

# Quarterly CIP Report

As of June 30, 2022 (un-audited)



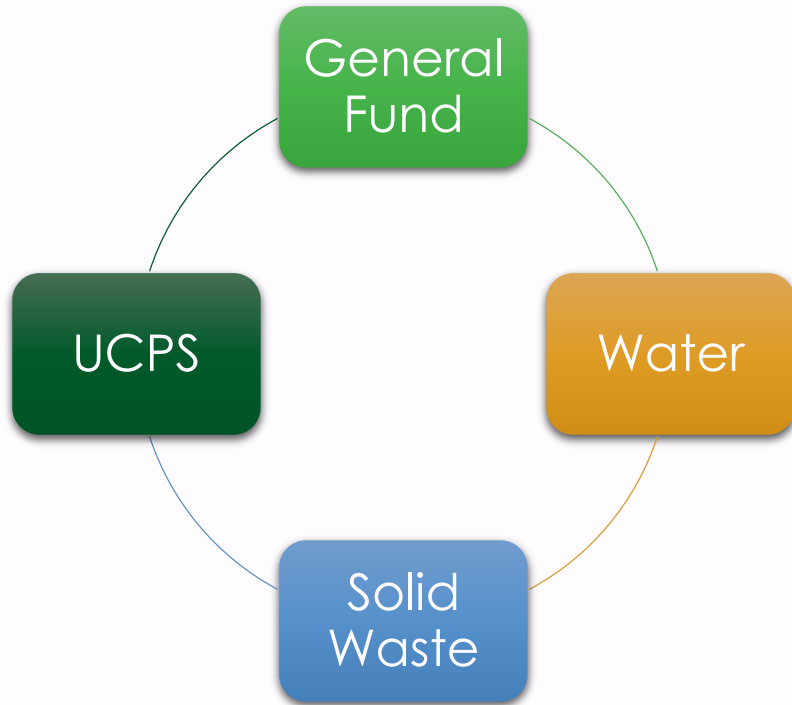
**UNIONCOUNTY**  
north carolina

# Table of Contents

- Changes in Budget Appropriation from Prior Quarter.....5
- Program Summary for General CIP Fund.....6
- Project Summary for General CIP Fund.....7
- Major General Fund Capital Improvement Projects.....10
- Program Summary for Public Works CIP Fund.....21
- Project Summary for Public Works CIP Fund .....22
- Major Water Fund Capital Improvement Projects.....26
- Program Summary for Solid Waste CIP Fund .....48
- Project Summary for Solid Waste CIP Fund.....49
- Major Solid Waste Fund Capital Improvement Projects.....50
- Program Summary for UCPS CIP Fund .....53
- Project Summary for UCPS CIP Fund .....54



# Changes in Budget Appropriation from Prior Quarter:



Changes in General Fund CIP include Southwest Library and ES Complex budgets. Southwest Library project received additional funding of \$2,817,825 that includes ARPA funds, State Grant Revenue, Go Bonds Proceeds; and ES Complex project funding increased with shifting available budget from completed projects and PSAP fund that is eligible for this project.

For Union County Water, 12 Mile Creek WWTP Expansion project has reached the Phase 2, as Phase 1 is completed. Phase 2 completion is expected to be in early 2025 with \$2,800,461 budgeted currently.

853 West Zone Transmission Main Phase 2 includes additional \$14,187 with funding source of Pay Go Cash.

Also, YRWSP Program Management includes additional funding of \$9,000 Pay Go Cash.

# Program Summary For General CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## 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	2,039,897	2,338,728	298,375
80002	Emergency Management	28,696,498	20,425,093	4,740,392	3,531,013
80003	Facilities Maintenance and Renovations	24,155,504	13,644,681	1,787,461	8,723,362
80004	Firearms Training Range	21,000	-	20,945	55
80005	Growth Management	500,000	200,000	-	300,000
80007	Human Services Campus	37,205,593	37,142,947	59,921	2,725
80008	IT Infrastructure & Enhancements	2,243,238	1,901,785	31,433	310,020
80009	Jail Maintenance, Replacement & Expansion	4,110,000	25,505	-	4,084,495
80010	Jesse Helms Park Development	500,000	-	-	500,000
80011	Law Enforcement Facility Expansion & Renovation	27,430,016	22,127,552	4,887,967	414,497
80012	Library Expansion and Development	12,917,825	868,416	365,072	11,684,337
80013	Park Development and Renewal	1,211,324	467,675	63,472	680,178
80014	SPCC CIP	46,075,227	24,753,558	-	21,321,669
80015	Tax Assessment Software	489,048	489,048	-	-
80016	Economic Development	21,212,405	21,115,315	1,500	95,590
80018	ARPA CIP	6,000,000	-	-	6,000,000
TOTAL TO DATE		\$ 220,987,799	\$ 147,924,212	\$ 14,317,272	\$ 58,746,315

# Project Summary For General CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## 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
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	1,839,995	141,997	8,510
80067	SPCC - Deferred Capital Maintenance	1,564,093	1,564,093	-	-
80069	County Facilities Repair	3,010,325	1,684,560	354,075	971,690
80072	Facilities AV Equipment	725,000	679,945	41,987	3,068
80076	SPCC Technology	2,043,315	2,043,315	-	-
80077	SPCC HVAC And Security	605,000	605,000	-	-
80078	SPCC Resurf Of Parking Lot	467,100	-	-	467,100
80079	SPCC Parking	345,000	-	-	345,000
80080	UCSO Renovations	27,430,016	22,127,552	4,887,967	414,497
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	548,311	-	10,191,689
80094	SPCC - Renovation - Building B	1,800,000	66,385	-	1,733,615
80095	SPCC - Classroom Bldg, West UC	6,200,000	24,900	-	6,175,100
80096	Southwest Union Library	12,917,825	868,416	365,072	11,684,337
80098	Planning NC DOT Projects	500,000	200,000	-	300,000
80099	EDC Industrial Park	21,212,405	21,115,315	1,500	95,590
80100	Cane Creek Camp Store	600,000	-	-	600,000
80103	Firearms Range Shoot House	21,000	-	20,945	55

# Project Summary For General CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80104	911 Center Renovations and Expansion	728,301	721,790	-	6,511
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	2,039,897	2,338,728	298,375
80109	Emergency Services Complex	16,415,120	12,920,485	3,279,979	214,656
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	275,070	209,399	22,043	43,628
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	25,436	-	1,674,564
80130	Library R&R FY 2020	75,000	38,584	36,416	-
80131	Operating Capital County 2020	1,350,000	644,491	42,862	662,648
80132	Operating Capital UCSO FY 2020	450,000	129,519	-	320,481
80134	Parks and Rec R&R FY 2020	336,254	258,275	41,429	36,550
80135	UCSO R&R FY 2020	879,000	299,437	342	579,221
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	52,070	62,500	925,430
80145	UC Jail Domestic Water Source	65,000	-	-	65,000
80146	Ag Center - Generator & Infrastructure	350,000	-	27,300	322,700

