

FY16 CIP Projects

Project Name	Category	Benefit	Estimated Total Project Cost	Schedule	Area	Status
CRWTP - Raw Water Reservoir	Treatment	System reliability and resiliency: A new reservoir will ensure a 30-day raw water supply for use if the river intake is compromised	\$ 23,408,000.00	2015-2018	Catawba Plant	Construction
CRWTP - Process Improvements	Treatment	System reliability and resiliency: Improvements will result in greater operating efficiencies and ability to consistently meet and/or exceed water quality standards	\$ 5,336,000.00	2015-2016	Catawba Plant	Construction
Crooked Creek WWTP Headworks Improvements	Treatment	Operational performance and regulatory compliance: Improving the wastewater treatment plant to give greater operational control and reduce the risk of sanitary sewer overflows	\$ 11,026,000.00	2015-2018	Crooked Creek WWTP	Construction
12 Mile Creek WWTP Expansion	Treatment	System capacity improvements to meet current and future demands: Expansion of the plant treatment capacity will ensure that demand will be met for future County growth	\$ 33,881,000.00	2015-2018	12 Mile Creek WWTP	Construction
12 Mile Creek WWTP Filter Replacement	Treatment	Operational performance and regulatory compliance: Replacement of the existing filter system results in improvement of the plant operational efficiency and increases water quality	\$ 11,513,000.00	2014-2016	12 Mile Creek WWTP	Construction
853 West Transmission Main Phase I	Water Distribution	System reliability and resiliency: Design and construction of water main will provide the required volume to meet peak demand, as well as improve overall system performance within the area	\$ 22,756,000.00	2017-2019	853 Pressure Zone	Design
Indian Trail Elevated Tank	Water Distribution	System reliability and resiliency: Design and construction of new water tower will provide system volume and pressure required to meet peak demands	\$ 5,059,000.00	2018-2019	853 Pressure Zone	Planning
Wingate Elevated Tank	Water Distribution	System capacity improvements to meet current and future demands: New water tower in the Wingate area will provide required volume to meet peak demand, as well as improve overall system performance. It will also allow for existing storage facilities to be taken out of service for repair and routine maintenance work with no disruption to the operation of the distribution system.	\$ 3,279,000.00	2016-2017	762 Pressure Zone	Planning
Rays Fork Interceptor	Wastewater Collection	System capacity improvements to meet current and future demands: Construction of approximately 18,700 feet of sewer lines will allow for the system to operate more efficiently and improve capacity to meet present and future system demands	\$ 6,180,000.00	2015-2016	Rays Fork Sub-basin	Construction
Forest Park Pump Station Improvements	Wastewater Collection	System capacity improvements to meet current and future demands: Improvements will provide necessary capacity and reliability to meet present and future system demands	\$ 2,464,000.00	2016-2017	Forest Park Subdivision	Design
Helmsville Road Pump Station Improvements	Wastewater Collection	System capacity improvements to meet current and future demands: Improvements will provide necessary capacity and reliability to meet present and future system demands	\$ 2,711,000.00	2015-2019	Helmsville Road PS	Construction
Wastewater Renewal & Replacement Program						
Misc. Sewer Main Replacements - Waxhaw	Renewal & Replacement	System reliability and resiliency: Replacement of aging wastewater infrastructure in the downtown Waxhaw area. Targeted replacements will allow Union County to provide reliable service to its customers while accommodating growth and redevelopment of the downtown area	\$ 8,901,000.00	2015-2021	Downtown Waxhaw	Design
Water Renewal & Replacement Program						
Doster Road Waterline Replacement	Renewal & Replacement	System reliability and resiliency: Targeted replacements of the water distribution system infrastructure. The replacements will provide system improvements, water quality, and a reduction in operational and maintenance costs	\$ 6,291,000.00	2016-2021	Doster Road	Design
Sikes Mill Road Waterline replacement	Renewal & Replacement	System reliability and resiliency: Targeted replacements of the water distribution system infrastructure. The replacements will provide system improvements, water quality, and a reduction in operational and maintenance costs	\$ 6,291,000.00	2016-2021	Sikes Mill Road	Design
Galvanized Waterline Replacement	Renewal & Replacement	System reliability and resiliency: Replacement of galvanized waterlines throughout the Union County service area provides system improvements and a reduction in operational and maintenance costs	\$ 5,175,531.00	2013-2021	FY16 Map	Construction
Short Water Line Extensions	Community Improvements	System reliability and resiliency: Program provides for the extension of up to 1,000 feet of waterlines to extend water service to residents of Union County	\$ 5,287,000.00	2013-2021	FY16 Map	Construction
Blythe Creek Sewer Improvements	Community Improvements	System reliability and resiliency: Construction will result in a more efficient water collection system, and lower plant operational costs	\$ 2,429,000.00	2016-2017	Blythe Creek Basin	Design
Stallings Collection System Improvements	Community Improvements	System Planning: Development of a plan to improve wastewater service within the Stallings town limits	\$ 431,200.00	2015-2016	Stallings Road	Planning
Human Services Building	Facilities	The new 144,000 square-foot Human Services building will house Union County Division of Social Services, Division of Public Health and Human Services Administration. Will replace facility known as Union Village	\$ 24,376,000.00	2016-2017	Skyway Drive and Concord Avenue	Construction
Sherriff's Office Firing Range	Facilities	This facility will provide UCISO the ability to train and qualify its officers on their assigned firearms		2016-2017	Mills Harris Road	Design