDC Industrial Park	21,212,405	21,115,315	1,500	95,590
80100	Cane Creek Camp Store	600,000	-	48,700	551,300
80103	Firearms Range Shoot House	21,000	-	20,945	55

Project Summary For General CIP Fund

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GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80105	Radio Towers SW Union	2,520,335	843,159	632,241	1,044,935
80106	Radio Microwave Replacement	482,774	257,118	225,656	-
80107	Board of Elections Renovations	4,677,000	3,093,886	1,274,456	308,659
80109	Emergency Services Complex	16,415,120	14,013,626	2,295,535	105,959
80112	Jail Block Renovations	1,950,000	-	-	1,950,000
80113	UC Jail Generator Replacement	395,000	69	-	394,931
80119	JHP Improvements 4H Arena	2,743,121	2,722,740	20,381	-
80120	CC Park Campground R&R	375,070	213,251	41,217	120,602
80123	Government Center - Building Envelope Repairs	1,600,000	-	-	1,600,000
80125	Historic Courthouse Renovations Phase 2	1,725,000	-	-	1,725,000
80126	Jail Door Controls and Cell Locks Upgrade	1,700,000	125,252	-	1,574,748
80131	Operating Capital County 2020	1,925,000	652,168	207,793	1,065,039
80132	Operating Capital UCSO FY 2020	625,000	129,519	-	495,481
80134	Parks and Rec R&R FY 2020	486,254	319,642	62,333	104,279
80135	UCSO R&R FY 2020	1,204,000	299,437	51,485	853,078
80142	GC Electrical Infrastructure	1,040,000	52,070	82,470	905,460
80145	UC Jail Domestic Water Source	65,000	-	-	65,000
80146	Ag Center - Generator & Infrastructure	350,000	-	27,300	322,700
80147	Government Center - Replace Liebert Unit 3F	40,000	-	-	40,000
80156	Library Replace Metal Arc Pane	568,000	-	13,800	554,200

Project Summary For General CIP Fund

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GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80159	Progress Building	6,593,676	5,514,495	1,079,181	-
80160	Radio Shop Renovation	993,455	40,816	32,670	919,969
80161	SPCC Camera System	239,400	31,865	-	207,535
80162	SPCC Access Controls	2,197,780	-	-	2,197,780
80163	Radio Backhaul	559,000	167,992	385,943	5,065
80164	VFD Air Packs	1,280,000	-	-	1,280,000
80166	Event Center JHP Support Build	800,000	-	-	800,000
80167	JHP Amenities Improvements	500,000	-	-	500,000
80168	UPS Infrastructure Upgrades	150,000	-	-	150,000
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	-	-	90,000
80173	UC Jail - Replace Washers/Dryers	335,000	10,150	4,350	320,500
80174	UCPS - Replace Generator	90,000	-	-	90,000
80175	Public Safety Training Center	4,500,000	-	-	4,500,000
80176	Short-Term Fire Training Needs	1,500,000	-	-	1,500,000
80177	Pictometry Phase III	463,000	-	-	463,000
80178	UCSO Crime Lab	1,000,000	870	31,729	967,401
80179	SPCC Aseptic Training Center	11,075,100	-	-	11,075,100

Project Summary For General CIP Fund

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Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80180	Farmer's Market Enclosure	1,700,000	-	-	1,700,000
80181	Emergency Management Equipment	216,296	-	190,755	25,541
80182	Public Records Request System	40,542	10,780	-	29,762
TOTAL TO DATE		\$ 204,494,336	\$ 124,286,889	\$ 19,653,095	\$ 60,554,351

Major General Fund Capital Improvement Projects

Board of Elections Renovations

Cane Creek Camp Store

Emergency Services Complex

Historic Courthouse Renovations Phase 2

Jail Block Renovations

Jail Door Controls and Cell Locks Upgrade

Progress Building

Radio Shop Renovation

Southwest Union Library

UCSO Renovations

Board of Elections Renovations (80107)

Land / Predesign

Design

Construction



Scope

This project includes the renovation of approximately 9,200 gsf of space currently occupied by the Board of Elections. It also includes an expansion of approximately 5,800 gsf to the existing building. The renovation of existing space is comprehensive in nature and includes changes to the floor plan and upgrades to mechanical systems and finishes. The expansion will serve to enhance the ability to adequately and efficiently store and service voting machines in a secure and dedicated space as well as allow for an increase in programmed office and support space.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$4,677,000	\$3,093,886	\$1,274,456	\$308,659



Project Detail

Department	Board of Elections
Location	316-B East Windsor Street
Project Manager	Linda Whitaker

Funding Sources

Go Bond	\$4,525,000
Installment Financing	-
Pay Go Cash	\$100,000
Other	\$52,000

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	12/16/2019	11/12/2020	\$312,000
Construction	06/08/2021	11/15/2022	\$4,365,000

Estimated End Date

11/15/2022

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
\$600,000	-	\$48,700	\$551,300



Project Detail

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

Funding Sources

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

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	06/01/2022	01/01/2023	\$58,879
Construction	05/01/2023	05/01/2024	\$541,121

Estimated End Date

05/01/2024



Emergency Services Complex (80109)



Scope

This project includes the construction of new building sized at approximately 24,000 gross square feet that will consolidate all divisions in one location to enhance operations and coordination. It will include space for Emergency Management, Fire Marshal and Emergency Communications (911). Primary new spaces include the 911 Call Center and Emergency Operations Center. The construction will be seismic rated, electrically resilient, include some attack resistance features and have many redundant building systems including backup generators, HVAC, and data and communications infrastructure.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$16,415,120	\$14,013,626	\$2,295,535	\$105,959

Project Detail

Department	Emergency Services
Location	Concord Avenue
Project Manager	Gordon Vincent

Funding Sources

Go Bond	\$14,859,984
Installment Financing	-
Pay Go Cash	\$1,110,136
Other	\$445,000

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	10/01/2019	12/15/2020	\$1,271,000
Construction	04/19/2021	06/18/2022	\$15,144,120

Estimated End Date

09/21/2022

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	-	-	-

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

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	03/01/2023	12/01/2023	\$1,560,000

Estimated End Date
12/01/2023



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
\$1,700,000	\$125,252	-	\$1,574,748

Project Detail

Department	UCSO
Location	3344 Presson Road
Project Manager	Gordon Vincent

Funding Sources

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

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	02/02/2022	08/01/2022	\$72,000
Construction	12/01/2022	12/01/2023	\$1,628,000

Estimated End Date
12/01/2023

Progress Building (80159)

Land / Predesign

Design

Construction



Scope

This project will include renovation of approximately 10,000 gsf of office space and installation of provisions in the warehouse that allow proper fire rating separation and ventilation rates to support gas powered vehicles to be stored. The renovated spaces will support the Facilities Management administrative functions, Transportation administrative and operational functions and the Economic Development department. The renovation will include updates to various finishes, floor plan reconfigurations and the installation of an elevator to provide ADA access to the second floor of the office section of the building.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$6,593,676	\$5,514,495	\$1,079,181	-



Project Detail

Department	General Services
Location	Airport Road
Project Manager	Linda Whitaker

Funding Sources

Go Bond	\$675,000
Installment Financing	\$5,551,676
Pay Go Cash	\$127,000
Other	\$240,000

Activity

Activity	Start	End	Cost
Land / Predesign	09/20/2020	09/20/2020	\$4,972,418
Design	10/19/2020	09/01/2021	\$55,274
Construction	12/22/2021	11/18/2022	\$1,565,984

Estimated End Date

11/18/2022

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	\$40,816	\$32,670	\$919,969

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	12/01/2021	08/01/2022	\$53,026
Construction	08/01/2022	06/01/2023	\$940,429

Estimated End Date

06/01/2023

Southwest Union 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 juvenile areas, maker space and operational and support spaces.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$14,417,825	\$1,295,972	\$9,656,915	\$3,464,938



Project Detail

Department	Library
Location	Cuthbertson Road
Project Manager	Linda Whitaker

Funding Sources

Go Bond	\$10,617,825
Installment Financing	-
Pay Go Cash	\$2,000,000
Other	\$1,800,000