# Project Summary For General CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80147	Government Center - Replace Liebert Unit 3F	40,000	-	-	40,000
80156	Library Replace Metal Arc Pane	568,000	-	-	568,000
80157	Radio Replacements	970,878	970,878	-	-
80158	Pictometry Phase 2	489,048	489,048	-	-
80159	Progress Building	6,593,676	5,426,080	1,065,482	102,114
80160	Radio Shop Renovation	993,455	24,905	48,581	919,969
80161	SPCC Camera System	239,400	28,015	-	211,385
80162	SPCC Access Controls	2,197,780	-	-	2,197,780
80163	Radio Backhaul	559,000	-	553,935	5,065
80164	VFD Air Packs	1,280,000	-	-	1,280,000
80165	Radio Replacements	3,546,635	3,486,758	-	59,877
80166	Event Center JHP Support Build	800,000	-	-	800,000
80167	JHP Amenities Improvements	500,000	-	-	500,000
80168	UPS Infrastructure Upgrades	75,000	-	-	75,000
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	-	14,500	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
<b>TOTAL TO DATE</b>		<b>\$ 220,987,799</b>	<b>\$ 147,924,212</b>	<b>\$ 14,317,272</b>	<b>\$ 58,746,315</b>

# 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	\$2,039,897	\$2,338,728	\$298,375



Phase 3 Canopy - structural steel set in place

## 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	-	-	\$600,000



## 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)

Land / Predesign

Design

Construction



## 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	\$12,920,485	\$3,279,979	\$214,656



## 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

06/18/2022

# 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	\$25,436	-	\$1,674,564

### 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	\$5,426,080	\$1,065,482	\$102,114



## 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	\$24,905	\$48,581	\$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
\$12,917,825	\$868,416	\$365,072	\$11,684,337



## 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	\$300,000

## 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	\$22,127,552	\$4,887,967	\$414,497

## 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

06/10/2022

# Program Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85000	762 Zone Improvements	\$ 5,482,993	\$ 3,289,431	\$ 1,001,100	\$ 1,192,462
85002	853 West Zone Improvements	26,655,296	10,078,812	15,423,932	1,152,552
85003	Crooked Creek Basin Improvements	15,870,265	10,794,004	265,201	4,811,060
85004	CRWTP Improvements	45,273,154	44,664,306	180,564	428,284
85007	New 880 Pressure Zone	1,801,163	1,531,828	1,228	268,108
85008	Short Water Line Extensions	10,226,493	3,739,398	337,098	6,149,997
85009	Town Center Sewer Development	388,200	64,200	324,000	-
85010	Twelve Mile Ck WWTP System Improvement	71,934,616	56,967,075	13,477,542	1,489,998
85011	UCPW Buildings and Improvement	9,625,000	236,024	1,536,399	7,852,577
85012	Lower Crooked Creek WRF	20,100,000	5,668,811	11,870,930	2,560,259
85013	Yadkin River Water Supply	308,785,590	187,371,201	115,765,940	5,648,449
86000	Wastewater Pump Station Improvements	4,531,036	1,732,494	196,342	2,602,201
86001	Wastewater Rehab and Replacements	16,097,198	4,587,825	1,321,940	10,187,434
86002	Water & Wastewater Master Plan	1,360,834	710,833	650,001	-
86003	Water Rehab and Replacement	28,717,122	7,997,505	13,906,957	6,812,660
86004	Water Tank Rehabilitation	1,795,279	1,272,813	398,061	124,404
86005	Waste Water Treatment Plant R&R	11,100,000	7,014,261	3,446,128	639,610
86007	EDC Industrial Park W&WW	3,000,000	413,532	29,300	2,557,169
86999	Closed W and WW CIP(History)	1,242	-	-	1,242
TOTAL TO DATE		\$ 582,745,481	\$ 348,134,353	\$ 180,132,663	\$ 54,478,466

# Project Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## 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	58,498	-	-	58,498
84024	SCADA Master Plan - Water	7,600,000	2,131,284	215,378	5,253,338
84076	WAXHAW INDIAN TRL INTERCONNECT	1,242	-	-	1,242
84080	Marshville Water Tank Rehab	1,023,965	528,044	397,320	98,601
84084	762 Zone Elevated Tank	4,513,942	3,215,631	105,849	1,192,462
84086	853 West Transmission Main Improvements	24,472,974	9,391,678	14,829,583	251,713
84089	YRWSP Distribution System Improvements	2,500,000	1,046,903	1,302,134	150,963
84090	SDF CRF Yadkin Raw Water	161,004,237	99,001,873	59,862,264	2,140,100
84091	YRWSP WTP & Finished Water Infrastructure	121,721,040	70,407,872	48,317,680	2,995,488
84098	Galvanized Replacements FY18 - FY2033	895,549	194,872	51,052	649,625
84106	853 West Zone Transmission Main Phase 2	514,187	101,965	34,363	377,859
84107	Billy Howey Waterline Extension	368,135	368,135	-	-
84108	Advanced Metering Infrastructure	16,600,000	3,022,304	13,577,696	-
84111	Yadkin Basin WL Ext Assessment	38,609	38,609	-	-
84112	Yadkin Stanly Settlement	1,038,440	1,007,243	31,197	-
84114	Yadkin Montgomery Settlement	784,943	736,142	48,801	-
84116	Stallings Road Waterline	341,558	341,558	-	-
84117	CRWTP Fencing	429,721	412,468	5,658	11,594
84118	CDBG Hwy 218 Water Main Extension	572,619	572,619	-	-
84119	Worwood Acres Waterline Replacement	1,083,931	865,859	7,620	210,452
84120	Shortline Water Extensions FY 2020	10,226,493	3,739,398	337,098	6,149,997

# Project Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84121	880 Pressure Zone Charlotte Water Interconnect	1,801,163	1,531,828	1,228	268,108
84123	Galvanized Line Replacement FY 20	917,916	740,908	15,744	161,264
84124	Northwest Tank Refurbishment	771,314	744,769	741	25,803
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	11,079,887	5,965,050	483
84508	Chestnut Lane Connector Water	440,000	8,300	-	431,700
84510	Stack Road Water Line	158,442	80,502	39,468	38,472
84512	SCADA	214,852	74,272	42,536	98,044
84515	Presson Road Waterline	10,000	689	-	9,311
84516	Catawba River Water Pump Upgrade	30,000	15,445	13,350	1,205
85006	Wastewater R&R Program	3,934,146	80,376	55,692	3,798,079
85009	SCADA Master Plan - Wastewater	7,600,000	2,131,293	215,378	5,253,330
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	6,495,283	-	-
85045	Collection System SSES & Rehab	411,356	375,598	23,321	12,437
85047	West Fork 12 Mile Interceptor Improvements	14,459,295	5,474,145	8,453,818	531,332
85050	Poplin Road Pump Station Interim Improvements	18,100,000	5,396,889	11,843,477	859,634
85051	Suburban Estates PS & Force Main	1,071,000	158,164	13,921	898,915

