

Quarterly CIP Report

As of March 31, 2022



UNIONCOUNTY
north carolina



Table of Contents

Program Summary by Fund for General Fund

Major General Fund CIP Projects

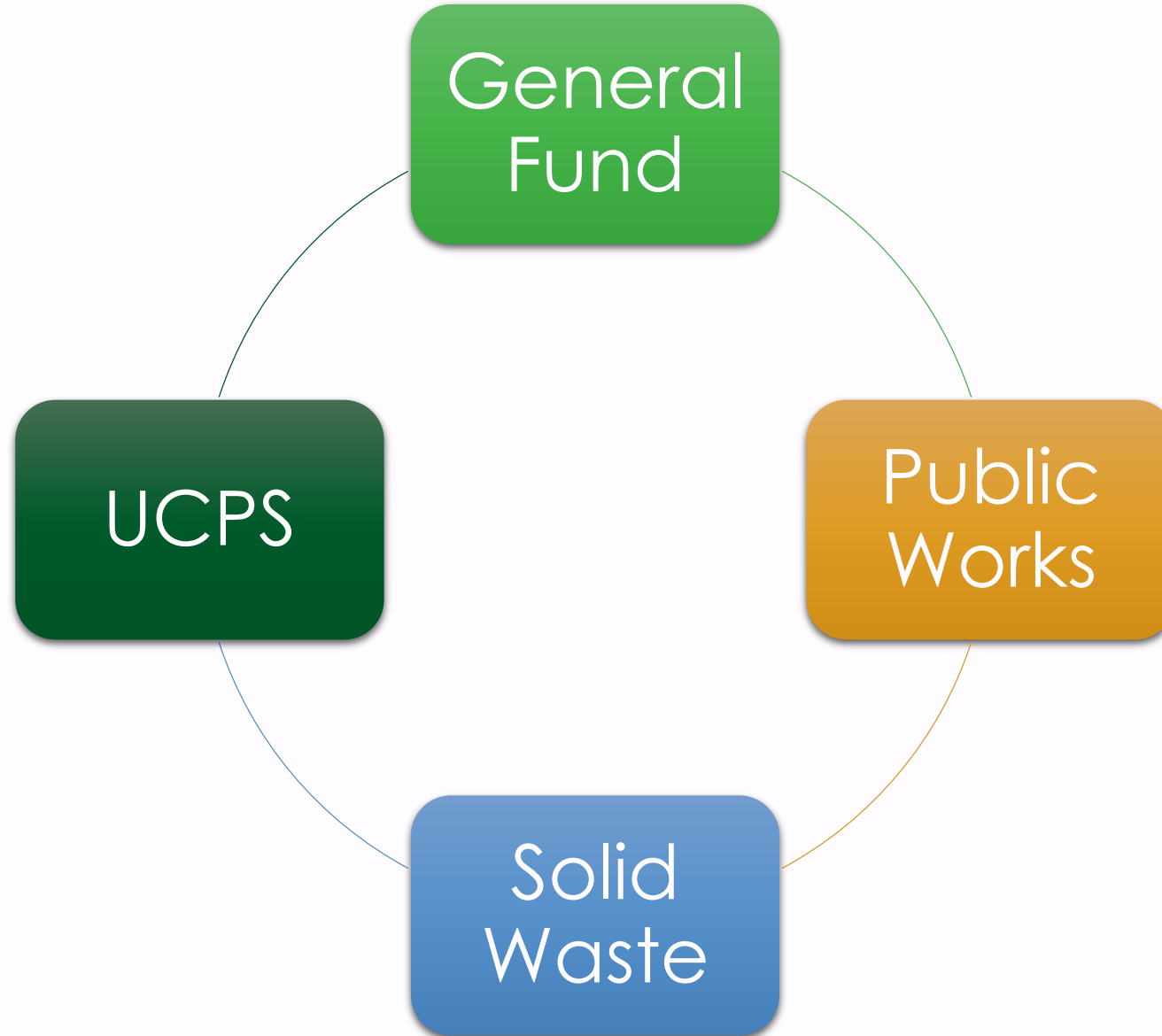
Program Summary by Fund for Public Works

Major Public Works CIP Projects

Program Summary by Fund for Solid Waste

Major Solid Waste CIP Projects

Program Summary by Fund for UCPS



Program Summary For General CIP Fund

Union County, NC FY 2022 CIP Quarterly Financial Report

As of March 31, 2022

GENERAL CAPITAL PROJECT FUND

Fund 400

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80000	Ag Center Facility Exp & Imp	\$ 3,543,121	\$ 2,722,740	\$ 20,381	\$ 800,000
80001	Board of Elections	4,677,000	1,541,040	2,742,712	393,248
80002	Emergency Management	29,916,603	15,551,348	9,784,934	4,580,321
80003	Facilities Maintenance and Ren	24,155,504	13,315,654	1,846,061	8,993,789
80004	Firearms Training Range	8,826,665	8,730,367	55,243	41,056
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 & Enhance	2,243,238	1,901,785	31,433	310,020
80009	Jail Maintenance, Repl & Exp	4,110,000	25,505	-	4,084,495
80010	Jesse Helms Park Development	500,000	-	-	500,000
80011	Law Enforcement Fac Exp & Ren	27,430,016	18,876,630	8,168,849	384,536
80012	Library Expansion and Devel	10,100,000	846,001	376,238	8,877,762
80013	Park Development and Renewal	1,211,324	393,541	52,529	765,255
80014	SPCC CIP	51,501,688	30,031,474	93,750	21,376,464
80015	Tax Assessment Software	1,568,000	1,560,932	-	7,068
80016	Economic Development	21,212,405	21,115,315	1,500	95,590
TOTAL TO DATE		\$ 228,701,157	\$ 153,955,279	\$ 23,233,549	\$ 51,512,328

GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80019	Firearms Range	\$ 8,805,665	\$ 8,730,367	\$ 34,298	\$ 41,001
80046	I.T. 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 Renov	1,990,503	1,839,310	142,683	8,510
80067	SPCC-Deferred Capital Maint	1,564,093	1,539,093	25,000	-
80069	County Facilities Repair	3,010,325	1,621,554	171,014	1,217,757
80072	Facilities AV Equipment	725,000	679,945	41,987	3,068
80076	SPCC Technology	2,043,315	1,999,565	43,750	-
80077	SPCC HVAC And Security	605,000	578,806	25,000	1,194
80078	SPCC Resurf Of Parking Lot	467,100	-	-	467,100
80079	SPCC Parking	345,000	-	-	345,000
80080	Sheriff's Office Renovations	27,430,016	18,876,630	8,168,849	384,536
80082	Tax Administration Software	675,000	669,271	-	5,729
80085	Radios	1,487,875	1,487,875	-	0
80087	School Radio Bi-Directional	1,200,000	1,200,000	-	-
80091	SPCC-Tyson Family Cent Tech	5,426,461	5,426,461	-	0
80092	SPCC-STEM building	19,873,539	19,861,427	-	12,112
80093	SPCC-Renovation - Building A	10,740,000	535,744	-	10,204,256
80094	SPCC-Renovation - Building B	1,800,000	65,477	-	1,734,523
80095	SPCC-Classroom Bldg, West UC	6,200,000	24,900	-	6,175,100
80096	Southwest Union Library	10,100,000	846,001	376,238	8,877,762
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 Park Campstore	600,000	-	-	600,000
80103	Firearms Range Shoot House	21,000	-	20,945	55
80104	911 Center Renovations and Exp	728,301	721,790	-	6,511
80105	Radio Towers SW Union	2,520,335	834,159	641,241	1,044,935
80106	Radio Microwave Replacement	482,774	257,118	225,656	-
80107	Board of Elections Renovations	4,677,000	1,541,040	2,742,712	393,248
80109	Emergency Services Complex	16,147,350	10,076,878	5,014,806	1,055,666
80110	Pictometry	403,952	402,613	-	1,339
80111	SW Conv Site Sun Valley	-	-	-	-
80112	UC Jail - Block Renovations	1,950,000	-	-	1,950,000
80113	UC Jail Generator Replacement	395,000	69	-	394,931