Activity

Activity	Start	End	Cost
Land / Predesign	11/01/2018	01/21/2020	\$182,300
Design	02/28/2020	09/01/2021	\$798,825
Construction	08/01/2022	01/16/2024	\$11,936,700

Estimated End Date

12/01/2023

UCSO Renovations (80080)

Land / Predesign

Design

Construction



Scope

This project includes the construction of a new building sized at approximately 62,000 gsf to house the UCSO administration and other operational departments. It also includes a large multipurpose space that can serve as a community meeting room and training area. The building will include hardened entries and some redundancies for electrical, mechanical and data systems.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$27,430,016	\$24,794,702	\$2,368,087	\$267,227



Project Detail

Department	UCSO
Location	Presson Road
Project Manager	Gordon Vincent

Funding Sources

Go Bond	\$27,300,016
Installment Financing	-
Pay Go Cash	\$130,000
Other	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	05/20/2020	12/01/2020	\$2,226,450
Construction	06/01/2021	06/10/2022	\$25,203,566

Estimated End Date

09/12/2022

Program Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

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PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85000	762 Zone Improvements	\$ 15,782,993	\$ 3,289,155	\$ 955,245	\$ 11,538,593
85001	853 South Zone Improvements	200,000	-	-	200,000
85002	853 West Zone Improvements	61,287,161	13,014,467	12,361,506	35,911,188
85003	Crooked Creek Basin Improvements	22,798,840	1,797,627	180,228	20,820,986
85004	CRWTP Improvements	47,973,154	44,697,604	1,019,265	2,256,284
85007	New 880 Pressure Zone	1,801,163	1,531,678	1,228	268,258
85008	Short Water Line Extensions	20,226,493	3,833,234	366,748	16,026,511
85009	Town Center Sewer Development	1,388,200	64,200	324,000	1,000,000
85010	Twelve Mile Ck WWTP System Improvement	104,761,616	59,955,900	10,452,844	34,352,872
85011	UCPW Buildings and Improvement	9,625,000	259,778	1,532,622	7,832,600
85012	Lower Crooked Creek WRF	46,900,000	6,940,930	15,248,209	24,710,860
85013	Yadkin River Water Supply	309,085,590	221,894,668	81,085,647	6,105,276
85017	935 Zone Improvements	5,000,000	-	-	5,000,000
86000	Wastewater Pump Station Improvements	5,815,296	1,261,785	137,967	4,415,543
86001	Wastewater Rehab and Replacements	23,980,448	4,677,004	1,516,061	17,787,383
86002	Water & Wastewater Master Plan	1,485,834	980,286	380,548	125,000
86003	Water Rehab and Replacement	37,164,336	8,992,862	13,905,275	14,266,199
86004	Water Tank Rehabilitation	2,745,279	1,553,746	111,550	1,079,983
86005	Waste Water Treatment Plant R&R	15,200,000	8,456,416	2,044,064	4,699,521
86007	EDC Industrial Park W&WW	3,000,000	464,065	168,766	2,367,169
TOTAL TO DATE		\$ 736,221,403	\$ 383,665,405	\$ 141,791,773	\$ 210,764,225

Project Summary For Public Works CIP Fund

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PUBLIC WORKS 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	\$ 73,800	\$ 895,251	\$ -
84015	Water R&R Program	1,958,498	-	-	1,958,498
84024	SCADA Master Plan - Water	7,700,000	2,210,281	265,360	5,224,359
84080	Marshville Water Tank Rehab	1,973,965	808,977	110,808	1,054,180
84084	762 Zone Elevated Tank	4,513,942	3,215,355	59,995	1,238,593
84085	IT Add Tank 1/Watkins BPS Impr	8,900,000	-	-	8,900,000
84086	853 West Transmission Main Improvements	24,472,974	12,544,588	11,592,397	335,989
84089	YRWSP Distribution System Improvements	2,800,000	1,343,239	1,005,799	450,963
84090	SDF CRF Yadkin Raw Water	161,004,237	117,573,971	40,989,790	2,440,475
84091	YRWSP WTP & Finished Water Infrastructure	121,721,040	84,886,193	33,982,908	2,851,939
84096	762 Zone Expansion	300,000	-	-	300,000
84098	Galvanized Replacements FY18 - FY2033	1,745,549	194,934	716,577	834,039
84106	853 West Zone Transmission Main Phase 2	4,114,187	124,285	20,603	3,969,299
84108	Advanced Metering Infrastructure	17,600,000	4,827,462	12,388,149	384,388
84112	Yadkin Stanly Settlement	1,038,440	1,020,362	18,078	-
84114	Yadkin Montgomery Settlement	784,943	747,979	36,964	-
84117	CRWTP Fencing	429,721	418,127	-	11,594
84119	Worwood Acres Waterline Replacement	983,931	865,859	7,620	110,452
84120	Shortline Water Extensions FY 2020	10,226,493	3,833,234	366,748	6,026,511
84121	880 Pressure Zone Charlotte Water Interconnect	1,801,163	1,531,678	1,228	268,258

Project Summary For Public Works CIP Fund

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PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84123	Galvanized Line Replacement FY 20	765,454	740,658	15,744	9,052
84124	Northwest Tank Refurbishment	771,314	744,769	741	25,803
84125	Northwest Tank Refurbishment	5,000,000	-	-	5,000,000
84126	762 Zone Main	10,000,000	-	-	10,000,000
84127	Emerald Woods Water Line	800,000	-	-	800,000
84128	Short Line Extensions FY 2022	5,000,000	-	-	5,000,000
84129	Short Line Extensions FY 2023	5,000,000	-	-	5,000,000
84130	Waxhaw Water Improvements	200,000	-	-	200,000
84502	SDF CRF CRWTP Reservoir Exp	29,238,406	28,885,099	35,866	317,441
84503	CRWTP Process Improvements	5,742,900	5,669,841	73,059	-
84504	Yadkin Water Supply	4,691,510	4,091,279	238,815	361,416
84506	SDF CRF CRWTP Plant Exp	9,617,275	9,607,180	10,095	-
84507	YRWSP Program Management	17,045,420	12,231,645	4,813,292	483
84508	Chestnut Lane Connector Water	440,000	8,300	-	431,700
84509	Bulk Water Filling Stations	1,000,000	-	-	1,000,000
84510	Stack Road Water Line	1,158,442	144,641	52,247	961,553
84511	Hwy 75 Pump Station Upgrades	200,000	-	-	200,000
84512	SCADA	1,714,852	97,663	19,145	1,598,044
84513	Civil Site Improvements	200,000	-	-	200,000
84514	Basin Covers	50,000	-	-	50,000

Project Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84515	Presson Road Waterline	610,000	727	-	609,273
84516	Catawba River Water Pump Upgrade	980,000	19,695	881,100	79,205
84517	FY22 Water Main Replacement	702,462	-	-	702,462
84518	Indian Trail Rd Streetscape	1,100,000	-	59,578	1,040,422
84519	Lawyers/Rocky River Rd Roundab	400,000	-	400,000	-
85006	Wastewater R&R Program	8,056,146	80,376	55,692	7,920,079
85009	SCADA Master Plan - Wastewater	7,700,000	2,210,290	265,360	5,224,350
85036	Stallings - Collection System	388,200	64,200	324,000	-
85040	CC Interceptor Improvements Phase 1	4,178,193	542,149	51,981	3,584,063
85042	Blythe Creek Sewer Improvements	6,495,283	6,495,281	-	2
85045	Collection System SSES & Rehab	1,411,356	375,598	23,321	1,012,437
85047	West Fork 12 Mile Interceptor Improvements	14,459,295	7,060,765	6,862,876	535,654
85050	Poplin Road Pump Station Interim Improvements	18,100,000	6,669,008	10,527,256	903,735
85051	Suburban Estates PS & Force Main	1,071,000	158,164	13,921	898,915
85055	WWTP R&R	1,250,181	179,310	-	1,070,871
85056	Waxhaw Interceptor	6,300,000	3,871,837	2,299,272	128,891
85057	Crooked Creek Interceptor Improvements Phase 2	15,857,991	942,315	91,152	14,824,524
85058	Crooked Ck Interceptr Imp Ph 3	800,000	-	-	800,000
85061	12 Mile Creek I&I Abatement	2,067,000	386,731	46,250	1,634,019
85063	WRF Process Evaluation	541,380	465,664	66,506	9,210