# Project Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85055	WWTP R&R	650,181	179,310	-	470,871
85056	Waxhaw Interceptor	6,300,000	3,040,529	3,152,884	106,587
85057	Crooked Creek Interceptor Improvements Phase 2	1,257,991	767,268	176,125	314,598
85059	Unionville Pump Station Replacement	515,740	515,740	-	-
85061	12 Mile Creek I&I Abatement	400,000	358,902	32,745	8,353
85063	WRF Process Evaluation	541,380	463,624	68,546	9,210
85064	Septic Tank Assessment	2,004,302	1,032,763	817,060	154,478
85065	EDC Industrial Park Pump Station	3,000,000	413,532	29,300	2,557,169
85067	East Side Clay Lining WW R&R	221,056	221,056	-	-
85068	Waxhaw Clay Lining WW R&R	310,000	104,489	1,867	203,644
85069	Fairfield Plantation R&R	217,694	217,694	-	-
85070	Deese PS Decommission	662,576	618,762	39,615	4,200
85072	CCWRF Electrical Improvements	3,902,439	1,169,108	2,720,929	12,403
85073	CCWRF Process Improvements	4,390,000	3,644,406	617,803	127,791
85074	Olde Sycamore WRF Process Improvements	1,616,000	1,557,814	38,851	19,336
85076	WW Pump Station Improvements	1,727,314	-	-	1,727,314
85077	2020 MP WW Flow Monitoring	214,050	198,750	15,300	-
85079	FY22 Union County Pump Station	1,000,000	23,644	118,106	858,250
85515	SDF CRF CC Headworks Imprv	9,171,425	9,171,425	-	-
85517	SDF CRF 12M CK WWTP Exp	41,379,577	41,028,685	144,485	206,408
85520	Lower Crooked Creek WRF	1,874,245	203,396	224	1,670,625
85521	Tarkhill Force Main R&R	1,690,000	695,305	231,942	762,753

# Project Summary For Public Works CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 30, 2022

## PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85522	STEG Assessment Waxhaw	120,000	104,850	-	15,150
85526	853 West Zone Transmission Main Phase 3	1,300,000	217,034	559,986	522,980
85530	Crooked Creek Site B	125,755	68,526	27,229	30,000
85531	CRF 12 Mile Creek Exp 7.5 - 9	2,800,461	553,347	1,645,295	601,819
85533	Indian Trail Park/Grover Place	191,656	154,998	23,175	13,484
85534	6 Mile Service Area Assessment	100,000	16,184	48,316	35,500
86007	Master Plan Update(old)	1,360,834	710,833	650,001	-
86019	Op Center Expansion and Renovations	3,700,000	34,413	8,647	3,656,940
86020	Op Center Storage	2,900,000	-	-	2,900,000
86021	CC WRF Administration Building	1,325,000	97,284	30,776	1,196,940
86022	12 Mile WRF Administration Building	1,700,000	104,327	1,496,976	98,698
TOTAL TO DATE		\$ 582,745,481	\$ 348,134,353	\$ 180,132,663	\$ 54,478,466

# 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

880 Pressure Zone Charlotte Water Interconnect

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

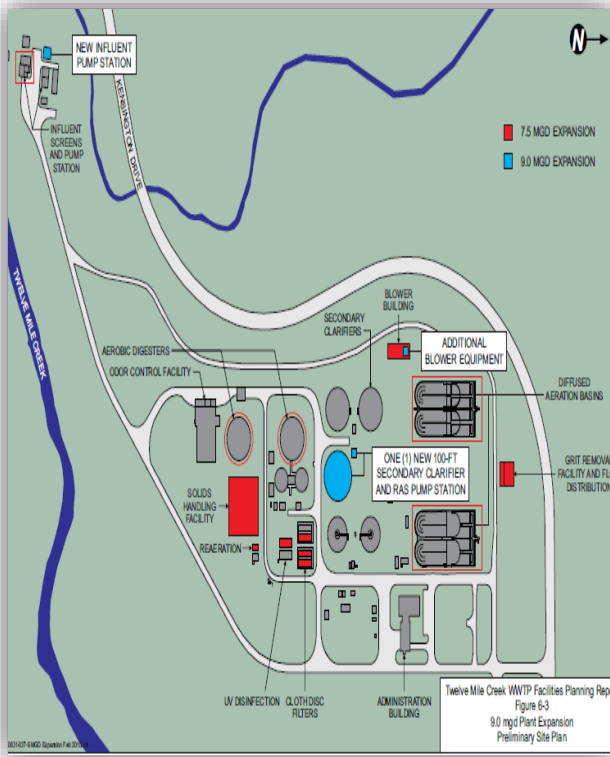
Construction

## Scope

Project provides for 1.5 MGD capacity expansion from 6 MGD to 9.0 MGD (Phase 1) 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 6.0 to 9.0 MGD.

## Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$2,800,461	\$553,347	\$1,645,295	\$601,819



## Project Detail

Location	Waxhaw
Project Manager	Grant Moore

## Funding Sources

Other	-
Pay Go Cash	\$284,102
Revenue Bonds	\$317,717
System Development Fees	\$2,198,642

## 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	-

Estimated End Date

02/2025

# 853 West Transmission Main Improvements (84086)

Land / Predesign

Design

Construction

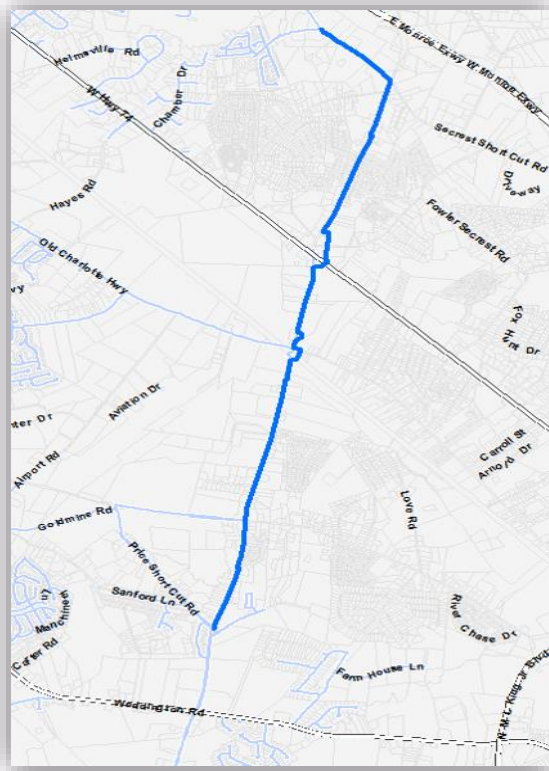


## Scope

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	\$9,391,678	\$14,829,583	\$251,713



## 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
\$514,187	\$101,965	\$34,363	\$377,859

## Project Detail

Location	Indian Trail
Project Manager	Scott Huneycutt

## Funding Sources

Other	-
Pay Go Cash	\$14,187
Revenue Bonds	\$500,000
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	-

Estimated End Date

12/2023

# 853 West Zone Transmission Main Phase 3 (85526)

Land / Predesign

Design

Construction

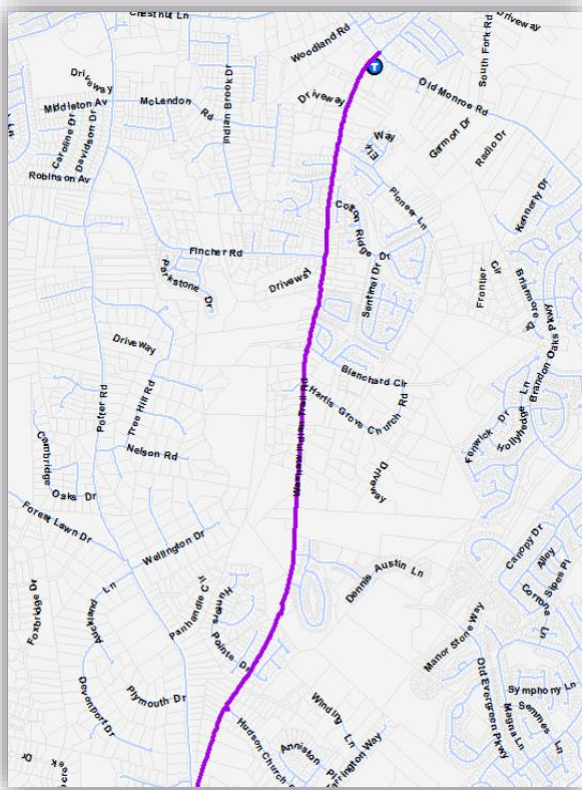


## Scope

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
\$1,300,000	\$217,034	\$559,986	\$522,980