GENERAL CAPITAL PROJECT FUND

Fund 400

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
80119	JHP Improvements 4H Arena	2,743,121	2,722,740	20,381	-
80120	CC Park Campground R&R	275,070	183,803	6,125	85,142
80123	GC-Building Envelope Repairs	1,600,000	-	-	1,600,000
80125	Historic Courthouse PH 2 Renov	1,725,000	-	-	1,725,000
80126	Jail Door Controls and Locks	1,700,000	25,436	-	1,674,564
80130	Library R&R FY 2020	75,000	31,834	36,416	6,750
80131	Operating Capital County 2020	1,350,000	602,682	84,671	662,648
80132	Operating Capital UCSO FY 2020	450,000	129,519	-	320,481
80134	Parks and Rec R&R FY 2020	336,254	209,738	46,404	80,112
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 & Infrs	350,000	-	27,300	322,700
80147	GC - Replace Liebert Unit 3F	40,000	-	-	40,000
80156	Library Replace Metal Arc Pane	568,000	-	-	568,000
80157	Radio Replacements	970,878	970,877	-	1
80158	Pictometry Phase II	489,048	489,048	-	0
80159	UC Progress Building	6,593,676	5,209,303	1,264,649	119,724
80160	Radio Install Shop	993,455	2,651	59,375	931,429
80161	SPCC Camera System	239,400	-	-	239,400
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	-	3,289,921	256,714
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 Rep	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
TOTAL TO DATE		\$ 228,701,157	\$ 153,955,279	\$ 23,233,549	\$ 51,512,328

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	\$1,541,040	\$2,742,712	\$393,248



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
\$16,147,350	\$10,076,878	\$5,027,651	\$1,042,821



Project Detail

Department	Emergency Services
Location	Concord Avenue
Project Manager	Gordon Vincent

Funding Sources

Go Bond	\$14,859,984
Installment Financing	-
Pay Go Cash	\$842,366
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	\$14,876,350

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	\$5,209,303	\$1,264,649	\$119,724



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	\$2,651	\$59,375	\$931,429



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
\$10,100,000	\$846,001	\$376,238	\$8,877,762



Project Detail

Department	Library
Location	Cuthbertson Road
Project Manager	Linda Whitaker

Funding Sources

Go Bond	\$10,100,000
Installment Financing	-
Pay Go Cash	-
Other	-

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	\$9,118,875

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	\$18,876,631	\$8,168,849	\$384,536



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 March 31, 2022

PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Program Number	Program Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85000	762 Zone Improvements	\$ 5,788,189	\$ 3,392,677	\$ 1,203,049	\$ 1,192,463
85002	853 West Zone Improvements	26,655,296	5,260,991	20,376,661	1,017,644
85003	Crooked Creek Basin Improve	19,744,895	14,377,274	553,450	4,814,171
85004	CRWTP Improvements	45,273,154	44,644,721	200,148	428,285
85007	New 880 Pressure Zone	1,848,956	1,490,731	185,810	172,416
85008	Short Water Line Extensions	11,397,901	4,567,480	748,517	6,081,905
85009	Town Center Sewer Development	388,200	64,200	324,000	-
85010	Twelve Mile Ck WWTP System Imp	71,934,616	52,001,189	18,776,738	1,156,689
85011	UCPW Buildings and Improvement	9,625,000	204,560	122,890	9,297,551
85012	Lower Crooked Creek WRF	20,100,000	2,801,524	14,738,564	2,559,912
85013	Yadkin River Water Supply	308,785,590	144,274,622	159,559,710	4,951,258
86000	Wastewater Pump Station Improv	5,576,360	2,747,216	225,700	2,603,444
86001	Wastewater Rehab and Replace	16,097,198	3,653,395	2,805,558	9,638,245
86002	Water & Wastewater Master Plan	1,360,834	553,805	807,029	-
86003	Water Rehab and Replacement	29,496,860	8,075,223	14,060,995	7,360,642
86004	Water Tank Rehabilitation	2,187,381	1,206,398	860,638	120,346
86005	Waste Water Treatment Plant RR	11,100,000	5,398,655	5,107,201	594,144
86007	EDC Industrial Park W&WW	3,000,000	374,105	68,726	2,557,169
TOTAL TO DATE		\$ 590,360,430	\$ 295,088,764	\$ 240,725,384	\$ 54,546,283

PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84014	762 Zone Transm Main (Bypass)	\$ 969,051	\$ 73,800	\$ 895,251	\$ 0
84024	SCADA Master Plan - Water	7,600,000	1,882,157	464,505	5,253,338
84080	Marshville Water Tank Rehab	1,023,965	69,527	859,896	94,542
84084	762 Zone Elevated Tank	4,513,942	3,013,681	307,799	1,192,462
84086	853 West Transmission Main	24,472,974	4,828,352	19,532,836	111,786
84089	Yadkin Distribution System Imp	2,500,000	818,478	1,316,660	364,863
84090	SDF CRF Yadkin Raw Water	161,004,237	75,390,402	83,939,716	1,674,120
84091	Yadkin Water Treatment Plant	121,721,040	51,896,736	67,422,037	2,402,267
84095	762 Zone Misc Improvements	305,196	305,196	-	0
84098	Galvanized Repl FY18 - FY2033	895,549	194,693	51,052	649,805
84106	853 W Zone Transmission Mn Ph2	500,000	64,505	66,806	368,690
84107	Billy Howey Waterline Extensio	382,322	368,134	-	14,188
84108	Advanced Metering Infrastructu	16,600,000	2,646,977	13,263,381	689,642
84109	Shortline Water Extension FY19	1,171,408	1,171,408	-	0
84110	Galvanized Line Repl FY18	769,738	769,738	-	0
84111	Yadkin Basin WL Ext Assessment	93,657	38,608	-	55,049
84112	Yadkin Stanly Settlement	1,038,440	855,105	183,335	-
84114	Yadkin Montgomery Settlement	784,943	728,792	56,151	-
84115	Stallings Water Tank Rehab	392,102	392,102	-	0
84116	Stallings Rd Waterline	341,558	341,558	-	0
84117	CRWTP Fencing	429,721	412,468	5,658	11,594
84118	CDBG Hwy 218 Water Main Ext	576,069	572,619	-	3,450
84119	Worwood Acres Waterline Replac	1,093,931	807,904	128,454	157,573
84120	Shortline Water Ext FY 2020	10,226,493	3,396,072	748,517	6,081,904
84121	880 Zone Charlotte Interconnec	1,801,163	1,442,938	185,810	172,415
84123	Galvanized Line Repl FY 20	917,916	740,908	144,994	32,014
84124	Northwest Tank Refurbishment	771,314	744,769	741	25,803
84502	SDF CRF CRWTP Reservoir Exp	29,260,411	28,885,099	35,866	339,446
84503	CRWTP Process Improvements	5,720,895	5,669,841	73,058	(22,004)
84504	Yadkin Water Supply	4,700,510	4,016,279	313,815	370,416
84506	SDF CRF CRWTP Plant Exp	9,617,275	9,607,180	10,095	0
84507	Yadkin Program Management	17,036,420	10,568,831	6,327,996	139,593
84508	Chestnut Lane Connector Water	440,000	8,300	-	431,700
84510	Stack Road Water Line	158,442	71,761	8,609	78,072
84512	SCADA	214,852	70,133	46,675	98,044

PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
84515	Presson Road Waterline	10,000	-	-	10,000
84516	Catawba River Water Pump Upgra	30,000	-	28,795	1,205
85006	Wastewater R&R Program	3,843,046	80,376	55,692	3,706,979
85009	SCADA Master Plan Update - Sew	7,600,000	1,882,166	464,505	5,253,330
85036	Stallings- Collection System	388,200	64,200	324,000	-
85040	CC Interceptor Improvm PH I	4,178,193	529,901	102,919	3,545,373
85041	(old) WW Pump Station Imp	1,044,082	1,044,081	-	1
85042	Blythe Creek Sewer Improv	7,097,102	6,495,281	211,474	390,347
85045	Collection System SSES & Rehab	411,356	375,598	23,321	12,437
85047	West Fork 12ML Interc Improv	14,459,295	1,913,501	12,121,961	423,833
85049	Forest Park PS Replacem & II	3,874,630	3,874,629	-	1
85050	Poplin Road PS Interim Imp	18,100,000	2,529,601	14,711,111	859,287
85051	Suburban Est PS & Force Main	1,071,000	158,164	13,921	898,915
85052	Waxhaw Marvin PS Decommission	47,793	47,793	-	0
85055	WWTP R&R	650,181	179,310	-	470,871
85056	Waxhaw Interceptor	6,300,000	2,140,143	4,067,608	92,248
85057	Crooked Ck Interceptr Imp Ph 2	1,257,607	643,155	258,438	356,014
85059	Unionville PS Replacement	516,982	515,739	-	1,243
85061	12 ML Creek I&I Abatement	400,000	353,720	37,928	8,353
85063	WRF Process Evaluation	541,380	463,271	68,899	9,210
85064	STEG Asset Inventory/Assesmen	2,004,302	896,810	953,788	153,704
85065	EDC Industrial Park Pump Stati	3,000,000	374,105	68,726	2,557,169
85067	East Side Clay Lining WW R&R	295,000	221,055	-	73,945
85068	Waxhaw Clay Lining WW R&R	310,000	104,489	1,867	203,644
85069	Fairfield Plantation R&R	234,850	217,694	-	17,156
85070	Deese PS Decommission	662,576	613,048	45,329	4,200
85072	CCWRF Electrical Improvements	3,902,439	635,818	3,252,417	14,205
85073	CCWRF Process Improvements	4,390,000	2,689,044	1,617,699	83,257
85074	Olde Sycamore WRF Process Imp	1,616,000	1,431,212	168,187	16,601
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	-	141,750	858,250
85515	SDF CRF CC Headworks Imprv	9,171,809	9,171,425	-	384
85517	SDF CRF 12M CK WWTP Exp	41,379,577	41,024,248	148,921	206,408
85520	Lower Crooked Creek WRF	1,874,245	203,396	224	1,670,625

PUBLIC WORKS CAPITAL PROJECT FUND

Fund 601

Project Number	Project Name	Revised Budget	Expended to Date	Encumbrances	Available Budget
85521	Tarkhill Force Main R&R	1,690,000	145,955	1,329,707	214,338
85522	STEG Assessment Waxhaw	120,000	104,850	-	15,150
85526	853 West Zone Trans. Phase 3	1,300,000	-	777,020	522,980
85530	Lower Crooked Creek Site B	125,755	68,526	27,229	30,000
85531	CRF 12 Mile Creek Exp 7.5 - 9	2,198,642	74,296	2,124,346	-
85533	Indian Trail Park/Grover Place	191,656	-	178,173	13,484
85534	6-Mile Service Area Assessment	100,000	-	64,500	35,500
86007	Master Plan Update(old)	1,360,834	553,805	807,029	-
86019	Op Center Expansion and Renova	3,700,000	34,413	8,647	3,656,940
86020	Op Center Storage	2,900,000	-	-	2,900,000
86021	CC WRF Admin Building	1,325,000	70,925	57,135	1,196,940
86022	12ML WRF Adm Building	1,700,000	99,222	57,107	1,543,671
TOTAL TO DATE		\$ 590,360,430	\$ 295,088,764	\$ 240,725,384	\$ 54,546,283

Major Public Works Capital Improvement Projects

12 Mile Creek WWTP Expansion

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 (85517)

Land / Predesign

Design

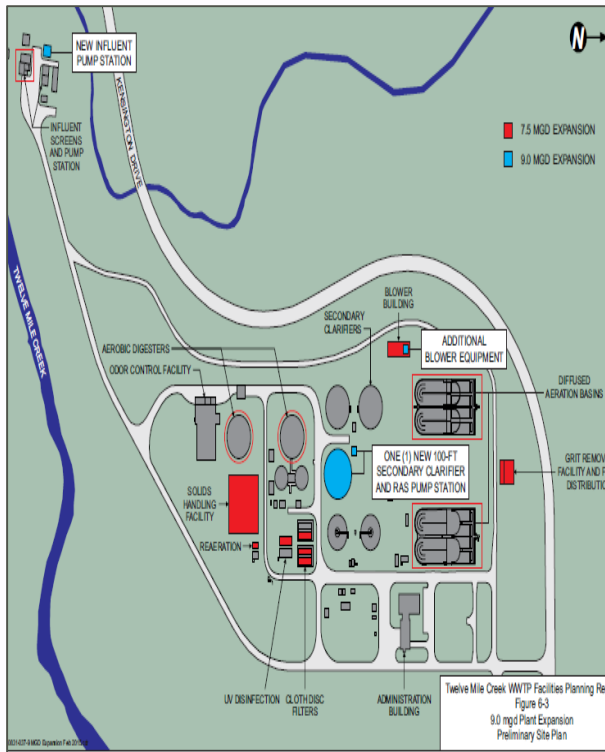
Construction

Scope

Project provides for 1.5 MGD capacity expansion from 6 MGD to 7.5 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 7.5 MGD.

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$41,379,577	\$41,024,248	\$148,921	\$206,408



Project Detail

Location	Waxhaw
Project Manager	Grant Moore

Funding Sources

Other	-
Pay Go Cash	\$3,228,039
Revenue Bonds	\$38,151,538
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	09/01/2021	12/01/2021	-
Design	01/01/2022	04/30/2023	\$5,515,998
Construction	08/01/2023	02/28/2025	\$35,863,579

Estimated End Date

02/2025

853 West Transmission Main Improvements (84086)

Land / Predesign

Design

Construction

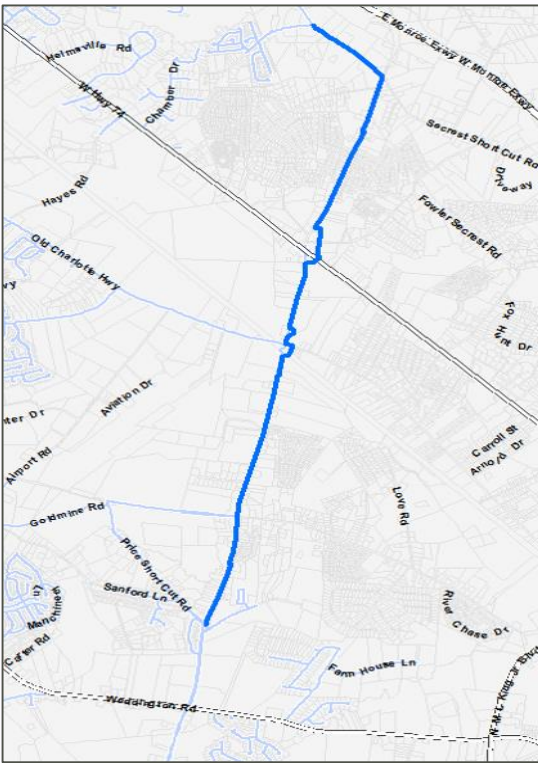


Scope

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	\$4,828,352	\$19,532,836	\$111,786