Project Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85064	Septic Tank Assessment	4,404,302	1,109,963	739,750	2,554,590
85065	EDC Industrial Park Pump Station	3,000,000	464,065	168,766	2,367,169
85068	Waxhaw Clay Lining WW R&R	310,000	104,489	1,867	203,644
85070	Deese PS Decommission	662,576	621,837	4,496	36,242
85072	CCWRF Electrical Improvements	7,402,439	2,210,032	1,672,235	3,520,172
85073	CCWRF Process Improvements	4,290,000	4,043,597	217,202	29,201
85074	Olde Sycamore WRF Process Improvements	1,616,000	1,557,814	38,851	19,336
85076	WW Pump Station Improvements	2,527,314	-	-	2,527,314
85077	2020 MP WW Flow Monitoring	214,050	198,750	15,300	-
85079	FY22 Union County Pump Station	1,000,000	65,600	94,850	839,550
85082	FY22 Union County Pump Station	700,000	-	-	700,000
85083	Crooked Creek UV Equipment	100,000	-	49,270	50,730
85517	SDF CRF 12M CK WWTP Exp	41,379,577	41,030,842	20,338	328,397
85520	Lower Crooked Creek WRF	1,874,245	203,396	224	1,670,625
85521	Tarkhill Force Main R&R	1,690,000	1,067,037	453,392	169,570
85522	STEG Assessment Waxhaw	1,220,000	104,850	-	1,115,150
85523	Potter-Pleasant Plains WW Inte	1,000,000	-	-	1,000,000
85524	SPCC Extension	660,000	-	-	660,000
85525	Grassy Branch WRF Expansion	3,500,000	-	-	3,500,000
85526	853 West Zone Transmission Main Phase 3	10,600,000	345,594	748,506	9,505,900

Project Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

PUBLIC WORKS 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	68,526	4,720,729	18,636,500
85531	CRF 12 Mile Creek Exp 7.5 - 9	33,300,461	1,047,886	1,222,166	31,030,409
85532	Poplin Force Main Relocation	600,000	-	-	600,000
85533	Indian Trail Park/Grover Place	191,656	154,998	23,175	13,484
85534	6 Mile Service Area Assessment	100,000	62,558	1,942	35,500
86007	Master Plan Update(old)	1,360,834	980,286	380,548	-
86019	Op Center Expansion and Renovations	3,700,000	42,920	140	3,656,940
86020	Op Center Storage	2,900,000	-	-	2,900,000
86021	CC WRF Administration Building	1,325,000	97,284	50,366	1,177,350
86022	12 Mile WRF Administration Building	1,700,000	119,574	1,482,116	98,310
86024	12ML Storage Building Improvem	125,000	-	-	125,000
TOTAL TO DATE		\$ 736,221,403	\$ 383,665,405	\$ 141,791,773	\$ 210,764,225

Major Public Works Capital Improvement Projects

12 Mile Creek WWTP Expansion Phase 2

853 West Transmission Main Improvements

853 West Zone Transmission Main Phase 2

853 West Zone Transmission Main Phase 3

Advanced Metering Infrastructure (AMI)

Crooked Creek Interceptor Improvements Phase 2

Crooked Creek Site B

EDC Industrial Park Pump Station

Poplin Road Pump Station Interim Improvements

SCADA Master Plan – Water

SCADA Master Plan – Wastewater

Shortline Extensions FY 2020

STEG Assessment Waxhaw

Septic Tank Assessment

Waxhaw Interceptor

West Fork 12 Mile Interceptor Improvements

YRWSP Distribution System Improvements

YRWSP Program Management

YRWSP Raw Water Intake, Pump Station & Transmission Main

YRWSP WTP & Finished Water Infrastructure

12 Mile Creek WWTP Expansion Phase 2 (85531)

Land / Predesign

Design

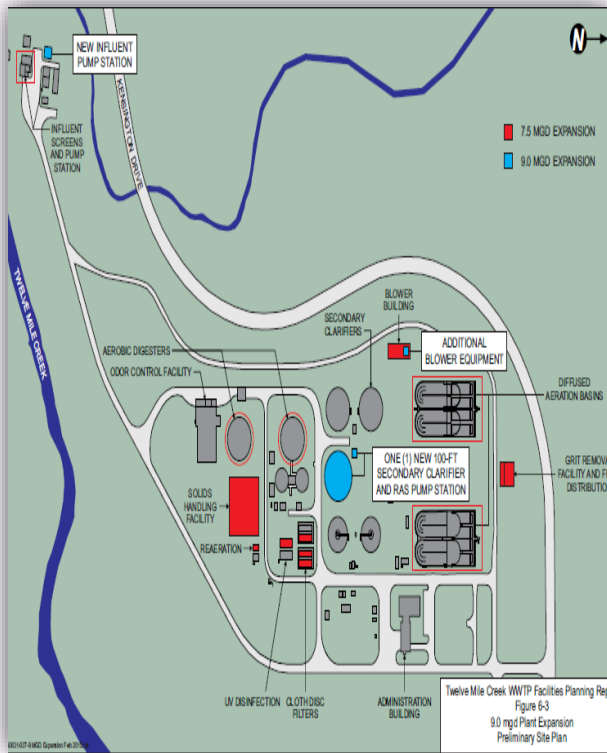
Construction

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
\$33,300,461	\$1,047,886	\$4,720,729	\$18,636,500



Project Detail

Location	Waxhaw
Project Manager	Grant Moore

Funding Sources

Other	-
Pay Go Cash	\$284,102
Revenue Bonds	\$24,349,984
System Development Fees	\$8,666,375

Activity

Activity	Start	End	Cost
Land / Predesign	09/01/2021	12/01/2021	-
Design	01/01/2022	04/30/2023	\$2,800,461
Construction	08/01/2023	02/28/2025	\$30,500,000

Estimated End Date

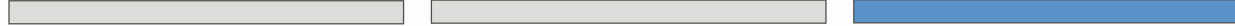
02/2025

853 West Transmission Main Improvements (84086)

Land / Predesign

Design

Construction

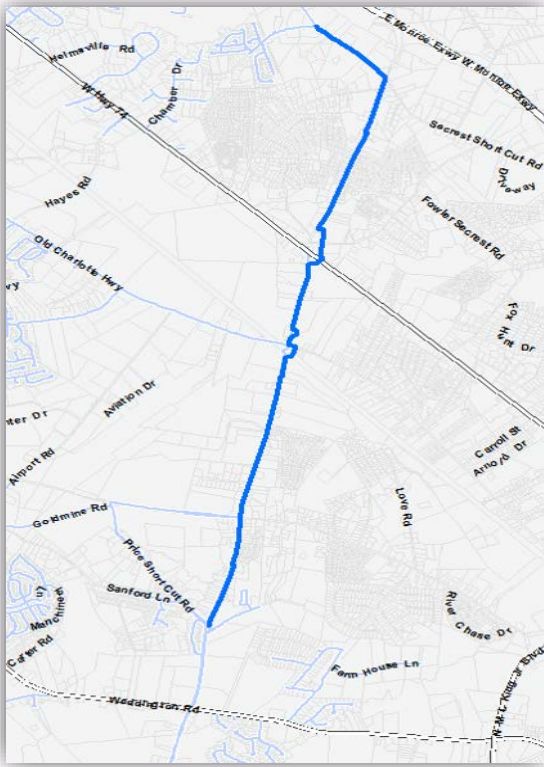


Scope

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
\$24,472,974	\$12,544,588	\$11,592,397	\$335,989



