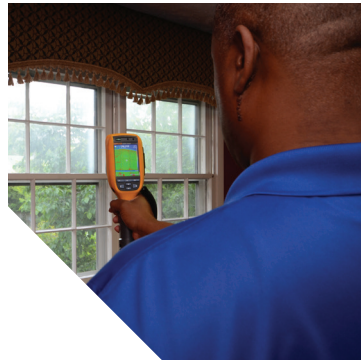


Service Strong



Capital Improvement Program 2021-2030

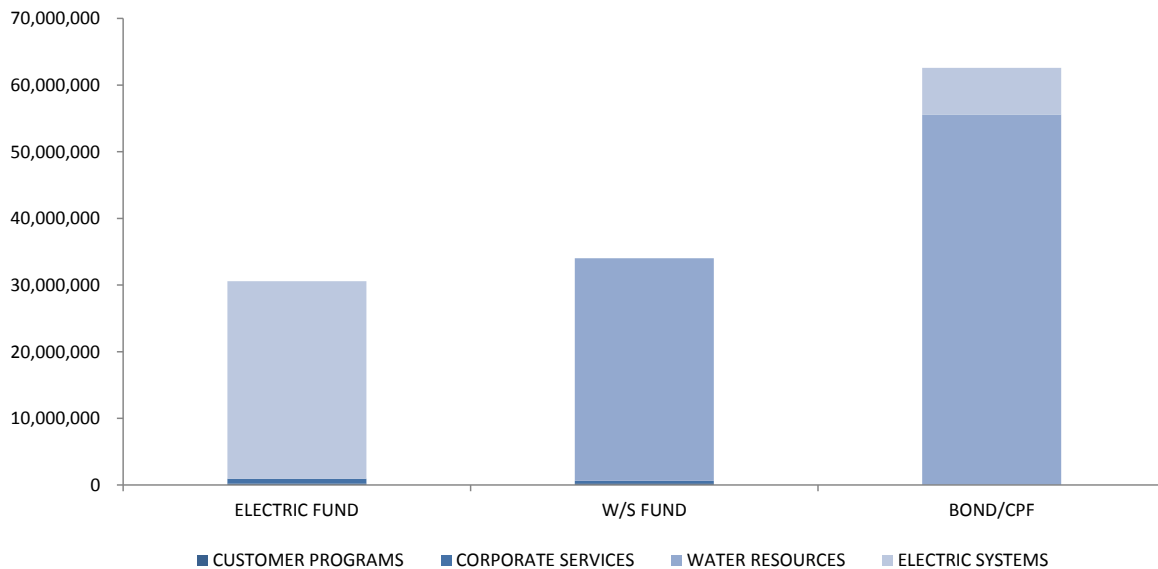
Fayetteville Public Works Commission



CIP BY CATEGORY ALL FUNDS

| DIVISION | ACCOUNT | ELECTRIC FUND | W/S FUND | ELECTRIC & W/S FUNDS | BOND FUND / | TOTAL ALL FUNDS |
|------------------------------|---------------------------------|-------------------|-------------------|----------------------|---------------------|--------------------|
| | | | | | NC STATE LOAN / CPF | |
| CUSTOMER PROGRAMS | ELECTRIC DISTRIBUTION | 215,000 | | 215,000 | | 215,000 |
| | WATER DISTRIBUTION | | 283,000 | 283,000 | | 283,000 |
| | TOTAL CUSTOMER PROGRAMS | 215,000 | 283,000 | 498,000 | | 498,000 |
| CORPORATE SERVICES | STRUCTURES & IMPROVEMENTS | 720,000 | 350,000 | 1,070,000 | | 1,070,000 |
| | TOTAL CORPORATE SERVICES | 720,000 | 350,000 | 1,070,000 | | 1,070,000 |
| WATER RESOURCES | LAND & LAND RIGHTS-W/S | | 40,000 | 40,000 | | 40,000 |
| | WATER DISTRIBUTION | | 14,971,000 | 14,971,000 | 5,303,000 | 20,274,000 |
| | SANITARY SEWER COLLECTION | | 13,948,000 | 13,948,000 | 46,995,000 | 60,943,000 |
| | GLENVILLE LAKE PLANT | | | | | |
| | P.O. HOFFER WATER PLANT | | | | 3,256,000 | 3,256,000 |
| | CROSS CREEK TRMT. PLANT | | | | | |
| | ROCKFISH TRMT. PLANT | | 4,415,000 | 4,415,000 | 40,000 | 4,455,000 |
| TOTAL WATER RESOURCES | | 33,374,000 | 33,374,000 | 55,594,000 | 88,968,000 | |
| ELECTRIC SYSTEMS | LAND & LAND RIGHTS-ELEC | 150,000 | | 150,000 | | 150,000 |
| | GENERATION PLANT | 6,280,000 | | 6,280,000 | | 6,280,000 |
| | TRANSMISSION PLANT | 5,200,000 | | 5,200,000 | | 5,200,000 |
| | DISTRIBUTION PLANT | 16,400,000 | | 16,400,000 | 7,000,000 | 23,400,000 |
| | TELECOM-CABLE INFRASTRUCTURE | 600,000 | | 600,000 | | 600,000 |
| | COMMUNICATIONS EQUIPMENT | 250,000 | | 250,000 | | 250,000 |
| | INHOUSE COMPUTER SYSTEMS | 750,000 | | 750,000 | | 750,000 |
| | TOTAL ELECTRIC SYSTEMS | 29,630,000 | | 29,630,000 | 7,000,000 | 36,630,000 |
| TOTAL CIP | | 30,565,000 | 34,007,000 | 64,572,000 | 62,594,000 | 127,166,000 |