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

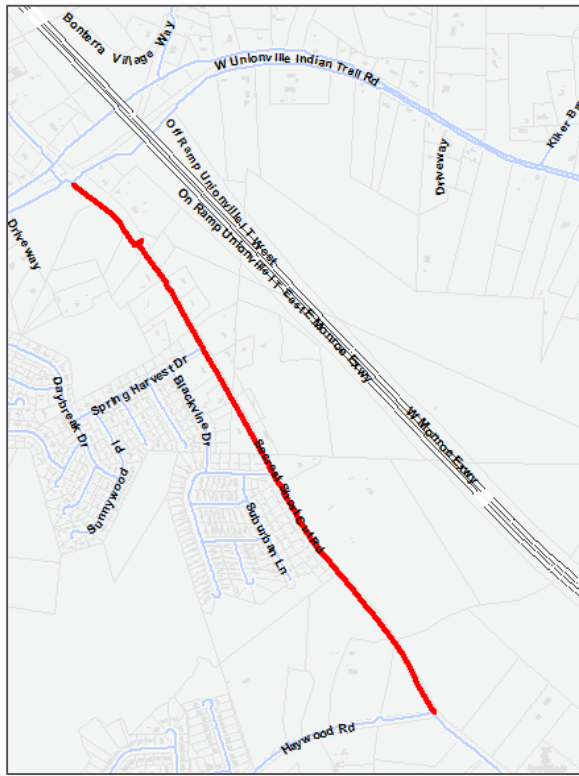


Scope

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
\$500,000	\$64,505	\$66,806	\$368,690



Project Detail

Location	Indian Trail
Project Manager	Scott Huneycutt

Funding Sources

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

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	10/01/2021	06/31/2022	\$500,000
Construction	09/01/2022	03/31/2023	-

Estimated End Date

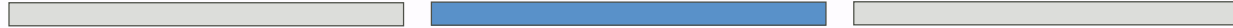
03/2023

853 West Zone Transmission Main Phase 3 (85526)

Land / Predesign

Design

Construction

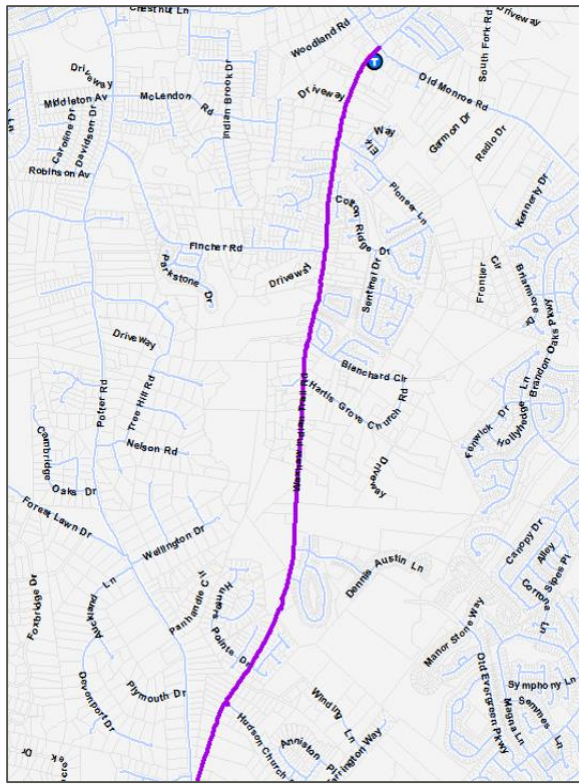


Scope

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	-	\$777,020	\$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

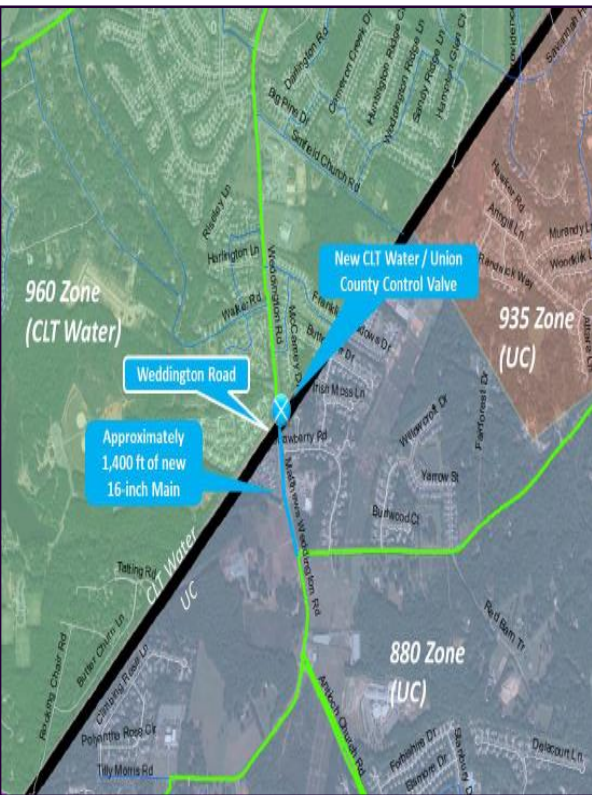


Scope

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	\$1,442,938	\$185,810	\$172,415



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	05/31/2022	\$1,701,163

Estimated End Date
05/2022

Advanced Metering Infrastructure (AMI) (84108)

Land / Predesign

Design

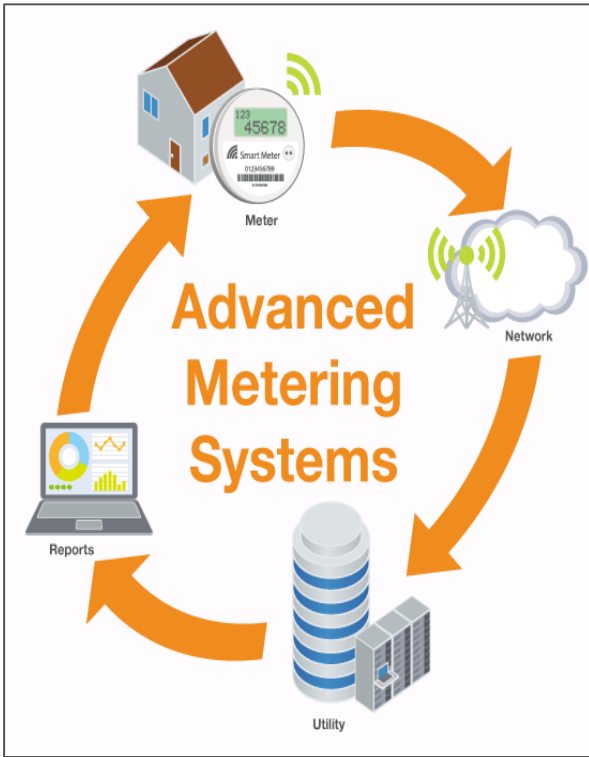
Construction

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	\$2,646,977	\$13,263,381	\$689,642



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)

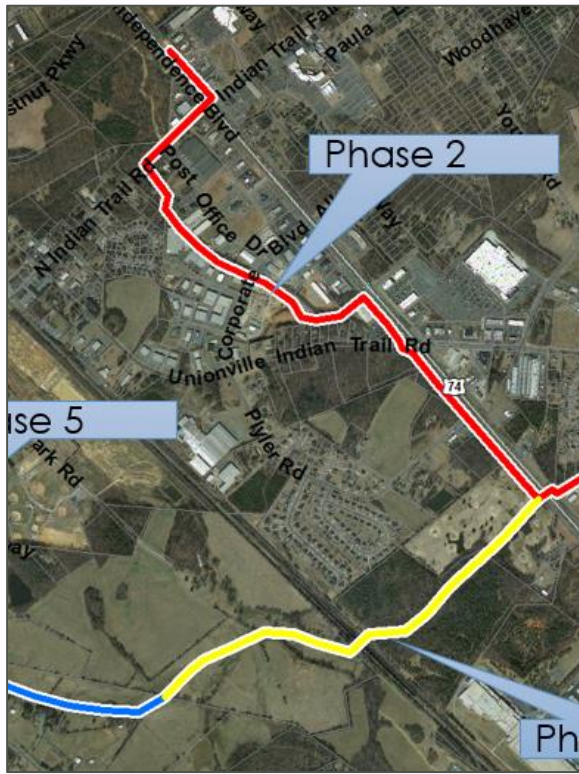


Scope

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
\$1,257,607	\$643,155	\$258,438	\$356,014



Project Detail

Location	Indian Trail
Project Manager	Fred Braun

Funding Sources

Other	-
Pay Go Cash	\$657,607
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