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	04/30/2023	\$22,170,097

Estimated End Date

04/2023

853 West Zone Transmission Main Phase 2 (84106)

Land / Predesign

Design

Construction

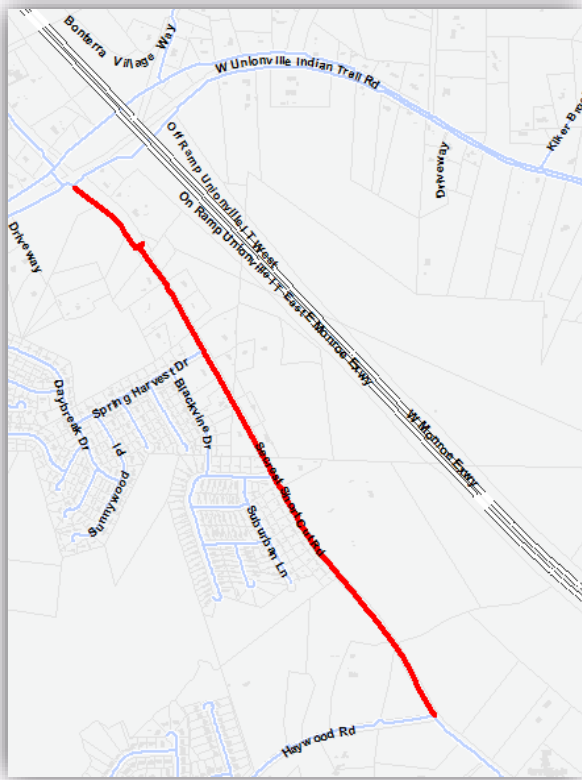


Scope

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	\$124,285	\$20,603	\$3,969,299



Project Detail

Location	Indian Trail
Project Manager	Scott Huneycutt

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	01/01/2023	12/31/2023	\$3,600,000

Estimated End Date
12/2023

853 West Zone Transmission Main Phase 3 (85526)

Land / Predesign

Design

Construction

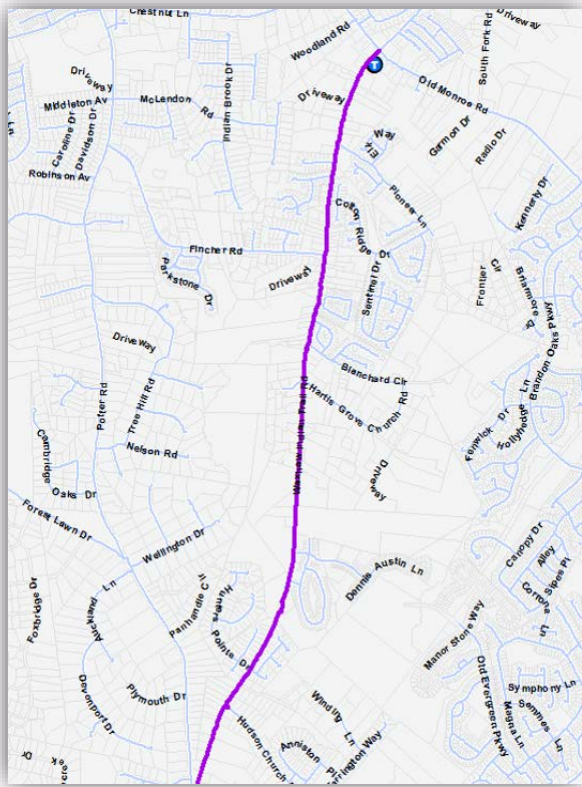


Scope

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
\$10,600,000	\$345,594	\$748,506	\$9,505,900



Project Detail

Location	Indian Trail
Project Manager	Scott Huneycutt

Funding Sources

Other	-
Pay Go Cash	\$1,300,000
Revenue Bonds	\$9,300,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	03/01/2022	12/31/2022	\$1,300,000
Construction	03/01/2023	06/30/2024	\$9,300,000

Estimated End Date

06/2024

Advanced Metering Infrastructure (AMI) (84108)

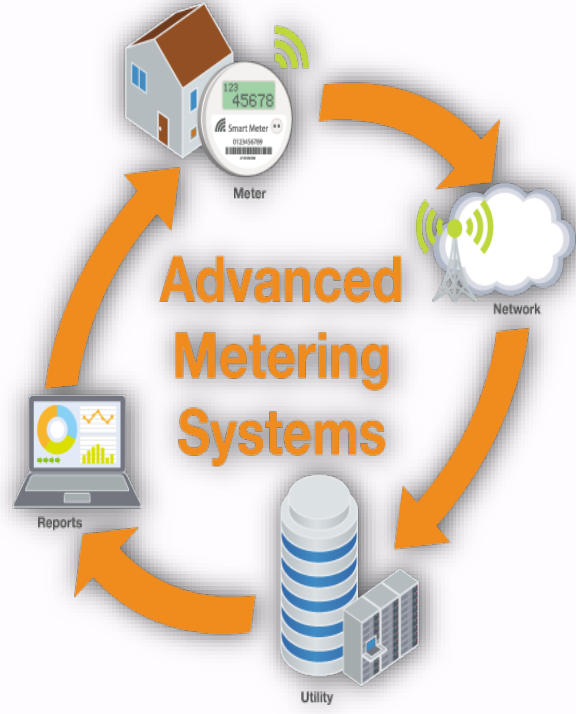


Scope

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	\$4,827,462	\$12,388,149	\$384,388



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	12/31/2023	\$15,300,000

Estimated End Date
12/2023

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
\$15,857,991	\$942,315	\$91,152	\$14,824,524



Project Detail

Location	Indian Trail
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$657,991
Revenue Bonds	\$15,200,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	09/01/2021	12/15/2022	-
Design	10/01/2020	12/15/2022	\$857,607
Construction	04/01/2023	12/31/2024	\$15,000,384

Estimated End Date
12/2024

Crooked Creek Site B (85530)

Land / Predesign

Design

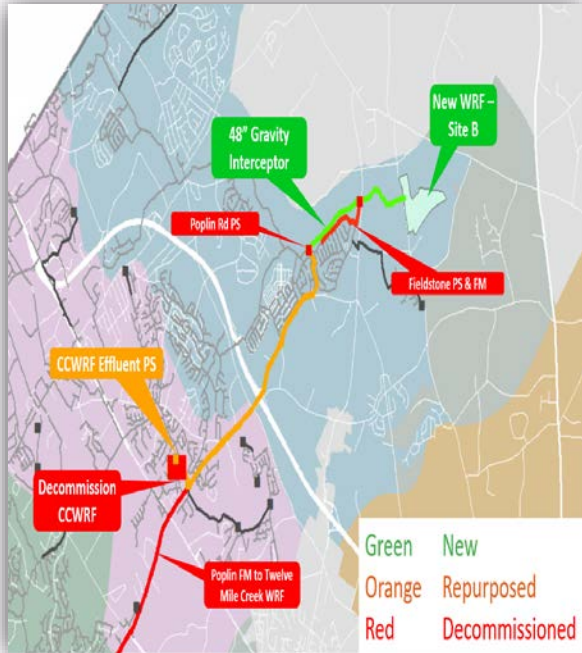
Construction

Scope

Project includes a new 6.0 MGD Water Reclamation Facility, approximately 11,000 feet of 48-inch gravity interceptor, repurposing the existing Crooked Creek WRF to a transfer pump station, and decommissioning of the existing Crooked Creek WRF treatment facilities and Fieldstone pump station and force main. The Comprehensive Water and Wastewater Master Plan Addendum identified the need to provide additional wastewater treatment capacity in the Crooked Creek service area. This project contemplates alternate location, capacity, and scope from the original masterplan concept.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$23,425,755	\$68,526	\$4,720,729	\$18,636,500



Project Detail

Location	Indian Trail
Project Manager	Thomas Mann

Funding Sources

Other	\$8,000,000
Pay Go Cash	-
Revenue Bonds	\$15,425,755
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	01/01/2023	12/31/2026	-
Design	01/01/2025	12/31/2026	\$125,755
Construction	04/01/2027	03/31/2030	\$23,300,000

Estimated End Date

03/2030

EDC Industrial Park Pump Station (85065)

