

Completed Stormwater CIP Projects

Year	Project	Identification Source	Status	Cost	Description
2009	Camden Rd Drainage Improvements	Internal Drainage Investigation	Complete	\$195,078	Installation of pipe, catch basins, drop inlets, and outfall on Camden Rd near Woodsdale St
2009	Eutaw Shopping Center Repair	Internal Drainage Investigation	Complete	\$74,175	Pipe and inlet improvements off Stamper Rd at Eutaw Shopping Center
2009	Greenock Ave Drainage	Internal Drainage Investigation	Complete	\$257,127	Removal of 36" pipe downstream of Greenock Ave culvert and installation of 54" RCP from Greenock Ave to Arran Lake
2009	Hillside Avenue Repair	Internal Drainage Investigation	Complete	\$237,142	Removal of 12" and 15" terra cotta pipe and installation of new 15" and 18" RCP, catch basin, and manhole
2009	Kerrow Road Hoke Loop Drainage	Internal Drainage Investigation	Complete	\$5,114	Installation of 15" RCP on Kerrow Rd near Hoke Loop Rd
2010	Skye Drive	Internal Drainage Investigation	Complete	\$281,507	Installation of underground stormwater detention under student parking areas on the FTCC campus
2010	Swainey Ave Drainage	Internal Drainage Investigation	Complete	\$171,808	Construction of roadside swales along Swainey Ave, Helen St, Spivey St, and Stansfield Dr; intallation of new pipe and outfall near Johnson St; construction of dry pond off Johnson St
2010	Conestoga Dr Drainage	Internal Drainage Investigation	Complete	\$34,482	Drainage improvements near the intersection of Conestoga Dr and Richardson Ave
2010	Little Drive Drainage	Internal Drainage Investigation	Complete	\$107,648	Installation of drainage infrastructure (pipe and swale) along Little Drive north of Raeford Road
2010	Media Drive Stormwater	Internal Drainage Investigation	Complete	\$183,583	Improvements to drainage system at Media Drive between Radnor St and 71st School Rd
2010	Murchison Rd & Cumberland St Drainage	Internal Drainage Investigation	Complete	\$77,977	Improvements to the pipe system near the intersection of Murchison Rd and Cumberland St and the outfall at Cross Creek
2010	Redwood and Boros Drainage	Internal Drainage Investigation	Complete	\$239,366	Pipe system improvements near Redwood Dr and Bayleaf Dr in Lafayette Village neighborhood and off Boros Road
2010	Remington Rd Drainage	Internal Drainage Investigation	Complete	\$49,783	Replacement of 24" RCP near Remington Road
2010	Stonebrook Outfall Improvements	Internal Drainage Investigation	Complete	\$72,227	Improvements to Branson Creek outfall near Stonebrook Place
2010	Chicago Dr Pipe Replacement	Internal Drainage Investigation	Complete	\$2,967	Joint project between City, Cumberland County Schools, and a private property owner to upgrade storm drainage system at property on Chicago Drive.
2010	East Park Dr Gabions & Renovation	Internal Drainage Investigation	Complete	\$3,301	Stream bank stabilization and installation of Gabions near East Park Drive
2011	Rogers Drive	Internal Drainage Investigation	Complete	\$28,905	Stream bank stabilization near Rogers Drive in Forest Hills neighborhood
2011	Lyon Road	Internal Drainage Investigation	Complete	\$122,141	Installation of culvert underneath Lyon Rd. and pipe between Lyon Rd and McKimmon Rd in Forest Hills neighborhood
2011	Summerhill Drainage	PWC Annexation Drainage Study	Complete	\$1,053,818	Installation/improvement of drainage system in annexed area
2011	Norwood St Drainage	Internal Drainage Investigation	Complete	\$33,711	Pipe replacement and outfall improvements at Norwood St and Pine Hill Rd
2011	Ancon Drive Drainage	Internal Drainage Investigation	Complete	\$33,711	Pipe installation near Ancon Drive
2012	Lockwood Road Drainage	Internal Drainage Investigation	Complete	\$62,345	Installation of drop inlets behind private property and upsizing of pipe off Lockwood Rd adjacent to Branson Creek Hybart's Branch
2012	Ravenhill Drive Drainage	Internal Drainage Investigation	Complete	\$154,159	Drainage improvements at Ravenhill Drive near Tallywood Lake.