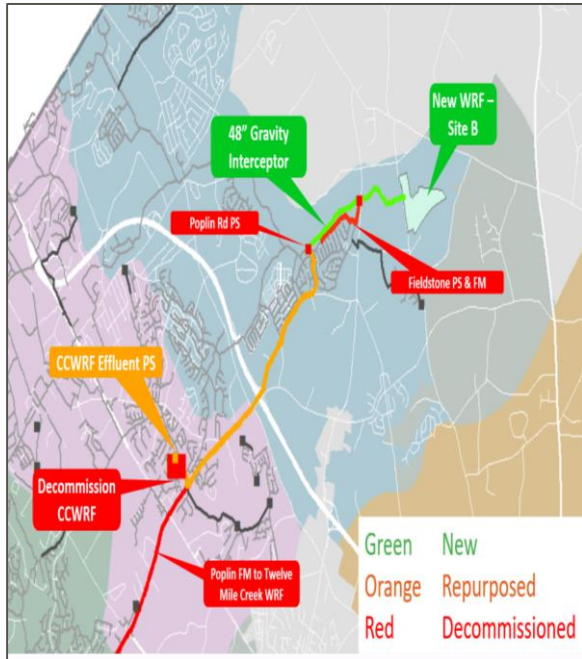
Construction

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)

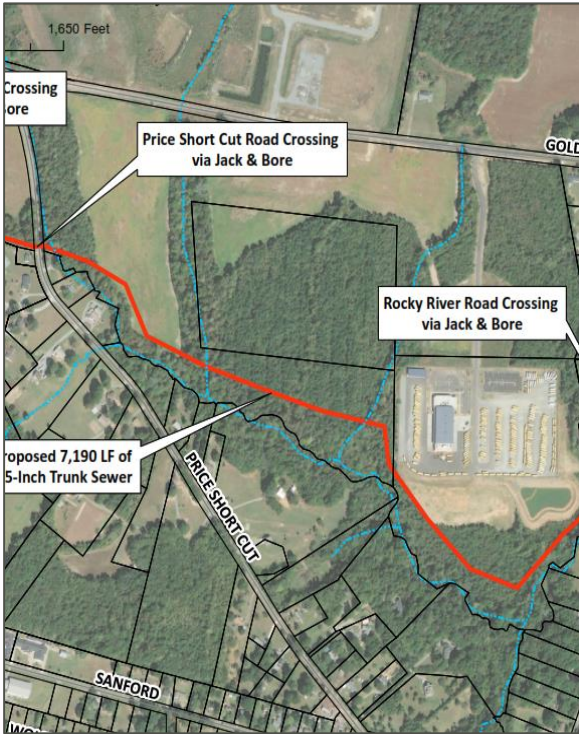


Scope

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	\$374,105	\$68,726	\$2,557,169



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	08/31/2022	-
Construction	10/01/2022	10/31/2024	\$3,000,000

Estimated End Date
10/2024

Poplin Road Pump Station Interim Improvements (85050)

Land / Predesign

Design

Construction

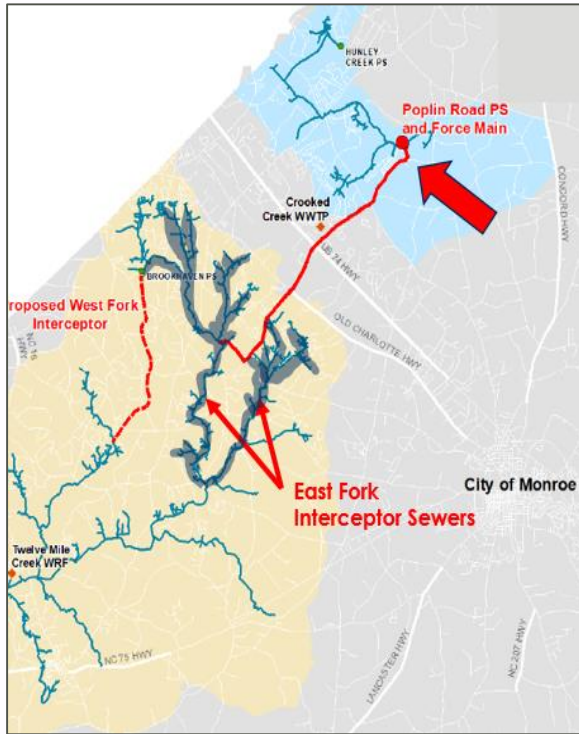


Scope

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	\$2,529,601	\$14,711,111	\$859,287



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

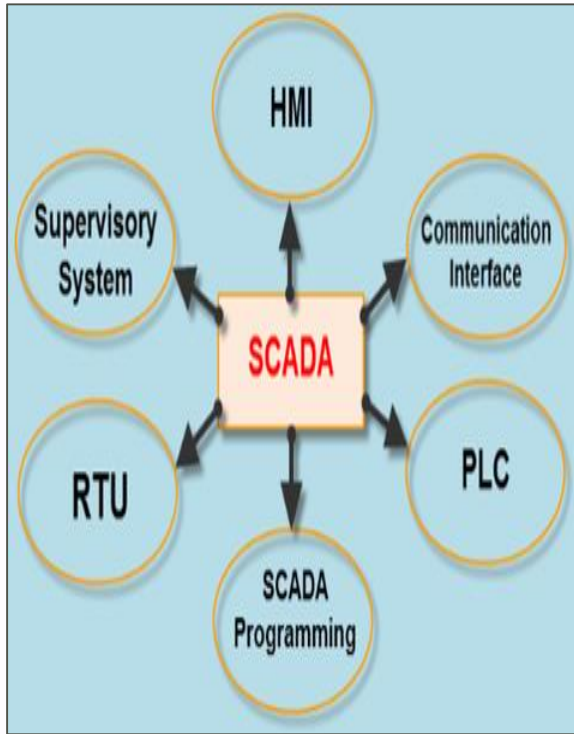


Scope

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
\$7,600,000	\$1,882,157	\$464,505	\$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	07/31/2022	\$1,300,000
Construction	09/01/2020	12/31/2023	\$6,300,000

Estimated End Date

12/2023

SCADA Masterplan - Wastewater (85009)

Land / Predesign

Design

Construction

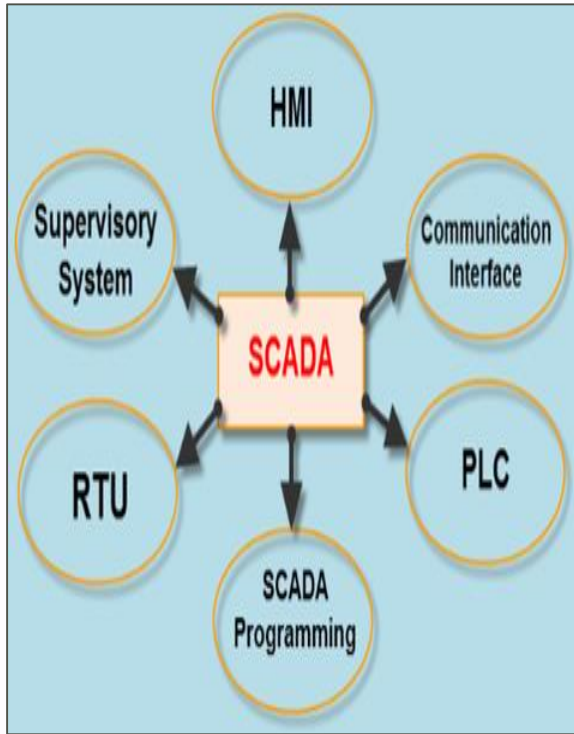


Scope

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	\$1,882,166	\$464,505	\$5,253,330



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	07/31/2022	\$1,300,000
Construction	09/01/2020	12/31/2023	\$6,300,000

Estimated End Date

12/2023

Short Line Extensions FY 2020 (84120)