Land / Predesign

Design

Construction

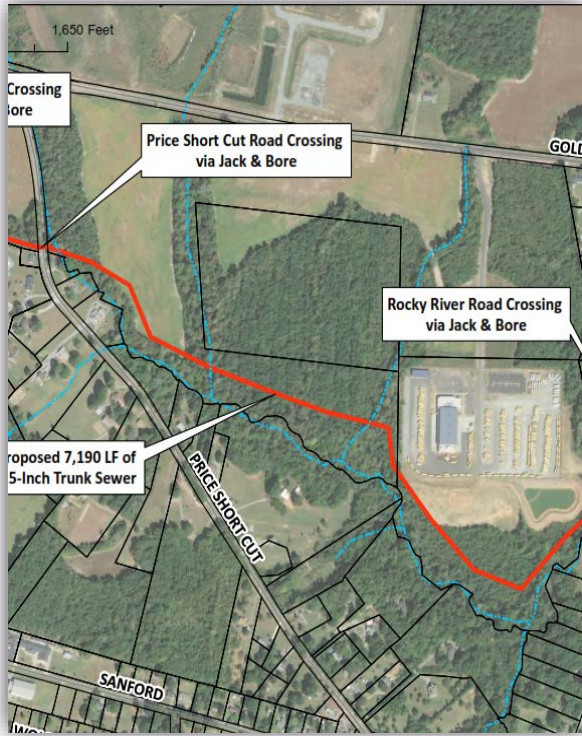


Scope

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
\$3,000,000	\$464,065	\$168,766	\$2,367,169



Project Detail

Location	Monroe
Project Manager	Grant Moore

Funding Sources

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

Activity

Activity	Start	End	Cost
Land / Predesign	12/01/2019	05/31/2022	-
Design	12/01/2019	02/28/2023	-
Construction	03/01/2023	12/31/2024	\$3,000,000

Estimated End Date

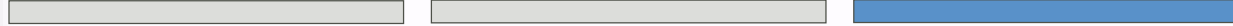
12/2024

Poplin Road Pump Station Interim Improvements (85050)

Land / Predesign

Design

Construction

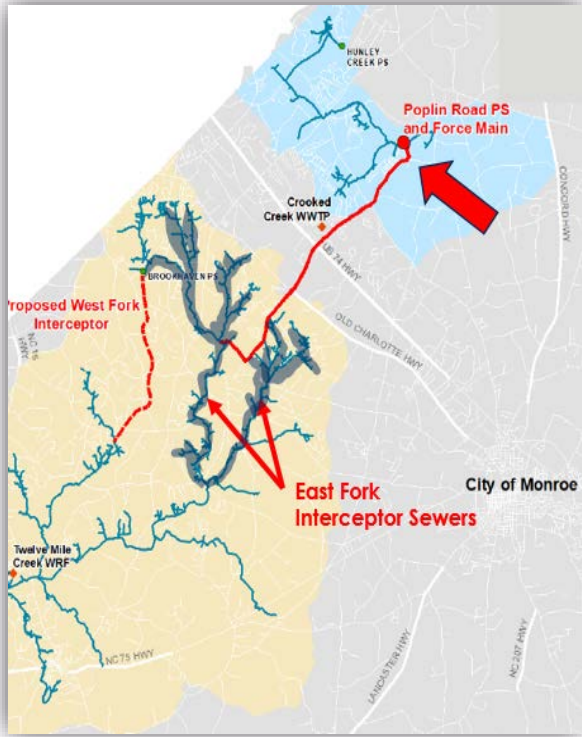


Scope

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
\$18,100,000	\$6,669,008	\$10,527,256	\$903,735



Project Detail

Location	Indian Trail
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$3,400,000
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	\$1,500,000
Construction	04/01/2022	08/31/2023	\$16,300,000

Estimated End Date

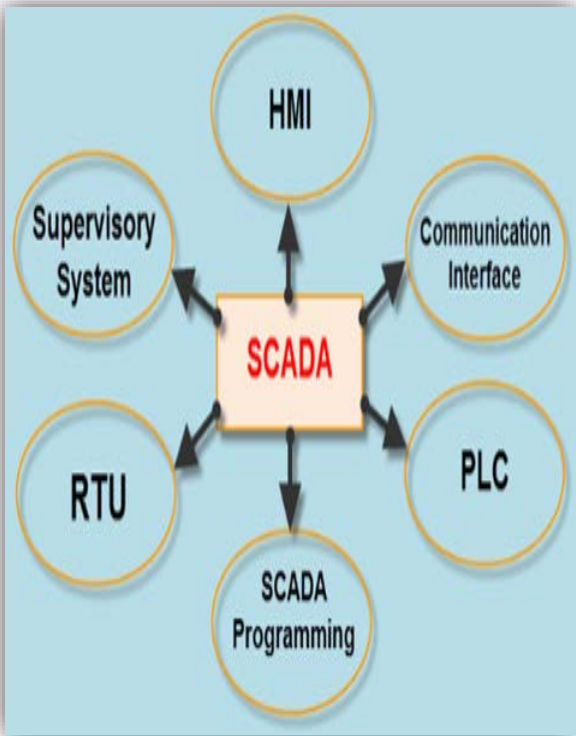
08/2023

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
\$7,700,000	\$2,210,281	\$265,360	\$5,224,359

Project Detail

Location	-
Project Manager	John Shutak

Funding Sources

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

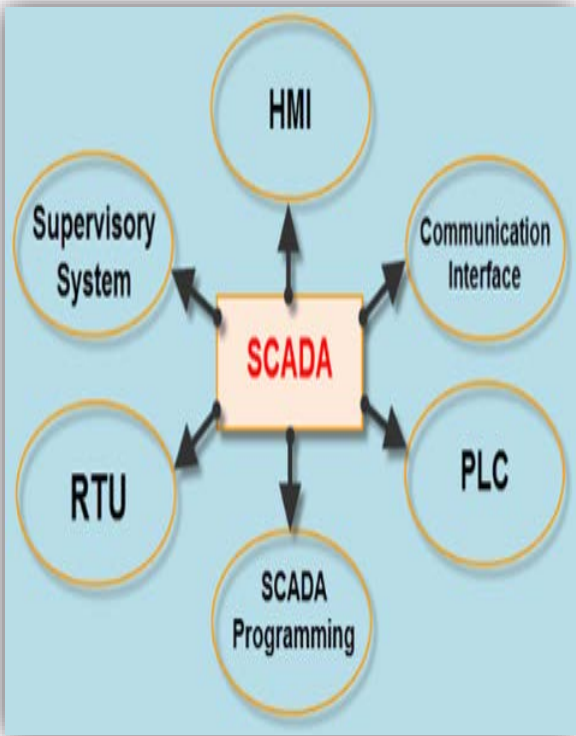
Activity

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	07/31/2024	\$6,400,000

Estimated End Date

07/2024

SCADA Masterplan - Wastewater (85009)



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
\$7,700,000	\$2,210,290	\$265,360	\$5,224,350

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	07/31/2024	\$6,400,000

Estimated End Date

07/2024

Short Line Extensions FY 2021 (84120)

Land / Predesign

Design

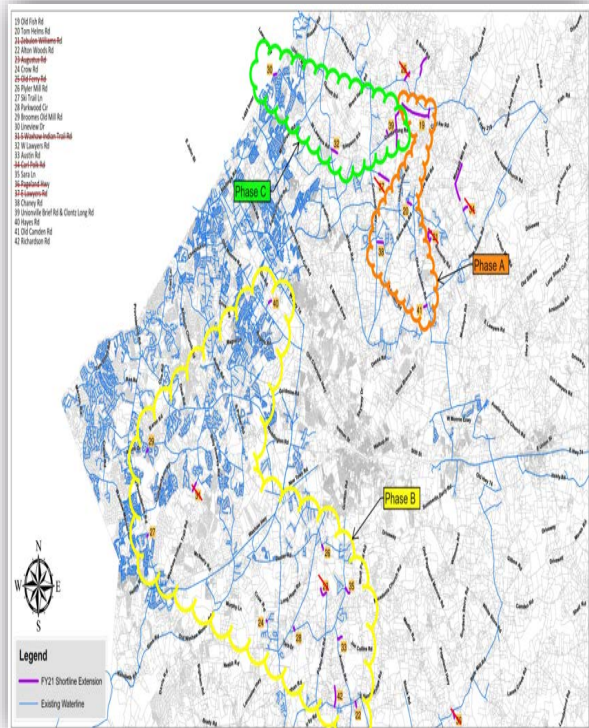
Construction

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
\$10,226,493	\$3,833,234	\$366,748	\$6,026,511