FY 2021 CIP FUNDING SOURCE BY DIVISION



PROJECT FUNDING SUMMARY

| REF. # | 2021 PROJECT LISTING | ELECTRIC FUND | W/S FUND | BOND FUND / NC DOT RESERVE / CPF | TOTAL |
|---------------------------|--|------------------|-------------------|--|-------------------|
| CUSTOMER PROGRAMS | | | | | |
| CP 1 | Electric Meters and Metering Equipment | 215,000 | - | - | 215,000 |
| | ELECTRIC DISTRIBUTION | 215,000 | - | - | 215,000 |
| CP 2 | Water Meters | - | 283,000 | - | 283,000 |
| | WATER DISTRIBUTION | - | 283,000 | - | 283,000 |
| | TOTAL CUSTOMER PROGRAMS | 215,000 | 283,000 | - | 498,000 |
| CORPORATE SERVICES | | | | | |
| CS 2 | Fleet Bay Expansion | 205,000 | 205,000 | - | 410,000 |
| CS 4 | Upgrade Warehouse Yard | 50,000 | 50,000 | - | 100,000 |
| CS 5 | Replace Fuel Island Diesel Storage Tank | 95,000 | 95,000 | - | 190,000 |
| CS 6 | Emergency Operations Facility | 220,000 | - | - | 220,000 |
| CS 7 | Relocate King Street Pole Yard | 150,000 | - | - | 150,000 |
| | STRUCTURES & IMPROVEMENTS | 720,000 | 350,000 | 0 | 1,070,000 |
| | TOTAL CORPORATE SERVICES | 720,000 | 350,000 | - | 1,070,000 |
| WATER RESOURCES | | | | | |
| WS 1 | Land and Land Rights - Water | - | 20,000 | - | 20,000 |
| WS 45 | Land and Land Rights - Sewer | - | 20,000 | - | 20,000 |
| | LAND & LAND RIGHTS | - | 40,000 | - | 40,000 |
| WS 2 | New Water Service Laterals and Water Main Extensions | - | 600,000 | - | 600,000 |
| WS 3 | Water Lateral Renewals (PWC Forces) | - | 900,000 | - | 900,000 |
| WS 4 | New Hydrant and Valve Installation | - | 125,000 | - | 125,000 |
| WS 5 | Water Distribution System Rehabilitation | - | 6,000,000 | - | 6,000,000 |
| WS 7 | Phase V Annexation - Water Main Extension | - | - | 4,010,000 | 4,010,000 |
| WS 8 | Replace Existing Water Mains not Encased Under Railroad Crossings | - | 890,000 | - | 890,000 |
| WS 9 | Chicken Foot Road 16" Water Main Interconnect | - | 678,000 | - | 678,000 |
| WS 10 | West Fayetteville Pressure Zone Improvements | - | 210,000 | - | 210,000 |
| WS 12 | Cliffdale Road Transmission Water Main Improvements | - | 930,000 | - | 930,000 |
| WS 14 | US HWY 401 North - Booster Pump Station (Contract 2) | - | - | 670,000 | 670,000 |
| WS 15 | US HWY 401 North - Elevated Water Tank (Contract 3) | - | - | 18,000 | 18,000 |
| WS 16 | High Pressure Zone Transmission Water Main Improvements | - | 265,000 | - | 265,000 |
| WS 26 | Utility Improvements for City of Fayetteville Storm Drainage Improvements - W: | - | 150,000 | - | 150,000 |
| WS 27 | Hurricane Matthew Improvement of Water Mains | - | - | 605,000 | 605,000 |
| WS 28 | Utility Improvements for the Town of Hope Mills Stormwater Projects - Water | - | 25,000 | - | 25,000 |
| WS 29 | Utility Improvements for NCDOT Resurfacing and Stormwater | - | 50,000 | - | 50,000 |
| WS 30 | NCDOT U-6001 NC 59 Widening, Parkton Road to US 301 - Water | - | 330,000 | - | 330,000 |
| WS 33 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks Drive to Fairway E | - | 585,000 | - | 585,000 |
| WS 34 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South of US 401 to South | - | 18,000 | - | 18,000 |
| WS 35 | NCDOT U-4403 Ramsey Street Widening - Water | - | 1,000,000 | - | 1,000,000 |
| WS 36 | NCDOT U-4404 Cliffdale Road Widening - Water | - | 180,000 | - | 180,000 |
| WS 37 | NCDOT U-4900 Murchison Road Widening - Water | - | 530,000 | - | 530,000 |
| WS 39 | DOTR U-5798 A - Gillis Hill Rd Widening - Water | - | 200,000 | - | 200,000 |
| WS 40 | NCDOT U-5798 B - Gillis Hill Road Widening - Water | - | 205,000 | - | 205,000 |
| WS 41 | NCDOT U-3422 Camden Rd Widening - Water | - | 1,000,000 | - | 1,000,000 |
| WS 42 | NCDOT U-2519A A/AB - Fayetteville Outer Loop from South of SR 1003 (Cam | - | 20,000 | - | 20,000 |
| WS 43 | NCDOT U-4414 - All American Freeway Widening from Owen Drive (SR 1151) | - | 50,000 | - | 50,000 |
| WS 44 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Water | - | 30,000 | - | 30,000 |
| | WATER DISTRIBUTION | - | 14,971,000 | 5,303,000 | 20,274,000 |
| WS 46 | New Sewer Service Laterals and Sewer Main Extensions | - | 480,000 | - | 480,000 |
| WS 47 | Sewer Lateral Renewals (PWC Forces) | - | 750,000 | - | 750,000 |
| WS 48 | Lift Station Rehabilitation | - | 610,000 | - | 610,000 |
| WS 49 | Sanitary Sewer Manhole Rehabilitation | - | 2,100,000 | - | 2,100,000 |
| WS 50 | Sanitary Sewer Main Rehabilitation | - | 6,000,000 | - | 6,000,000 |
| WS 51 | Line 54" Outfall - Research Drive to I-95 | - | 5,000 | - | 5,000 |
| WS 52 | Rockfish Creek Basin Peak Flow Facilities | - | 98,000 | 5,500,000 | 5,598,000 |