Land / Predesign

Design

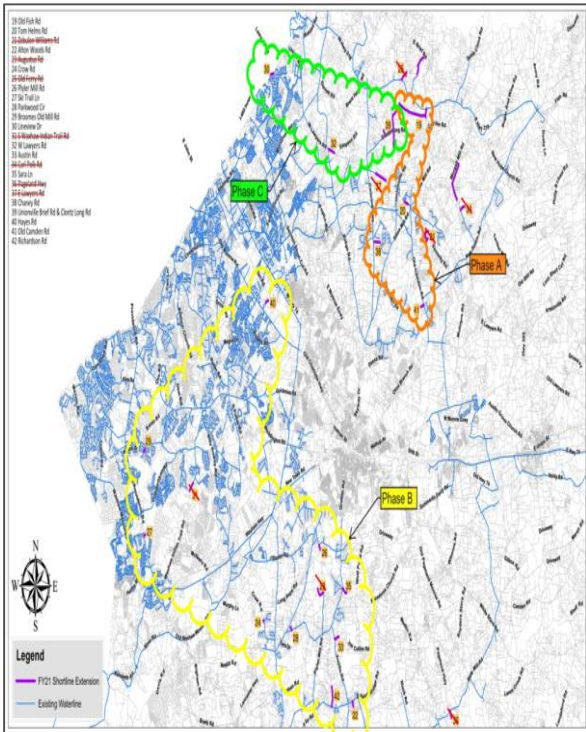
Construction

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	\$3,396,072	\$748,517	\$6,081,904



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	05/31/2021	\$700,000
Construction	08/01/2022	08/31/2023	\$9,526,493

Estimated End Date
08/2023

STEG Assessment Waxhaw (85522)

Land / Predesign

Design

Construction

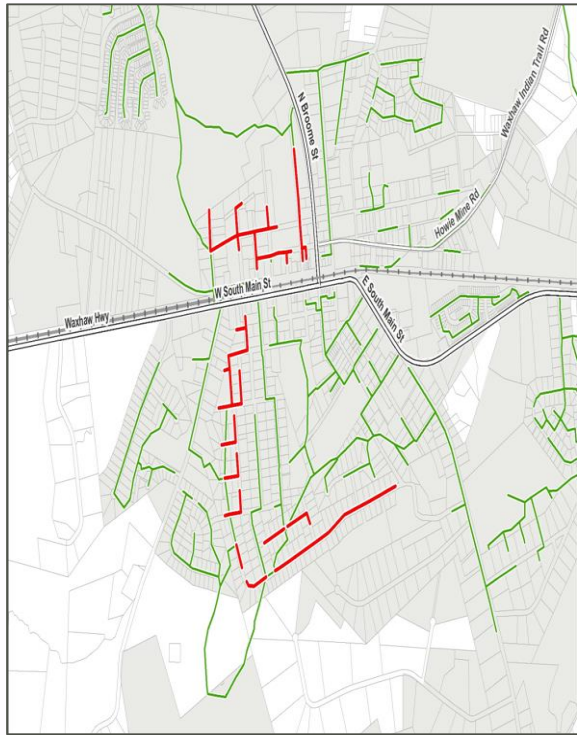


Scope

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

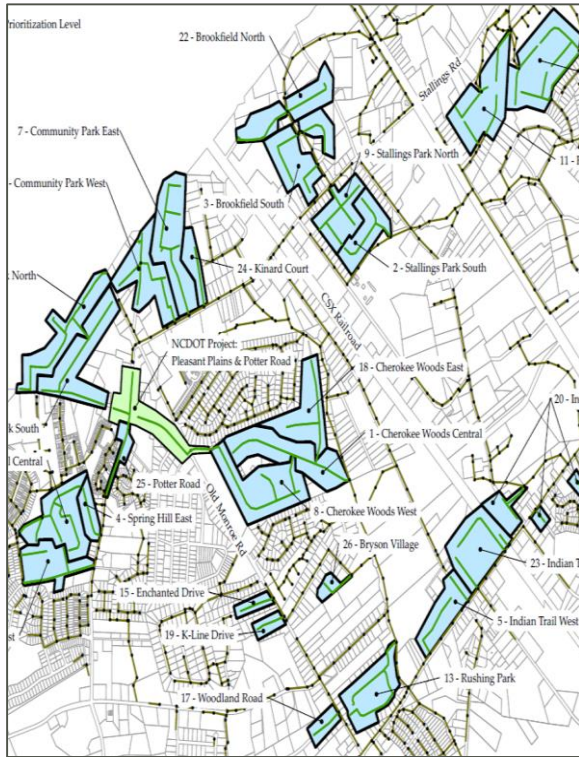
Construction

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	\$896,810	\$953,788	\$153,704



Project Detail

Location	Indian Trail, Stallings
Project Manager	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

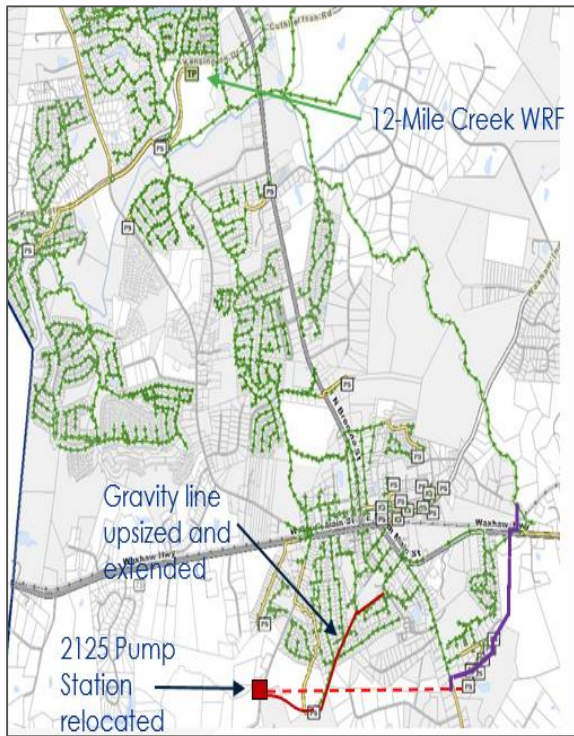


Scope

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	\$2,140,143	\$4,067,608	\$92,248



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	09/30/2022	\$5,800,000

Estimated End Date

09/2022

West Fork 12 Mile Interceptor Improvements (85047)

Land / Predesign

Design

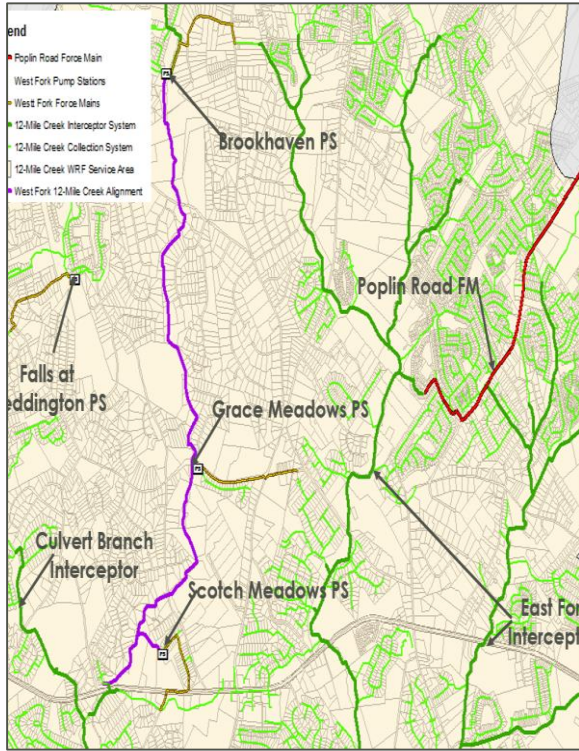
Construction

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	\$1,913,501	\$12,121,961	\$423,833



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

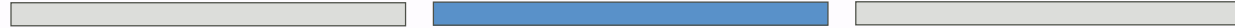
11/2023

YRWSP Distribution System Improvements (84089)