Project Detail

Location	Indian Trail, Monroe, Waxhaw
Project Manager	Alina Young

Funding Sources

Other	-
Pay Go Cash	\$5,226,493
Revenue Bonds	\$5,000,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	10/01/2020	12/31/2020	-
Design	01/01/2021	10/31/2022	\$700,000
Construction	01/01/2023	12/31/2023	\$9,526,493

Estimated End Date

12/2023

STEG Assessment Waxhaw (85522)

Land / Predesign

Design

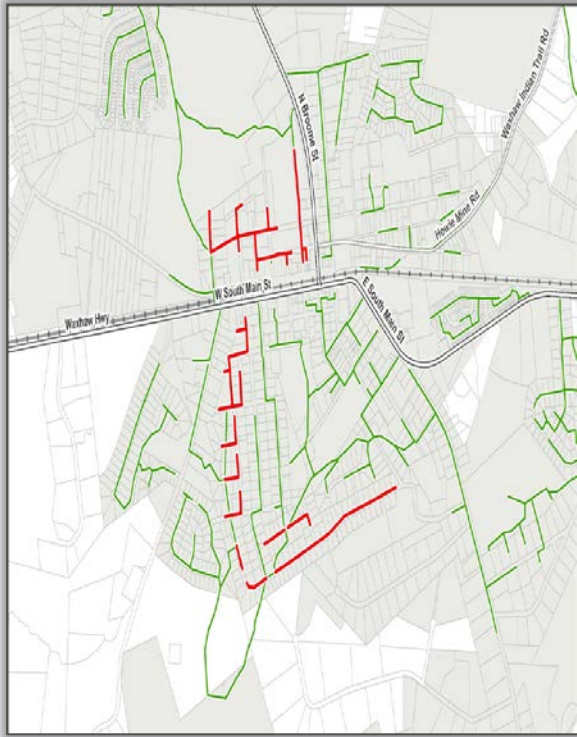
Construction

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.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$1,220,000	\$104,850	-	\$1,115,150



Project Detail

Location	Waxhaw
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$1,220,000
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	04/01/2021	10/31/2021	-
Design	12/01/2022	09/30/2023	\$120,000
Construction	02/01/2023	08/31/2024	\$1,100,000

Estimated End Date

08/2024

Septic Tank Assessment (85064)

Land / Predesign

Design

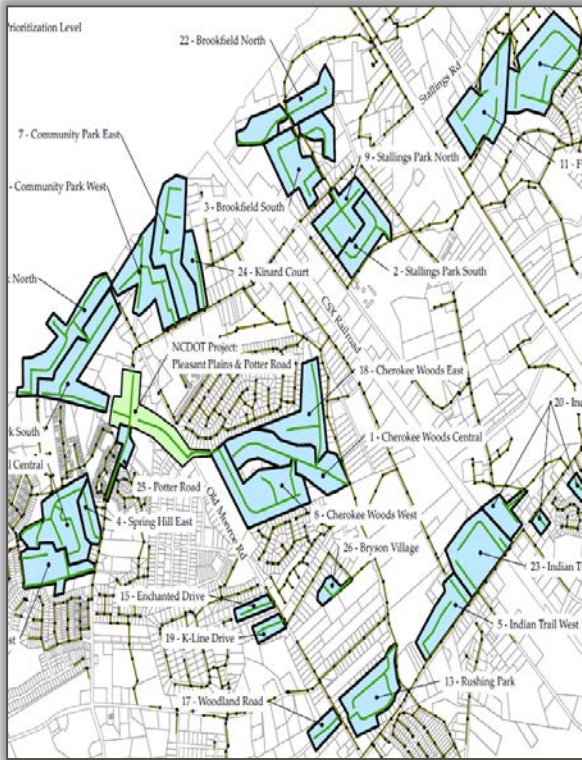
Construction

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
\$4,404,302	\$1,109,963	\$739,750	\$2,554,590



Project Detail

Location	Indian Trail, Stallings
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$4,404,302
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	\$3,267,302

Estimated End Date

06/2029

Waxhaw Interceptor (85056)

Land / Predesign

Design

Construction

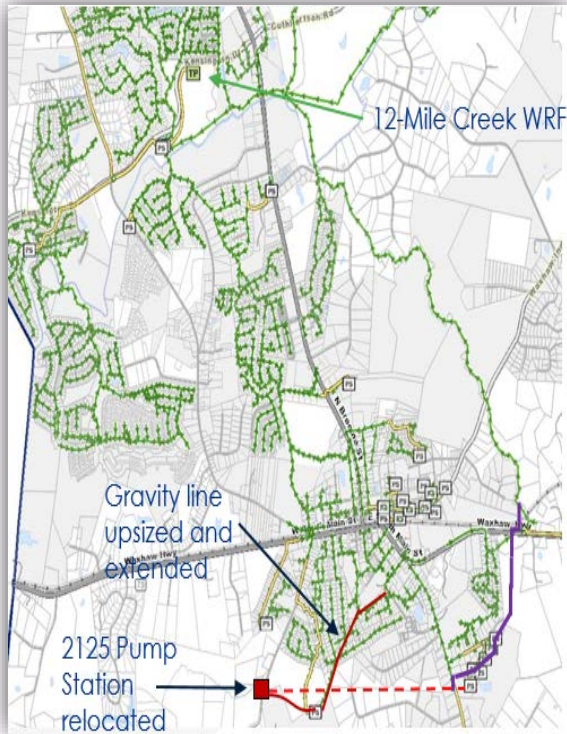


Scope

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
\$6,300,000	\$3,871,837	\$2,299,272	\$128,891



Project Detail

Location	Waxhaw
Project Manager	Grant Moore

Funding Sources

Other	-
Pay Go Cash	\$400,000
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	01/31/2023	\$5,800,000

Estimated End Date

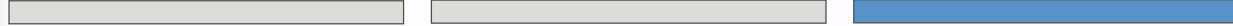
01/2023

West Fork 12 Mile Interceptor Improvements (85047)

Land / Predesign

Design

Construction

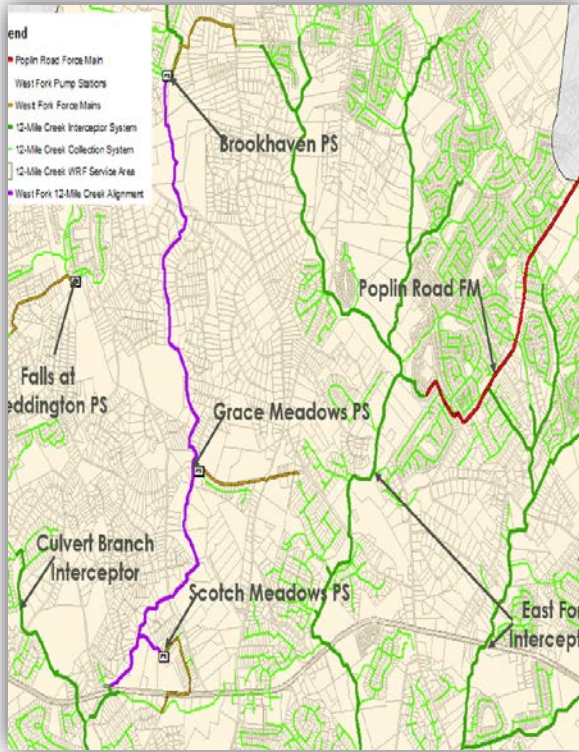


Scope

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
\$14,459,295	\$7,060,765	\$6,862,876	\$535,654



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	11/30/2023	\$13,460,895

Estimated End Date

11/2023

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
\$2,800,000	\$1,343,239	\$1,005,799	\$450,963