PROJECT FUNDING SUMMARY

| <i>REF. #</i> | <i>2021 PROJECT LISTING</i> | <i>ELECTRIC FUND</i> | <i>W/S FUND</i> | <i>BOND FUND / NC DOT RESERVE / CPF</i> | <i>TOTAL</i> |
|----------------------------------|--|----------------------|-------------------|---|-------------------|
| WS 53 | Freedom Town Center Sewer Replacement | - | 540,000 | - | 540,000 |
| WS 54 | Kennedy Street Aerial Sewer Replacement | - | 211,000 | - | 211,000 |
| WS 55 | Phase V Annexation | - | - | 29,777,000 | 29,777,000 |
| WS 56 | Replacement of the Shadowlawn Aerial Sewer Crossing | - | 185,000 | - | 185,000 |
| WS 61 | Murchison Road Sewer Improvements, (Jasper St. to Murchison Rd.) | - | 5,000 | - | 5,000 |
| WS 66 | Line the Cross Creek Outfall, Blue Street to Gale Street | - | - | 2,595,000 | 2,595,000 |
| WS 67 | Replacement of the Cross Creek Outfall, Greensboro Street to Hillsboro Street | - | 315,000 | - | 315,000 |
| WS 76 | Big Rockfish Sanitary Sewer Outfall | - | 180,000 | 8,247,000 | 8,427,000 |
| WS 77 | Big Rockfish Sanitary Sewer Outfall - Lift Station Eliminations | - | 10,000 | 386,000 | 396,000 |
| WS 78 | Sewer Main Rehab - Mintz Pond and Kornbow Lake | - | 5,000 | - | 5,000 |
| WS 80 | North Fayetteville Lift Station Upgrades - Phase 4 | - | 210,000 | - | 210,000 |
| WS 88 | Longview Lift Station and Force Main Upgrade | - | 45,000 | - | 45,000 |
| WS 89 | Hurricane Matthew Improvement of Sewer Mains | - | - | 450,000 | 450,000 |
| WS 90 | Utility Improvements for City of Fayetteville Storm Drainage Improvements - Se | - | 100,000 | - | 100,000 |
| WS 91 | Utility Improvements for the Town of Hope Mills Stormwater Projects - Sewer | - | 25,000 | - | 25,000 |
| WS 92 | Utility Improvements for NCDOT Resurfacing and Stormwater Projects - Sewer | - | 10,000 | - | 10,000 |
| WS 94 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South of US 401 to South | - | 10,000 | - | 10,000 |
| WS 95 | NCDOT U-4403 Ramsey Street Widening - Sewer | - | 340,000 | - | 340,000 |
| WS 96 | NCDOT U-4404 Cliffdale Road Widening - Sewer | - | 70,000 | - | 70,000 |
| WS 97 | NCDOT U-4900 Murchison Road Widening - Sewer | - | 170,000 | - | 170,000 |
| WS 99 | DOTR U-5798 A - Gillis Hill Rd Widening - Sewer | - | 63,000 | 20,000 | 83,000 |
| WS 100 | NCDOT U-5798 B - Gillis Hill Road Widening - Sewer | - | 43,000 | 20,000 | 63,000 |
| WS 101 | NCDOT U-3422 Camden Rd Widening - Sewer | - | 120,000 | - | 120,000 |