Land / Predesign

Design

Construction

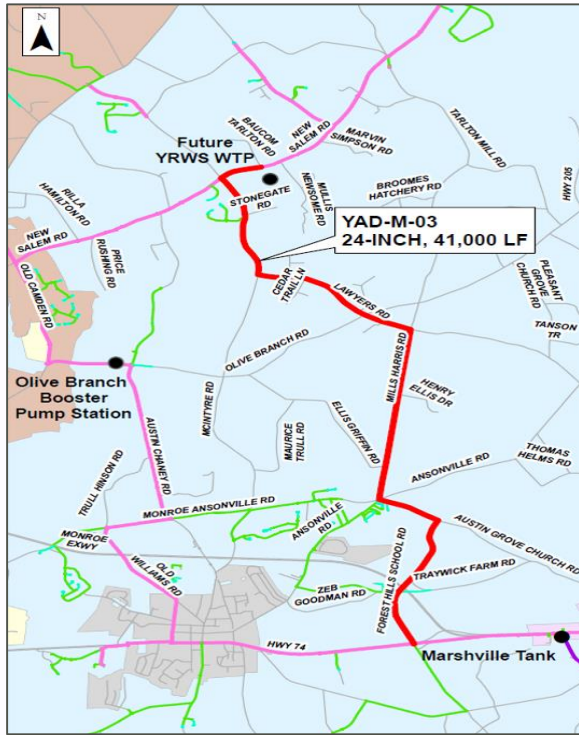


Scope

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
\$2,500,000	\$818,478	\$1,316,660	\$364,863



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	03/31/2026	-

Estimated End Date

03/2026

YRWSP Program Management (84507)

Land / Predesign

Design

Construction



Scope

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

Current Funding Detail

Appropriated to Date	Expended to Date	Encumbrances	Available Budget
\$17,036,420	\$10,568,831	\$6,327,996	\$139,593



Project Detail

Location	-
Project Manager	John Shutak

Funding Sources

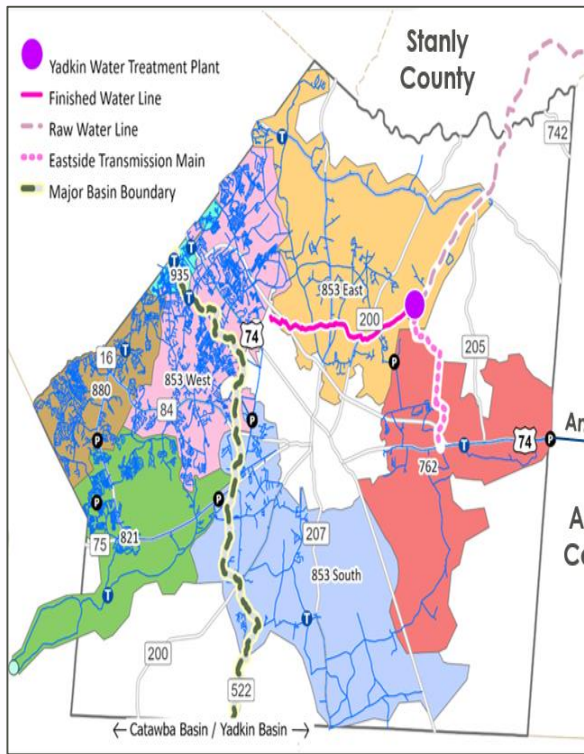
Other	-
Pay Go Cash	\$12,936,420
Revenue Bonds	\$4,100,000
System Development Fees	-

Activity

Activity	Start	End	Cost
Land / Predesign	-	-	-
Design	02/01/2017	07/01/2020	\$16,186,420
Construction	08/01/2020	11/30/2023	\$850,000

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	\$75,390,402	\$84,143,548	\$1,470,287

Project Detail

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

Funding Sources

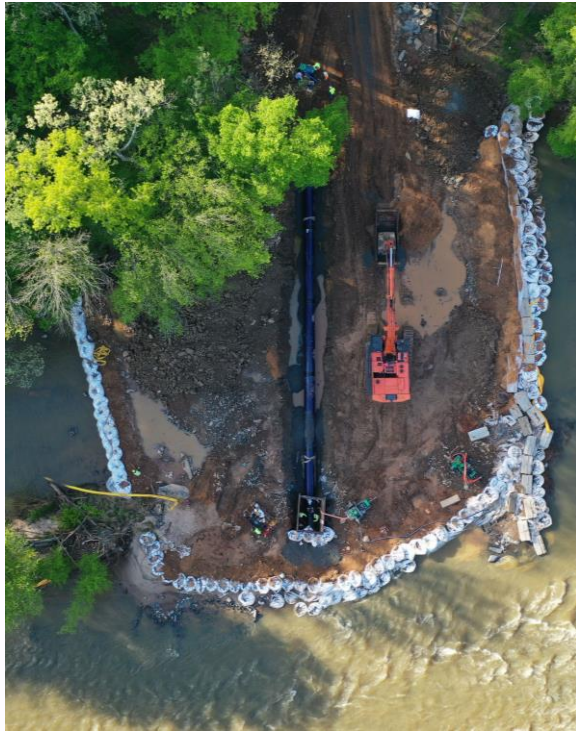
Other	-
Pay Go Cash	\$1,743,197
Revenue Bonds	\$159,261,040
System Development Fees	-

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	\$51,896,736	\$67,652,087	\$2,172,217

Project Detail

Location	-
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 March 31, 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	\$ 38,259	\$ 3,213,692		
TOTAL TO DATE		\$ 3,459,300	\$ 207,349	\$ 38,259	\$ 3,213,692		

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	\$ 55	\$ 2,498,692
87001	C&D Cell Expansion	800,000	46,796	38,204	715,000
TOTAL TO DATE		\$ 3,459,300	\$ 207,349	\$ 38,259	\$ 3,213,692

Major Solid Waste Capital Improvement Projects

Austin Chaney
Site Redesign

C & D Cell
Expansion

Austin Chaney Site Redesign (87000)

Land / Predesign

Design

Construction

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	\$162,074	\$55	\$2,497,171

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 March 31, 2022	
UCPS CAPITAL PROJECT FUND				Fund 401	
Program Name	Revised Budget	Expended to Date	Available Budget		
2016 BOND PROJECTS	\$ 56,221,776	\$ 54,847,683	\$ 1,374,093		
2018 PROJECTS	11,425,090	9,918,232	1,506,858		
2019 PROJECTS	9,079,515	7,089,224	1,990,291		
2020 PROJECTS	18,749,506	14,425,137	4,324,369		
2021 PROJECTS	15,419,477	5,307,319	10,112,158		
2022 GO BOND PROJECTS	4,900,000	804,700	4,095,300		
2022 PROJECTS	16,017,138	688,059	15,329,079		
LAPTOPS	10,805,440	9,767,346	1,038,094		
SALES TAX REFUND	393,458	-	393,458		
TOTAL TO DATE	\$ 143,011,400	\$ 102,847,700	\$ 40,163,700		

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
80000	UCPS Interfund Transfer Rec	\$ 393,458	\$ -	\$ 393,458
	<i>SALES TAX REFUND</i>	\$ 393,458	\$ -	\$ 393,458
82001	MONROE HS BOND PROJECT	\$ 4,345,385	\$ 4,153,451	\$ 191,934
82002	PIEDMONT HS BOND PROJECT	1,615,106	1,536,356	78,750
82005	SUN VALLEY HS BOND PROJECT	34,419,925	34,099,732	320,193
82006	TRANSPORTATION FACILITY	15,244,656	14,566,441	678,215
82007	WESTERN UNION ES BOND PRJ	596,704	491,704	105,001
	<i>2016 BOND PROJECTS</i>	\$ 56,221,776	\$ 54,847,683	\$ 1,374,093
82300	FY 2018 UCPS ADA	\$ 2,064,080	\$ 1,442,305	\$ 621,775
82301	FY 2018 UCPS BUILDING SYSTEMS	1,935,002	1,366,124	568,878
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
	<i>2018 PROJECTS</i>	\$ 11,425,090	\$ 9,918,232	\$ 1,506,858
82310	FY 19 UCPS ADA	\$ 289,800	\$ 140,517	\$ 149,283
82311	FY 19 UCPS Building Systems	5,144,000	4,468,045	675,955
82312	FY 19 UCPS Expansion/Renovatio	1,067,709	1,037,450	30,259
82313	FY 19 UCPS IT/Other	152,206	152,021	185
82314	FY 19 UCPS Roofing	2,000,000	945,980	1,054,020
82315	FY 19 UCPS SAFETY AND SECURITY	425,800	345,212	80,588
	<i>2019 PROJECTS</i>	\$ 9,079,515	\$ 7,089,224	\$ 1,990,291