Project Detail

Location	Monroe
Project Manager	Thomas Mann

Funding Sources

Other	\$300,000
Pay Go Cash	\$2,500,000
Revenue Bonds	-
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	05/01/2022	12/31/2022	-
Design	12/01/2020	12/31/2022	\$2,800,000
Construction	03/01/2023	03/31/2025	-

Estimated End Date

03/2025

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	\$12,231,645	\$4,813,292	\$483



Project Detail

Location	-
Project Manager	John Shutak

Funding Sources

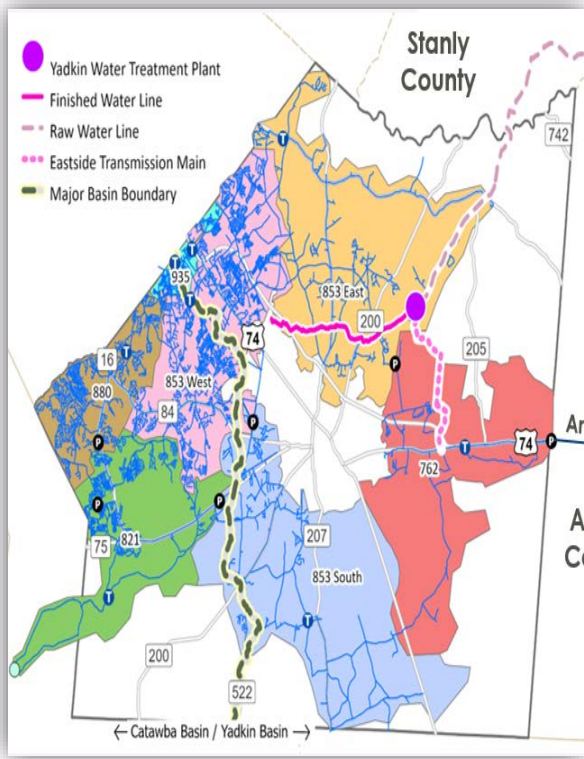
Other	-
Pay Go Cash	\$12,945,420
Revenue Bonds	\$4,100,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	02/01/2017	07/01/2020	\$16,186,420
Construction	08/01/2020	11/30/2023	\$859,000

Estimated End Date

11/2023



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
\$161,004,237	\$117,573,971	\$40,989,790	\$2,440,475

Project Detail

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

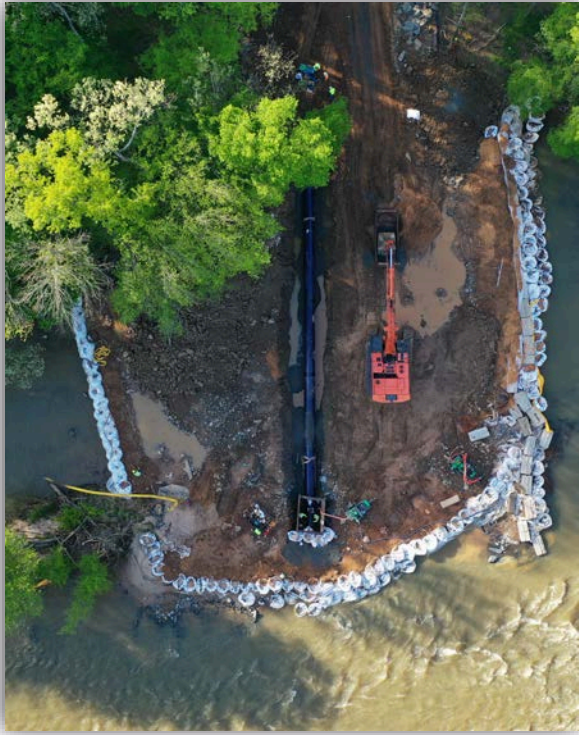
Funding Sources

Other	-
Pay Go Cash	\$1,743,197
Revenue Bonds	\$159,261,040
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	09/01/2018	07/31/2020	\$13,988,998
Construction	08/01/2020	11/30/2023	\$147,015,239

Estimated End Date
11/2023



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
\$121,721,040	\$84,886,193	\$33,982,908	\$2,851,939

Project Detail

Location	Monroe
Project Manager	John Shutak

Funding Sources

Other	-
Pay Go Cash	\$11,891,692
Revenue Bonds	\$109,829,348
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	09/01/2018	07/31/2020	\$13,989,234
Construction	09/01/2020	11/30/2023	\$107,731,806

Estimated End Date

11/2023

Program Summary For Solid Waste CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

SOLID WASTE CAPITAL PROJECT FUND

Fund 612

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
87000	Solid Waste CIP Projects	\$ 4,159,300	\$ 229,717	\$ 48,664	\$ 3,880,919
TOTAL TO DATE		\$ 4,159,300	\$ 229,717	\$ 48,664	\$ 3,880,919

Project Summary For Solid Waste CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

SOLID WASTE CAPITAL PROJECT FUND

Fund 612

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
87000	Austin Chaney Site Redesign	\$ 2,659,300	\$ 160,553	\$ 37,955	\$ 2,460,792
87001	C&D Cell Expansion	800,000	69,164	10,709	720,127
87002	Scalehouse Renovation and Expansion	350,000	-	-	350,000
87003	Landfill Access Road Widening	350,000	-	-	350,000
TOTAL TO DATE		\$ 4,159,300	\$ 229,717	\$ 48,664	\$ 3,880,919

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
\$2,659,300	\$160,553	\$37,955	\$2,460,792

Project Detail

Location	Austin Chaney Road
Project Manager	Jeff Caton

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	05/01/2024	\$2,500,000

Estimated End Date
04/01/2023

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	\$49,796	\$38,204	\$715,000



Project Detail

Location	Austin Chaney Road
Project Manager	Jeff Caton

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	-	\$700,000

Estimated End Date

06/30/2023

Program Summary For UCPS CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

UCPS CAPITAL PROJECT FUND

Fund 401

Program Name	Revised Budget	Expended to Date	Available Budget
2016 BOND PROJECTS	\$ 56,242,526	\$ 55,698,472	\$ 544,054
2018 PROJECTS	5,671,923	4,645,417	1,026,506
2019 PROJECTS	7,859,600	5,975,877	1,883,723
2020 PROJECTS	17,466,874	14,115,233	3,351,641
2021 PROJECTS	15,419,477	8,270,287	7,149,190
2022 GO BOND PROJECTS	4,900,000	3,301,820	1,598,180
2022 PROJECTS	16,017,138	2,930,539	13,086,599
2023 PROJECTS	15,912,036	420,618	15,491,418
LAPTOPS	14,015,715	11,226,366	2,789,349
SALES TAX REFUND	14,247	-	14,247
TOTAL TO DATE	\$ 153,519,536	\$ 106,584,628	\$ 46,934,908

Project Summary For UCPS CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
80000	UCPS Interfund Transfer Rec	\$ 14,247	\$ -	\$ 14,247
	<i>SALES TAX REFUND</i>	\$ 14,247	\$ -	\$ 14,247
82001	MONROE HS BOND PROJECT	\$ 4,345,385	\$ 4,338,883	\$ 6,502
82002	PIEDMONT HS BOND PROJECT	1,635,856	1,563,196	72,660
82005	SUN VALLEY HS BOND PROJECT	34,419,925	34,323,933	95,992
82006	TRANSPORTATION FACILITY	15,244,656	14,980,757	263,899
82007	WESTERN UNION ES BOND PRJ	596,704	491,704	105,001
	<i>2016 BOND PROJECTS</i>	\$ 56,242,526	\$ 55,698,472	\$ 544,054
82300	FY 2018 UCPS ADA	\$ 2,064,080	\$ 1,554,595	\$ 509,485
82301	FY 2018 UCPS BUILDING SYSTEMS	1,935,002	1,623,087	311,915
82304	FY 2018 UCPS ROOFING	822,841	659,269	163,572
82305	FY 2018 UCPS SAFETY and SEC	850,000	808,466	41,534
	<i>2018 PROJECTS</i>	\$ 5,671,923	\$ 4,645,417	\$ 1,026,506
82310	FY 19 UCPS ADA	\$ 289,800	\$ 140,517	\$ 149,283
82311	FY 19 UCPS Building Systems	5,144,000	4,490,319	653,681
82314	FY 19 UCPS Roofing	2,000,000	973,980	1,026,020
82315	FY 19 UCPS SAFETY AND SECURITY	425,800	371,062	54,738
	<i>2019 PROJECTS</i>	\$ 7,859,600	\$ 5,975,877	\$ 1,883,723