| WS 103 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks Drive to Fairway L | - | 1,220,000 | - | 1,220,000 |
| WS 104 | NCDOT U-4414 - All American Freeway Widening from Owen Dr (SR 1151) to | - | 18,000 | - | 18,000 |
| WS 105 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - Sewer | - | 10,000 | - | 10,000 |
| SANITARY SEWER COLLECTION | | - | 13,948,000 | 46,995,000 | 60,943,000 |
| WS 23 | PO Hoffer WTF Capacity Expansion, Phase 3 – Residuals Facilities Expansion | - | - | 315,000 | 315,000 |
| WS 25 | PO Hoffer WTP / Glenville Lake WTP Reliability Improvements | - | - | 2,941,000 | 2,941,000 |
| P.O. HOFFER WATER PLANT | | - | - | 3,256,000 | 3,256,000 |
| WS 84 | Rockfish Creek WRF Expansion Phase 3 | - | - | 40,000 | 40,000 |
| WS 85 | Rockfish Creek WRF Screening Improvements | - | 1,870,000 | - | 1,870,000 |
| WS 106 | Replace Standby Power Generator at the Rockfish Creek WRF | - | 2,545,000 | - | 2,545,000 |
| ROCKFISH TREATMENT PLANT | | - | 4,415,000 | 40,000 | 4,455,000 |
| TOTAL WATER RESOURCES | | - | 33,374,000 | 55,594,000 | 88,968,000 |
| ELECTRIC SYSTEMS | | | | | |
| EL 38 | ROW Additions Distribution | 150,000 | - | - | 150,000 |
| LAND AND LAND RIGHTS | | 150,000 | - | - | 150,000 |
| EL 45 | Heat Exchanger Upgrade | 430,000 | - | - | 430,000 |
| EL 46 | BWGP Heat Recovery Steam Generator Boiler Tube Replacement | 5,000,000 | - | - | 5,000,000 |
| EL 47 | BWGP Water Purification System | 350,000 | - | - | 350,000 |
| EL 48 | Battery Storage | 500,000 | - | - | 500,000 |
| GENERATION PLANT | | 6,280,000 | - | - | 6,280,000 |
| EL 21 | Sub-Transmission Pole Replacement | 1,500,000 | - | - | 1,500,000 |
| EL 23 | 66 kV System Sectionalizing Improvements | 300,000 | - | - | 300,000 |
| EL 25 | T/D Sub Differential and Back-Up Overcurrent Relay Replacement | 150,000 | - | - | 150,000 |
| EL 39 | POD V 230-66 kV Substation Property Acquisition | 3,000,000 | - | - | 3,000,000 |
| EL 40 | POD I 230 kV Switch Replacement | 250,000 | - | - | 250,000 |
| TRANSMISSION PLANT | | 5,200,000 | - | - | 5,200,000 |
| EL 1 | Underground Distribution Infrastructure Installations – New | 1,500,000 | - | - | 1,500,000 |
| EL 2 | Overhead Infrastructure Installation - New | 25,000 | - | - | 25,000 |
| EL 3 | LED Area Lights - New Installations | 450,000 | - | - | 450,000 |
| EL 4 | LED Area Lights - Replacements/Conversion | 100,000 | - | - | 100,000 |
| EL 5 | Padmount Transformers | 1,000,000 | - | - | 1,000,000 |