## Project Detail

Location	Indian Trail
Project Manager	Scott Huneycutt

## Funding Sources

Other	-
Pay Go Cash	\$1,300,000
Revenue Bonds	-
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	-

Estimated End Date  
06/2024

# 880 Pressure Zone Charlotte Water Interconnect (84121)

Land / Predesign

Design

Construction

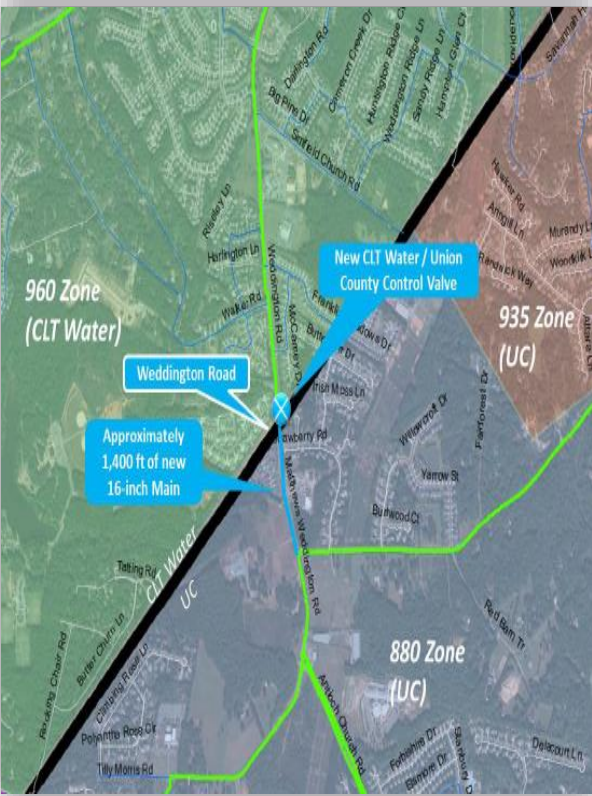


## Scope

Project provides for an interconnect with Charlotte Water to serve the 880 Pressure Zone to improve system reliability and redundancy. Project includes the installation of approximately 1,400 feet of 16-inch piping along Matthews-Weddington Road, control valving at Providence Road and Matthews-Weddington Road, and associated telemetry control modifications. Development of a viable interconnect with Charlotte Water to supply the 880 Pressure Zone as recommended by the water quality assistance technical memorandum by Black & Veatch dated September 2018.

## Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$1,801,163	\$1,531,828	\$1,228	\$268,107



## Project Detail

Location	Stallings
Project Manager	Michael Caldwell

## Funding Sources

Other	-
Pay Go Cash	\$1,801,163
Revenue Bonds	-
System Development Fees	-

## Activity

Activity	Start	End	Cost
Land / Predesign	08/01/2019	09/01/2019	-
Design	09/01/2019	04/30/2021	\$100,000
Construction	11/01/2021	08/31/2022	\$1,701,163

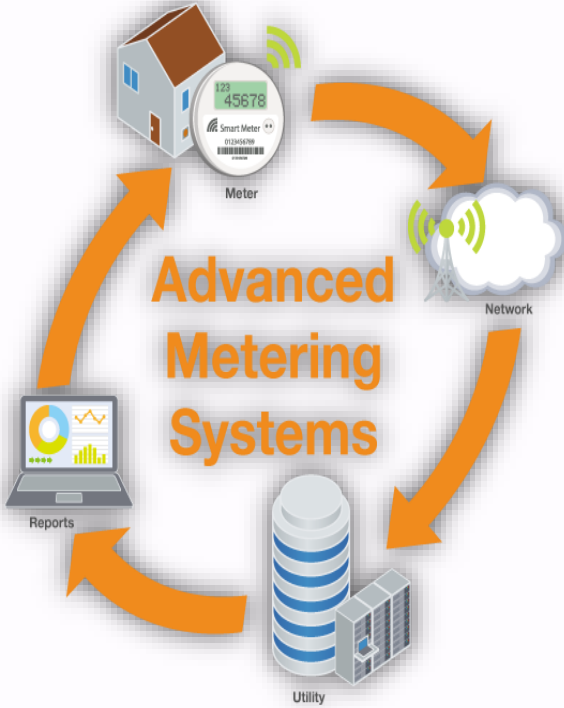
Estimated End Date  
08/2022

# Advanced Metering Infrastructure (AMI) (84108)

Land / Predesign

Design

Construction



## 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
\$16,600,000	\$3,022,304	\$13,577,696	-

## Project Detail

Location	-
Project Manager	Luke Fawcett

## Funding Sources

Other	-
Pay Go Cash	\$4,100,000
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	\$14,300,000

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
\$1,257,991	\$767,268	\$176,125	\$314,598



### Project Detail

Location	Indian Trail
Project Manager	Fred Braun

### Funding Sources

Other	-
Pay Go Cash	\$657,991
Revenue Bonds	\$600,000
System Development Fees	-

### Activity

Activity	Start	End	Cost
Land / Predesign	09/01/2021	08/31/2022	-
Design	10/01/2020	08/31/2022	\$857,607
Construction	10/01/2022	04/30/2024	\$400,000

Estimated End Date  
04/2024

# 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
\$125,755	\$68,526	\$27,229	\$30,000

## Project Detail

Location	Indian Trail
Project Manager	Thomas Mann

## Funding Sources

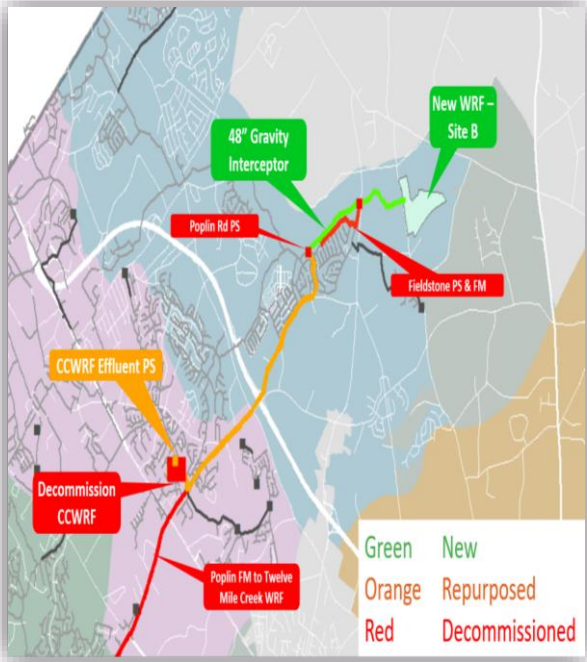
Other	-
Pay Go Cash	-
Revenue Bonds	\$125,755
System Development Fees	-