Project Summary For UCPS CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of September 30, 2022

UCPS CAPITAL PROJECT FUND

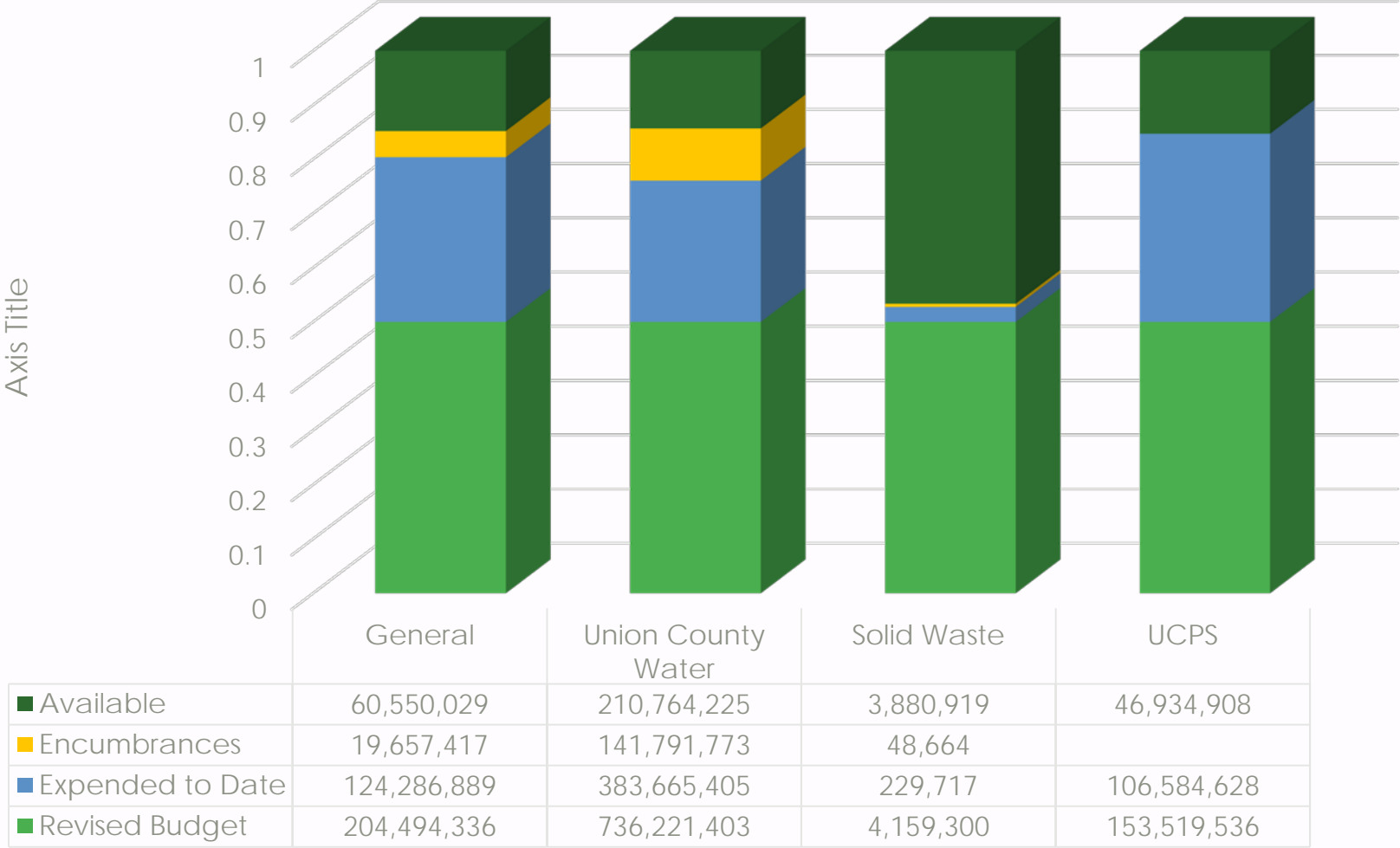
Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82319	FY 2020 UCPS ADA	\$ 515,550	\$ 338,056	\$ 177,494
82320	FY 2020 UCPS BUILDING SYSTEMS	4,689,000	3,095,220	1,593,780
82321	FY 2020 UCPS EXP/RENOVATIONS	7,346,324	6,421,221	925,103
82323	FY 2020 UCPS ROOFING	200,000	-	200,000
82324	FY 2020 UCPS SAFETY/SECURITY	1,233,000	1,067,152	165,848
82325	FY 2020 UCPS FF&E	1,285,000	1,283,100	1,900
82329	FY 2020 UCPS PAINTING	960,000	887,838	72,162
82330	FY 2020 True Up Funding (FY19)	1,238,000	1,022,646	215,354
	2020 PROJECTS	\$ 17,466,874	\$ 14,115,233	\$ 3,351,641
82331	FY 2021 UCPS ADA	\$ 505,763	\$ 73,039	\$ 432,724
82332	FY 2021 UCPS Building Systems	6,595,500	2,276,232	4,319,269
82333	FY 2021 UCPS Exp/Renovations	5,075,514	3,460,584	1,614,930
82334	FY 2021 UCPS Roofing	1,050,000	585,205	464,795
82335	FY 2021 UCPS Safety and Securi	858,000	825,266	32,734
82336	FY 2021 UCPS Classroom F&E	472,700	255,415	217,285
82338	FY 2021 UCPS Veh/Equip	862,000	794,547	67,453
	2021 PROJECTS	\$ 15,419,477	\$ 8,270,287	\$ 7,149,190

Project Summary For UCPS CIP Fund

<i>Project Number</i>	<i>Project Name</i>	<i>Revised Budget</i>	<i>Expended to Date</i>	<i>Available Budget</i>
82341	FY 2022 UCPS ADA	\$ 347,571	\$ -	\$ 347,571
82342	FY 2022 UCPS Building Systems	7,889,494	1,444,598	6,444,896
82343	FY 2022 UCPS Exp/Renovations	3,460,350	619,559	2,840,791
82344	FY 2022 UCPS Roofing	2,100,000	96,646	2,003,354
82345	FY 2022 UCPS Safety & Security	1,210,773	493,815	716,958
82346	FY 2022 UCPS Classroom F&E	458,850	25,273	433,577
82347	FY 2022 UCPS Veh/Equipment	500,100	201,553	298,547
82348	FY 2022 UCPS Band Equipment	50,000	49,095	905
	2022 PROJECTS	\$ 16,017,138	\$ 2,930,539	\$ 13,086,599
82349	FY 2023 UCPS Building Systems	\$ 8,639,286	\$ 17,679	\$ 8,621,607
82350	FY 2023 UCPS Exp/Renovations	3,957,850	3,080	3,954,770
82351	FY 2023 UCPS Band Equipment	50,000	-	50,000
82352	FY 2023 UCPS Classroom F&E	275,000	-	275,000
82353	FY 2023 UCPS Veh/Equipment	405,900	6,458	399,442
82354	FY 2023 UCPS Painting	714,000	393,400	320,600
82355	FY 2023 UCPS Roofing	1,870,000	-	1,870,000
	2023 PROJECTS	\$ 15,912,036	\$ 420,618	\$ 15,491,418
82340	Design Work for FH High & East	\$ 4,900,000	\$ 3,301,820	\$ 1,598,180
	2022 GO BOND PROJECTS	\$ 4,900,000	\$ 3,301,820	\$ 1,598,180
82316	UCPS 5YR Laptop Lease Pmt	\$ 14,015,715	\$ 11,226,366	\$ 2,789,349
	LAPTOPS	\$ 14,015,715	\$ 11,226,366	\$ 2,789,349
TOTAL TO DATE		\$ 153,519,536	\$ 106,584,628	\$ 46,934,908

CIP Budget



Questions?



UNIONCOUNTY
north carolina