UCPS CAPITAL PROJECT FUND

Fund 401

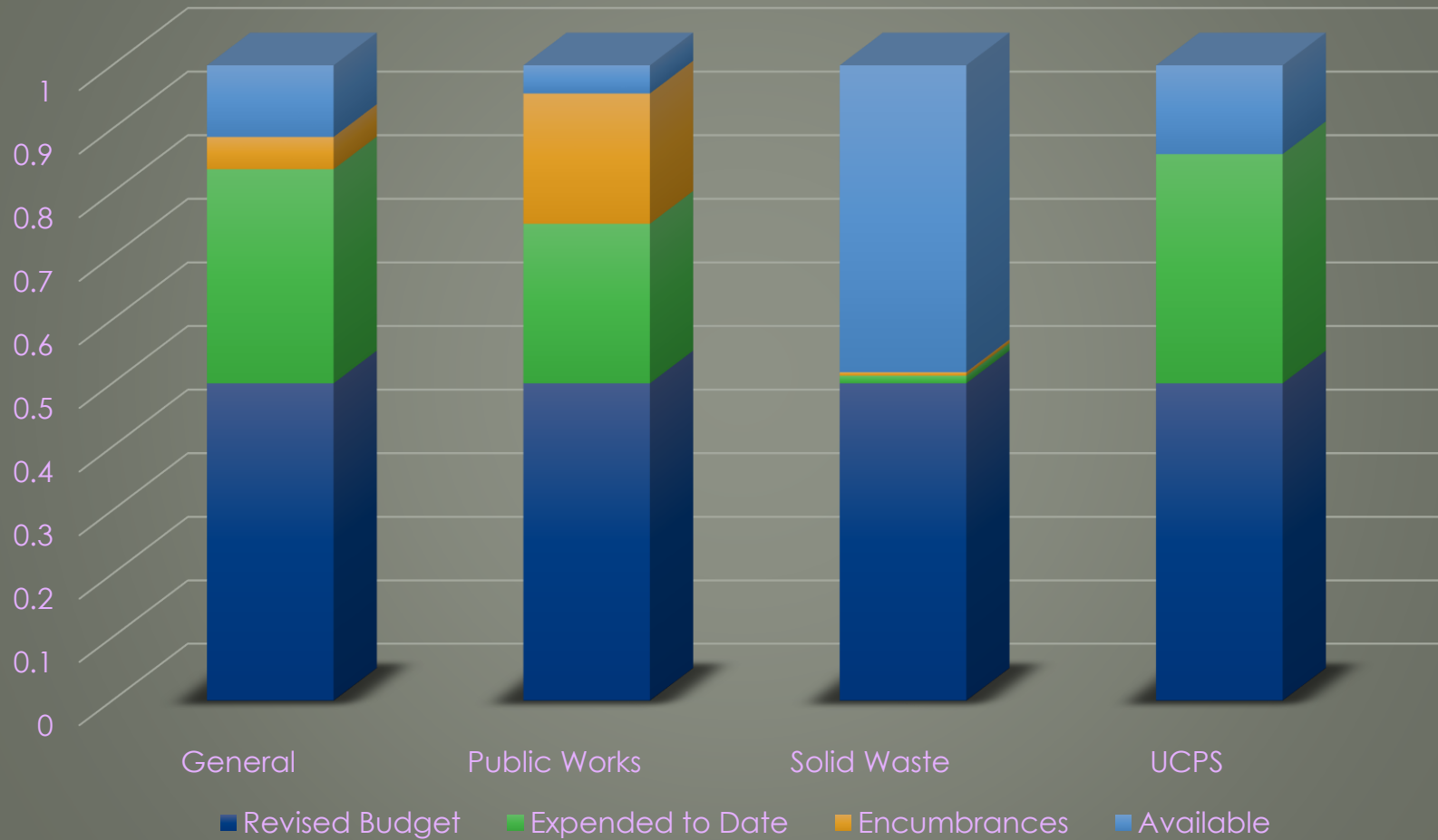
Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82319	FY 2020 UCPS ADA	\$ 515,550	\$ 295,561	\$ 219,989
82320	FY 2020 UCPS BUILDING SYSTEMS	4,689,000	2,693,476	1,995,524
82321	FY 2020 UCPS EXP/RENOVATIONS	7,346,324	6,040,186	1,306,138
82322	FY 2020 UCPS IT	1,282,632	1,280,984	1,648
82323	FY 2020 UCPS ROOFING	200,000	-	200,000
82324	FY 2020 UCPS SAFETY/SECURITY	1,233,000	951,280	281,720
82325	FY 2020 UCPS FF&E	1,285,000	1,280,016	4,984
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
	2020 PROJECTS	\$ 18,749,506	\$ 14,425,137	\$ 4,324,369
82331	FY 2021 UCPS ADA	\$ 505,763	\$ 65,150	\$ 440,613
82332	FY 2021 UCPS Building Systems	6,595,500	1,845,213	4,750,287
82333	FY 2021 UCPS Exp/Renovations	5,075,514	1,664,147	3,411,367
82334	FY 2021 UCPS Roofing	1,050,000	-	1,050,000
82335	FY 2021 UCPS Safety and Securi	858,000	821,869	36,131
82336	FY 2021 UCPS Classroom F&E	472,700	160,006	312,694
82338	FY 2021 UCPS Veh/Equip	862,000	750,934	111,066
	2021 PROJECTS	\$ 15,419,477	\$ 5,307,319	\$ 10,112,158
82341	FY 2022 UCPS ADA	\$ 347,571	\$ -	\$ 347,571
82342	FY 2022 UCPS Building Systems	7,889,494	152,034	7,737,460
82343	FY 2022 UCPS Exp/Renovations	3,460,350	52,308	3,408,042
82344	FY 2022 UCPS Roofing	2,100,000	-	2,100,000
82345	FY 2022 UCPS Safety & Security	1,210,773	331,489	879,284
82346	FY 2022 UCPS Classroom F&E	458,850	-	458,850
82347	FY 2022 UCPS Veh/Equipment	500,100	117,250	382,850
82348	FY 2022 UCPS Band Equipment	50,000	34,978	15,022
	2022 PROJECTS	\$ 16,017,138	\$ 688,059	\$ 15,329,079

UCPS CAPITAL PROJECT FUND

Fund 401

Project Number	Project Name	Revised Budget	Expended to Date	Available Budget
82340	Design Work for FH High & East	\$ 4,900,000	\$ 804,700	\$ 4,095,300
	<i>2022 GO BOND PROJECTS</i>	\$ 4,900,000	\$ 804,700	\$ 4,095,300
82316	UCPS 5YR Laptop Lease Pmt	\$ 10,805,440	\$ 9,767,346	\$ 1,038,094
	<i>LAPTOPS</i>	\$ 10,805,440	\$ 9,767,346	\$ 1,038,094
TOTAL TO DATE		\$ 143,011,400	\$ 102,847,700	\$ 40,163,700

CIP Budget



An aerial photograph of Union County, North Carolina, showing a large, ornate building with a prominent clock tower in the center. The image is overlaid with a dark blue gradient that transitions into a white triangle on the right side. The word "Questions?" is written in white text across the center of the image.

Questions?



UNIONCOUNTY
north carolina