## 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	-

Estimated End Date

03/2030





# EDC Industrial Park Pump Station (85065)

Land / Predesign

Design

Construction

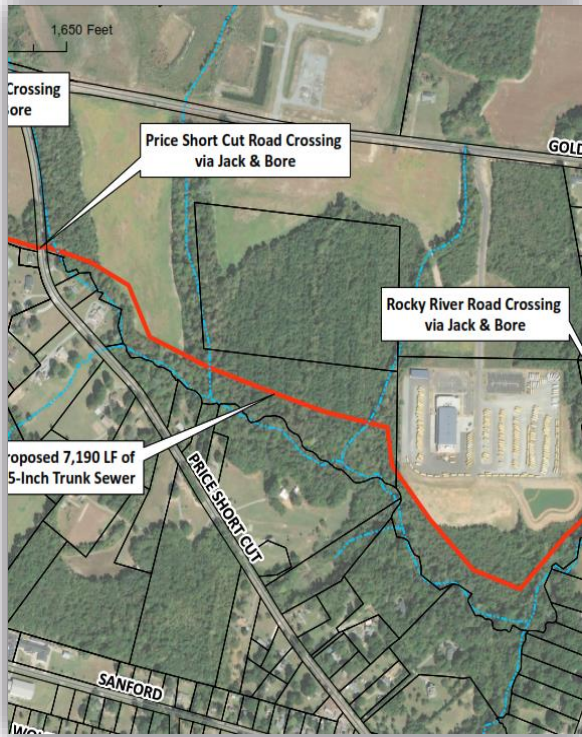


## Scope

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	\$413,532	\$29,300	\$2,557,168



## 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	10/31/2022	-
Construction	12/01/2022	12/31/2024	\$3,000,000

Estimated End Date

12/2024

# Poplin Road Pump Station Interim Improvements (85050)

Land / Predesign

Design

Construction

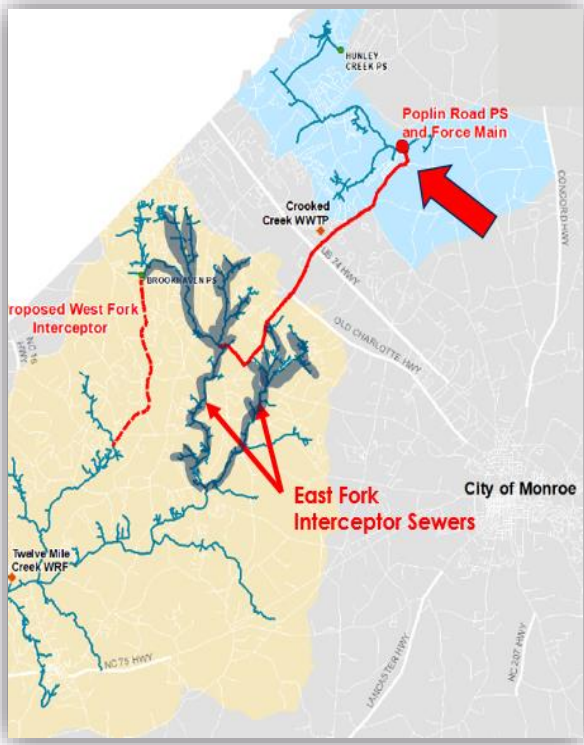


## Scope

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	\$5,396,889	\$11,843,477	\$859,634



## Project Detail

<b>Location</b>	Indian Trail
<b>Project Manager</b>	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

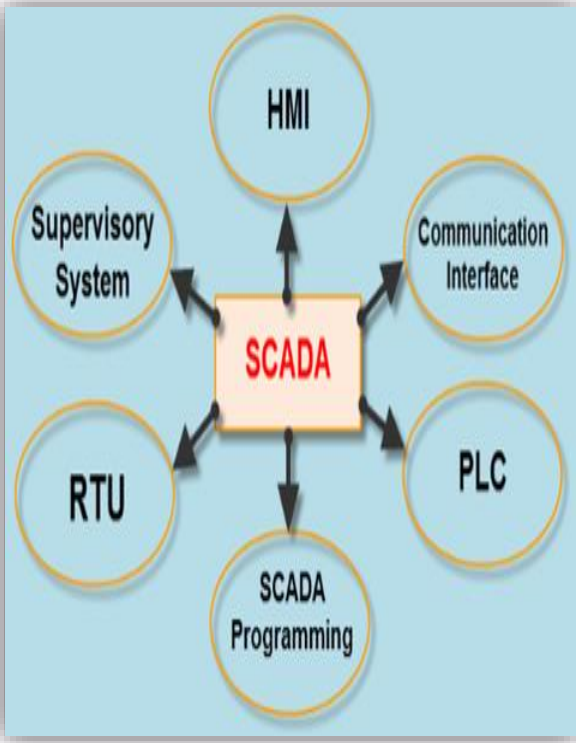
08/2023

# 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
\$7,600,000	\$2,131,284	\$215,378	\$5,253,338

## Project Detail

Location	-
Project Manager	John Shutak

## Funding Sources

Other	-
Pay Go Cash	-
Revenue Bonds	\$7,600,000
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	\$6,300,000

Estimated End Date

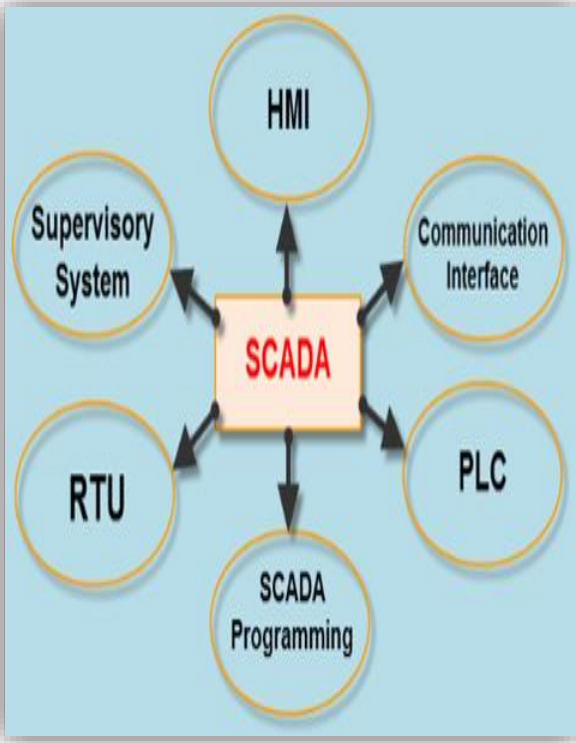
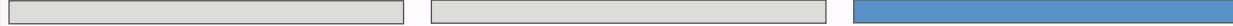
07/2024

# SCADA Masterplan - Wastewater (85009)

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
\$7,600,000	\$2,131,293	\$215,378	\$5,253,329

## Project Detail

Location	-
Project Manager	John Shutak

## Funding Sources

Other	-
Pay Go Cash	-
Revenue Bonds	\$7,600,000
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	\$6,300,000