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2012	Anson Pond (Chesapeake)	Internal Drainage Investigation	Complete	\$322,791	Replacement of the culvert under Chesapeake Rd at Anson Pond and installation of gabions at the outfall
2012	Seabrook Drainage	Internal Drainage Investigation	Complete	\$375,010	Installation/improvement of drainage system to address flooding of street, yards, and private properties near the intersection of Seabrook & Broadwell. Project was split into two phases.
2012	Spruce Dr (Lafayette Village)	Lafayette Village Neighborhood Study	Complete	\$2,359,199	Replacement of undersized pipes and outfall, extension of pipes to areas with no drainage infrastructure, and improvements to roadside swales within the Spruce Dr sub-basin.
2012	Cottonade Drainage	Internal Drainage Investigation	Complete	\$495,482	Installation of a new primary storm drainage system in the Cottonade subdivision, near Yadkin Rd and Fort Bragg. The existing system became the parallel secondary system.
2012	Annexation 8	PWC Annexation Drainage Study	Complete	\$218,226	Installation/improvement of drainage system in annexed area
2012	Annexation 10 East	PWC Annexation Drainage Study	Complete	\$99,559	Installation/improvement of drainage system in annexed area
2012	Annexation 10 West	PWC Annexation Drainage Study	Complete	\$106,181	Installation/improvement of drainage system in annexed area
2012	Rutherglen/Rhemish - Annexation 11	PWC Annexation Drainage Study	Complete	\$41,442	Installation/improvement of drainage system in annexed area
2012	Arran Hills/Park - Annexation 11 South	PWC Annexation Drainage Study	Complete	\$107,704	Installation/improvement of drainage system in annexed area
2012	Annexation 12	PWC Annexation Drainage Study	Complete	\$31,670	Installation/improvement of drainage system in annexed area
2012	Annexation 13	PWC Annexation Drainage Study	Complete	\$76,368	Installation/improvement of drainage system in annexed area
2012	Raeford Faison System	Buckhead Creek Watershed Study	Complete	\$218,921	Installation of pipe, inlets, and junction boxes to reroute drainage along Faison Avenue to an existing system flowing to Ireland Drive. Project alleviates flooding on Faison due to backwater from Raeford Rd pipe system.
2012	Montclair System	Buckhead Creek Watershed Study	Complete	\$257,981	Installation of upsized pipe, additional inlets, junction box, and headwall to alleviate flooding along Wellington Dr, Montclair Rd, and Stoneykirk Dr.
2012	Godfrey Outfall	PWC Annexation Drainage Study	Complete	\$1,687,583	Installation of culvert underneath Reilly Rd and improvements to pipe system in adjacent neighborhood
2012	James Creek @ Trayburn Drainage	Internal Drainage Investigation	Complete	\$49,755	Performed drainage system improvements in response to neighborhood flooding complaints
2012	Annexation Area 15	PWC Annexation Drainage Study	Complete	\$26,487	Installation/improvement of drainage system in annexed area
2013	Spruce St Phl (Forest Hills Culvert)	Forest Hills Neighborhood Study	Complete	\$630,434	Replacement of culvert at Forest Hills Dr
2013	McNeill Circle Drainage	Internal Drainage Investigation	Complete	\$1,917,162	Phase 1 included installation of stormwater pipe beneath bragg blvd and extending along Barrington Cr, Ft Bragg Rd, and eastern McNeill Circle. Phase 2 included installation of pipe along western McNeill Circle to Marshall Rd.
2013	North Edgewater Dr	Internal Drainage Investigation	Complete	\$52,621	Relocation of curb due to bank instability, installation of pipe and catch basins
2013	Murray Hill Rd Culvert & Branson Creek Restoration	Branson Creek Watershed Study	Complete	\$600,398	Replacement of undersized culvert at Murray Hill and Branson Creek and restoration of the Creek downstream
2014	Westmont Dr	Internal Drainage Investigation	Complete	\$4,920	Replacement of dilapidated terra cotta storm pipe with corrugated HDPE pipe at Westmont Dr and Rockledge Ave
2014	Annexation Area 14	PWC Annexation Drainage Study	Complete	\$44,455	Installation/improvement of drainage in annexed area