Estimated End Date

07/2024

# Short Line Extensions FY 2021 (84120)

Land / Predesign

Design

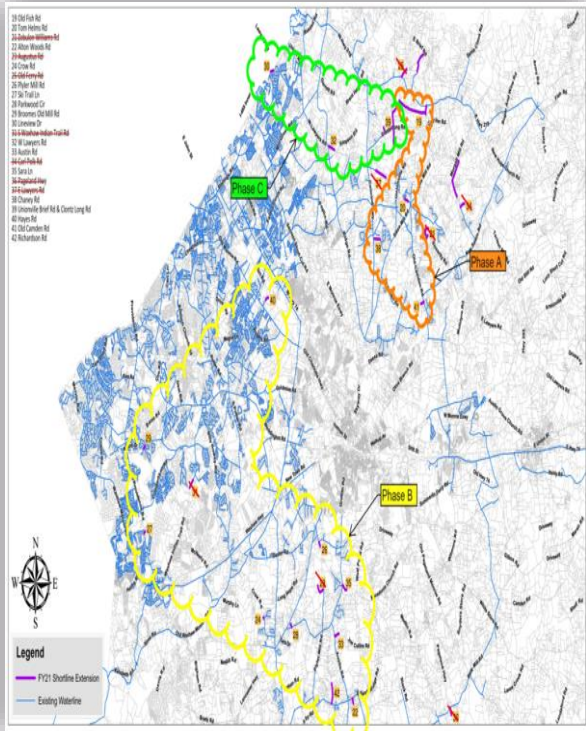
Construction

## 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	\$3,739,398	\$337,098	\$6,149,997



## Project Detail

<b>Location</b>	Indian Trail, Monroe, Waxhaw
<b>Project Manager</b>	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	08/01/2022	12/31/2023	\$9,526,493

Estimated End Date

12/2023

# STEG Assessment Waxhaw (85522)

Land / Predesign

Design

Construction

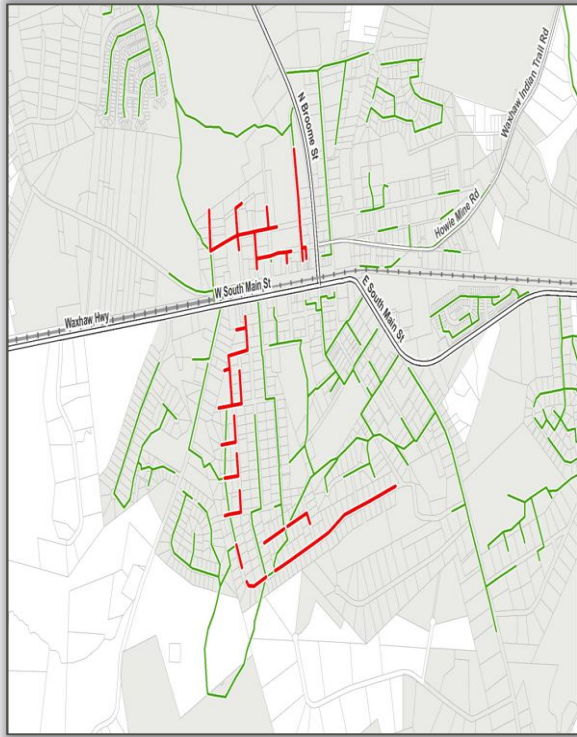


## Scope

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
\$120,000	\$104,850	-	\$15,150



## Project Detail

Location	Waxhaw
Project Manager	Fred Braun

## Funding Sources

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

## Activity

Activity	Start	End	Cost
Land / Predesign	04/01/2021	10/31/2021	-
Design	07/01/2022	12/31/2023	\$120,000
Construction	02/01/2023	08/31/2024	-

Estimated End Date

06/2024

# Septic Tank Assessment (85064)

Land / Predesign

Design

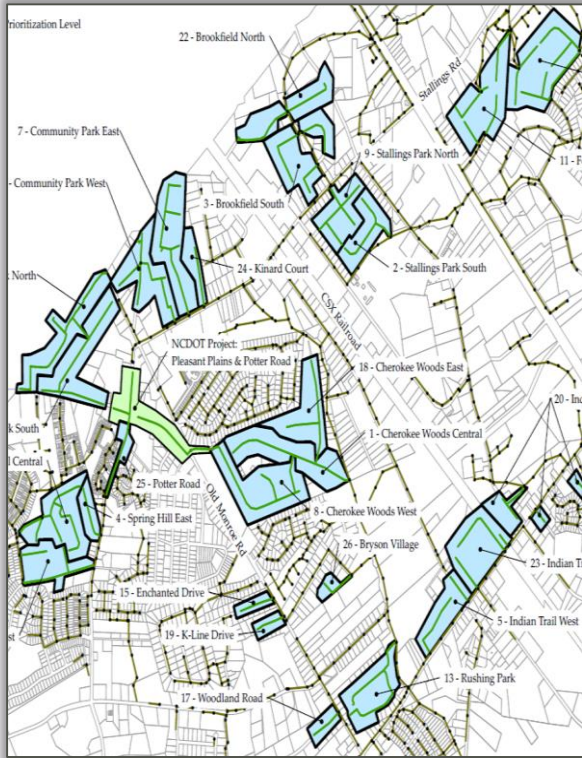
Construction

## 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
\$2,004,302	\$1,032,763	\$817,060	\$154,479



## Project Detail

<b>Location</b>	Indian Trail, Stallings
<b>Project Manager</b>	Fred Braun

## Funding Sources

Other	-
Pay Go Cash	\$2,004,302
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	\$1,867,302

Estimated End Date

06/2029

# Waxhaw Interceptor (85056)

Land / Predesign

Design

Construction

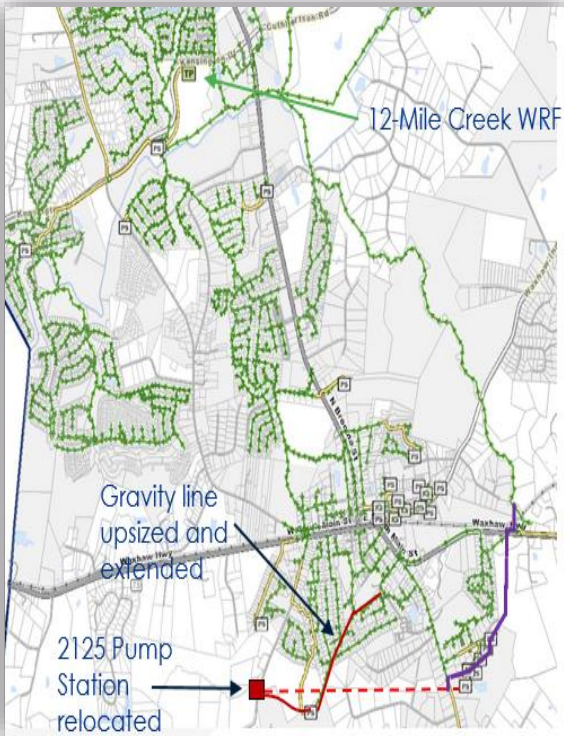


## Scope

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
\$6,300,000	\$3,040,529	\$3,152,884	\$106,587