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2016	Yadkin Road Phase I	Internal Drainage Investigation	Complete	\$1,015,051	Replacement of culvert at Glen Canyon Drive
2016	Buckhead Kingsford	Buckhead Creek Watershed Study	Complete	\$1,801,608	Installation of upsized pipe, additional pipe, additional customized inlets and junction boxes, and headwall to alleviate flooding along Murray Hill Road, Levenhall Drive, and Ferncreek Drive in the Buckhead and Kingsford neighborhoods.
2017	Person St Stormwater	Streetscape	Complete	\$581,814	Pervious pavement, bio-infiltration bump outs, filterra units, and silva cells were incorporated into a "green street" streetscape, providing stormwater control within the right-of-way
2017	Bonnie Doone Area 1	Bonnie Doone Neighborhood Study	Complete	\$625,407	Pipe system improvements along Fieldcrest Drive with system collection points at the dead end of Squirrel Street and Allwood Drive. The outfall was relocated to the Fieldcrest Drive dead-end to avoid pipe system replacement along Wheeling Street.
2017	Emergency Repair at McGilvary	Emergency - Referred by Maintenance	Complete	\$278,984	Replacement of failing stormwater pipes along McGilvary St. from Mclver St. to Bradford Ave. PWC relocated 12" water main.
2017	Bonnie Doone Area 12	Bonnie Doone Neighborhood Study	Complete	\$142,350	Roadway gutter improvements and installation of infiltration basins along the east side of Stansfield Drive and in areas along Johnson Street.
2017	Dandridge Dr	Internal Drainage Investigation	Complete	\$32,000	Installation of 15" drainage pipe and additional catch basins along Dandridge Dr
2017	Delliert Dr	Internal Drainage Investigation	Complete	\$43,029	Installation of 24" storm pipe and catch basin between two properties on Delliert Ct.
2017	Ashbrook Dr	Internal Drainage Investigation	Complete	\$40,000	Re-grading of 140 LF of channel and bank stabilization
2017	Devane St	Internal Drainage Investigation	Complete	\$44,620	Installation of additional catch basins to the existing system and replacement of weathered/damaged curbing.
2017	Chester Circle	Internal Drainage Investigation	Complete	\$32,120	Installation of additional catch basins to the existing system and replacement of weathered/damaged curbing.
2018	Coventry Rd Culvert & Floodplain Bench	Buckhead Creek Watershed Study	Complete	\$1,348,847	Installation of two additional box culverts at Coventry Road and Buckhead Creek. Creation of floodplain bench and installation of floodwalls downstream of Coventry Rd.
2018	Ferncreek Norwood System	Buckhead Creek Watershed Study	Complete	\$112,350	Improvements to the pipe system at Ferncreek Drive to alleviate flooding along Ferncreek Drive and Norwick Drive, as well as improve the outfall from Ferncreek Drive to Buckhead Creek in this area
2018	Market House Square Drainage	PWC Project	Complete	\$322,000	Replacement of existing drainage infrastructure around the Market House in downtown Fayetteville.
2018	Landau 1	Internal Drainage Investigation	Complete	\$38,000	Installation of additional catch basins to increase catchment along the sag of the road at 1033 Landau Rd
2018	Landau 2	Internal Drainage Investigation	Complete	\$100,000	Upsize of existing storm system and channel grading at the intersection of Landau Rd and Rose Hill Road
2018	Rock Canyon Dr	Internal Drainage Investigation	Complete	\$49,300	Installation of additional catch basins to the existing system and replacement of weathered/damaged curbing.

Total Number of Completed Projects	62
Total Cost of Completed Projects	\$19,813,903