## 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	12/31/2022	\$5,800,000

Estimated End Date

12/2022



# West Fork 12 Mile Interceptor Improvements (85047)

Land / Predesign

Design

Construction

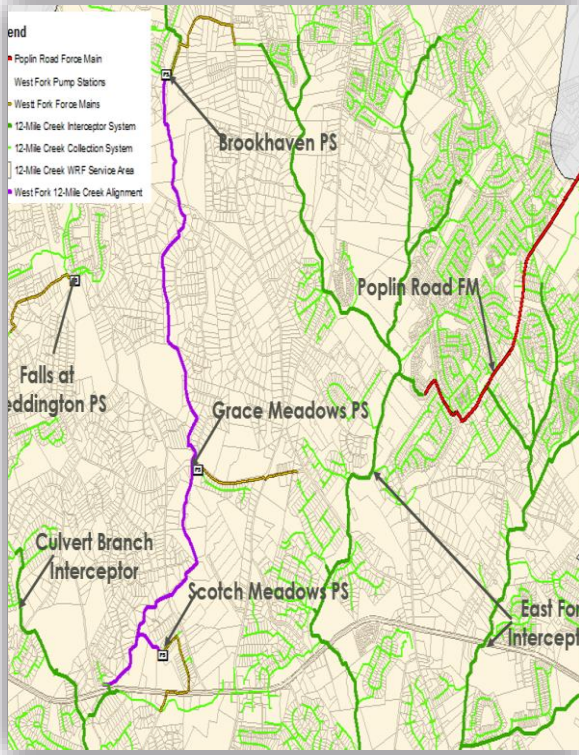


## Scope

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	\$5,474,145	\$8,453,818	\$531,332



## Project Detail

<b>Location</b>	Indian Trail, Weddington
<b>Project Manager</b>	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

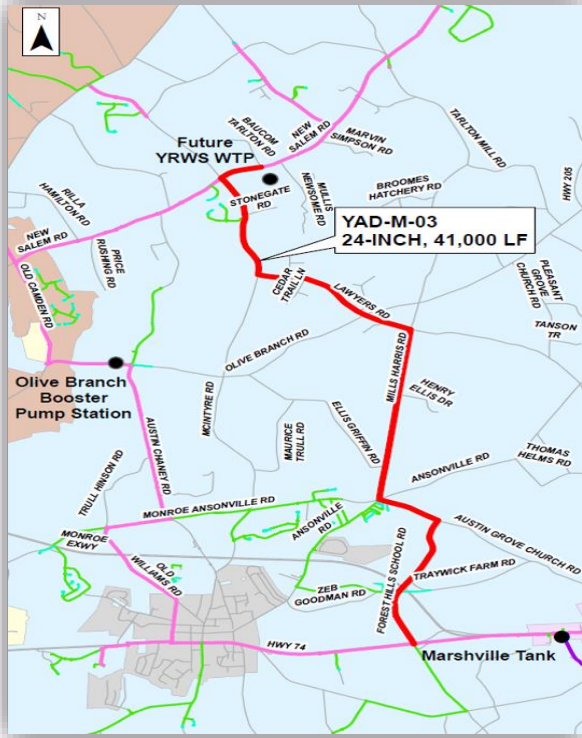


## Scope

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
\$2,500,000	\$1,046,903	\$1,302,134	\$150,963



### Project Detail

Location	Monroe
Project Manager	Thomas Mann

### Funding Sources

Other	-
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	\$2,500,000
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	\$11,079,887	\$5,965,050	\$483



## Project Detail

Location	-
Project Manager	John Shutak

## Funding Sources

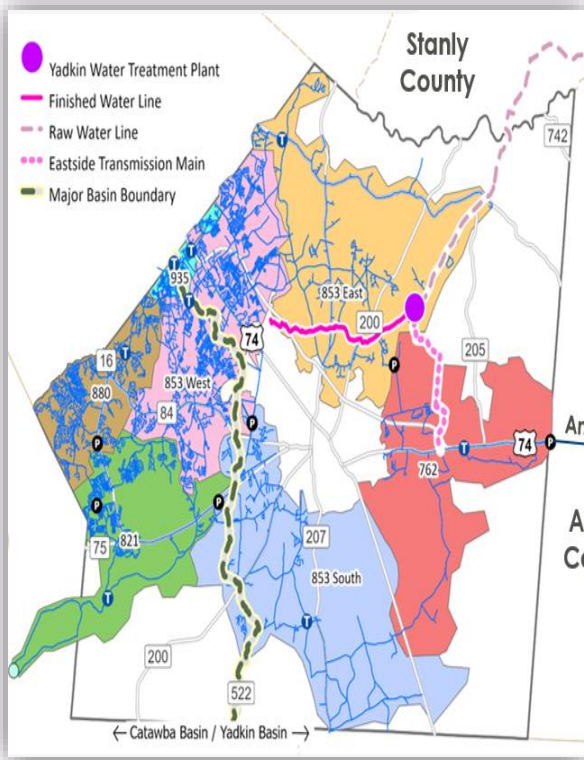
Other	-
Pay Go Cash	\$12,945,420
Revenue Bonds	\$4,100,000
System Development Fees	-

## 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	\$99,001,873	\$59,862,264	\$2,140,100

### 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	\$70,407,872	\$48,317,680	\$2,995,488

### 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 June 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	\$ 3,459,300	\$ 207,349	\$ 76,159	\$ 3,175,792		
	TOTAL TO DATE	\$ 3,459,300	\$ 207,349	\$ 76,159	\$ 3,175,792		

# Project Summary For Solid Waste CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 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	46,796	38,204	715,000
TOTAL TO DATE		\$ 3,459,300	\$ 207,349	\$ 76,159	\$ 3,175,792

# 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

<b>Location</b>	Austin Chaney Road
<b>Project Manager</b>	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 June 30, 2022	
UCPS CAPITAL PROJECT FUND				Fund 401	
Program Name	Revised Budget	Expended to Date	Available Budget		
2016 BOND PROJECTS	\$ 56,242,526	\$ 55,005,614	\$ 1,236,912		
2018 PROJECTS	11,425,090	10,187,578	1,237,512		
2019 PROJECTS	8,927,309	6,982,653	1,944,656		
2020 PROJECTS	17,466,874	13,378,196	4,088,678		
2021 PROJECTS	15,419,477	5,804,796	9,614,681		
2022 GO BOND PROJECTS	4,900,000	1,723,305	3,176,695		
2022 PROJECTS	16,017,138	1,127,165	14,889,973		
LAPTOPS	10,805,440	10,541,942	263,498		
SALES TAX REFUND	14,247	-	14,247		
<b>TOTAL TO DATE</b>	<b>\$ 141,218,101</b>	<b>\$ 104,751,250</b>	<b>\$ 36,466,851</b>		

# Project Summary For UCPS CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 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
	SALES TAX REFUND	\$ 14,247	\$ -	\$ 14,247
82001	MONROE HS BOND PROJECT	\$ 4,345,385	\$ 4,290,731	\$ 54,654
82002	PIEDMONT HS BOND PROJECT	1,635,856	1,548,956	86,900
82005	SUN VALLEY HS BOND PROJECT	34,419,925	34,107,782	312,143
82006	TRANSPORTATION FACILITY	15,244,656	14,566,441	678,215
82007	WESTERN UNION ES BOND PRJ	596,704	491,704	105,001
	<b>2016 BOND PROJECTS</b>	<b>\$ 56,242,526</b>	<b>\$ 55,005,614</b>	<b>\$ 1,236,912</b>
82300	FY 2018 UCPS ADA	\$ 2,064,080	\$ 1,522,651	\$ 541,429
82301	FY 2018 UCPS BUILDING SYSTEMS	1,935,002	1,555,124	379,878
82302	FY 2018 UCPS EXP AND REN	5,753,167	5,642,068	111,099
82304	FY 2018 UCPS ROOFING	822,841	659,269	163,572
82305	FY 2018 UCPS SAFETY and SEC	850,000	808,466	41,534
	<b>2018 PROJECTS</b>	<b>\$ 11,425,090</b>	<b>\$ 10,187,578</b>	<b>\$ 1,237,512</b>
82310	FY 19 UCPS ADA	\$ 289,800	\$ 140,517	\$ 149,283
82311	FY 19 UCPS Building Systems	5,144,000	4,487,645	656,355
82312	FY 19 UCPS Expansion/Renovatio	1,067,709	1,037,450	30,259
82314	FY 19 UCPS Roofing	2,000,000	945,980	1,054,020
82315	FY 19 UCPS SAFETY AND SECURITY	425,800	371,062	54,738
	<b>2019 PROJECTS</b>	<b>\$ 8,927,309</b>	<b>\$ 6,982,653</b>	<b>\$ 1,944,656</b>

# Project Summary For UCPS CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of June 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	\$ 295,561	\$ 219,989
82320	FY 2020 UCPS BUILDING SYSTEMS	4,689,000	2,784,666	1,904,334
82321	FY 2020 UCPS EXP/RENOVATIONS	7,346,324	6,079,862	1,266,462
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	1,267,321	17,679
82329	FY 2020 UCPS PAINTING	960,000	866,688	93,312
82330	FY 2020 True Up Funding (FY19)	1,238,000	1,016,946	221,054
	<b>2020 PROJECTS</b>	<b>\$ 17,466,874</b>	<b>\$ 13,378,196</b>	<b>\$ 4,088,678</b>
82331	FY 2021 UCPS ADA	\$ 505,763	\$ 65,150	\$ 440,613
82332	FY 2021 UCPS Building Systems	6,595,500	1,924,782	4,670,718
82333	FY 2021 UCPS Exp/Renovations	5,075,514	2,015,392	3,060,122
82334	FY 2021 UCPS Roofing	1,050,000	2,000	1,048,000
82335	FY 2021 UCPS Safety and Securi	858,000	821,869	36,131
82336	FY 2021 UCPS Classroom F&E	472,700	181,056	291,644
82338	FY 2021 UCPS Veh/Equip	862,000	794,547	67,453
	<b>2021 PROJECTS</b>	<b>\$ 15,419,477</b>	<b>\$ 5,804,796</b>	<b>\$ 9,614,681</b>

# Project Summary For UCPS CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

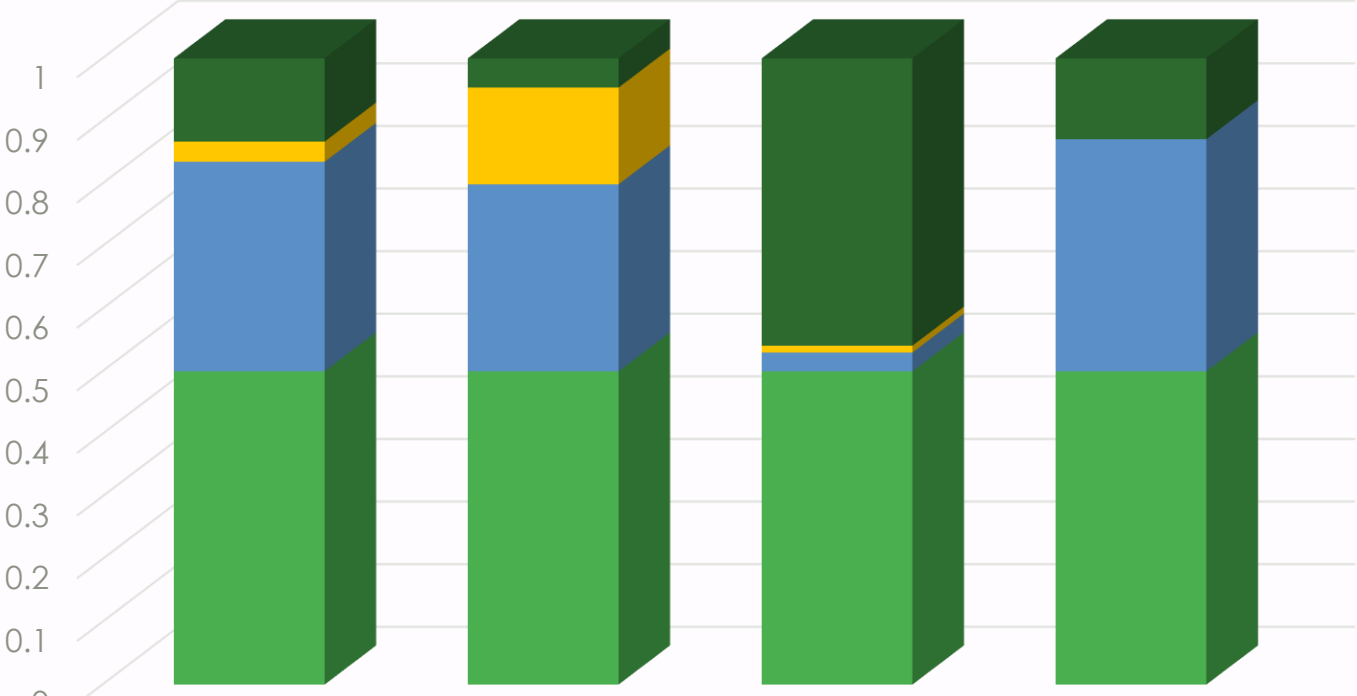
As of June 30, 2022

## UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82341	FY 2022 UCPS ADA	\$ 347,571	\$ -	\$ 347,571
82342	FY 2022 UCPS Building Systems	7,889,494	346,869	7,542,625
82343	FY 2022 UCPS Exp/Renovations	3,460,350	164,071	3,296,279
82344	FY 2022 UCPS Roofing	2,100,000	13,264	2,086,736
82345	FY 2022 UCPS Safety & Security	1,210,773	368,642	842,131
82346	FY 2022 UCPS Classroom F&E	458,850	11,771	447,079
82347	FY 2022 UCPS Veh/Equipment	500,100	173,452	326,648
82348	FY 2022 UCPS Band Equipment	50,000	49,095	905
	<b>2022 PROJECTS</b>	<b>\$ 16,017,138</b>	<b>\$ 1,127,165</b>	<b>\$ 14,889,973</b>
82340	Design Work for FH High & East	\$ 4,900,000	\$ 1,723,305	\$ 3,176,695
	<b>2022 GO BOND PROJECTS</b>	<b>\$ 4,900,000</b>	<b>\$ 1,723,305</b>	<b>\$ 3,176,695</b>
82316	UCPS 5YR Laptop Lease Pmt	\$ 10,805,440	\$ 10,541,942	\$ 263,498
	<b>LAPTOPS</b>	<b>\$ 10,805,440</b>	<b>\$ 10,541,942</b>	<b>\$ 263,498</b>
<b>TOTAL TO DATE</b>		<b>\$ 141,218,101</b>	<b>\$ 104,751,250</b>	<b>\$ 36,466,851</b>

# CIP Budget



	General	Union County Water	Solid Waste	UCPS
Available	58,746,315	54,478,466	3,175,792	36,466,851
Encumbrances	14,317,272	180,132,663	76,159	
Expended to Date	147,924,212	348,134,353	207,349	104,751,250
Revised Budget	220,987,799	582,745,481	3,459,300	141,218,101



Questions?



**UNIONCOUNTY**  
north carolina