PROJECT FUNDING SUMMARY

| REF. # | 2021 PROJECT LISTING | ELECTRIC FUND | W/S FUND | BOND FUND / NC DOT RESERVE / CPF | TOTAL |
|-------------------------------------|--|-------------------|-------------------|--|--------------------|
| EL 6 | Overhead Transformers | 400,000 | - | - | 400,000 |
| EL 7 | Underground Infrastructure Replacement - Residential | 2,500,000 | - | - | 2,500,000 |
| EL 8 | Underground Infrastructure Replacement - Non Residential | 500,000 | - | - | 500,000 |
| EL 9 | Underground Distribution Infrastructure Replacements (Non-Cable) | 850,000 | - | - | 850,000 |
| EL 10 | UG Feeder Exit Replacement Substations | 500,000 | - | - | 500,000 |
| EL 11 | Overhead Distribution System Circuit Improvements | 75,000 | - | - | 75,000 |
| EL 12 | Distribution System Sectionalizing | 700,000 | - | - | 700,000 |
| EL 13 | Overhead Infrastructure Improvements | 1,000,000 | - | - | 1,000,000 |
| EL 14 | Thoroughfare LED Lighting - New Installations | 50,000 | - | - | 50,000 |
| EL 15 | Thoroughfare LED Roadway Lighting-Conversion | 200,000 | - | - | 200,000 |
| EL 16 | Conservation Load Reduction (CVR) | 500,000 | - | - | 500,000 |
| EL 17 | System Reactive Power Compensation | 600,000 | - | - | 600,000 |
| EL 20 | Distribution Automation | 750,000 | - | - | 750,000 |
| EL 22 | Distribution Circuit Breaker Replacement | 350,000 | - | - | 350,000 |
| EL 24 | Distribution Substation Equipment Replacement | 100,000 | - | - | 100,000 |
| EL 26 | T/D Sub 66 kV Power Transformer Protection Equipment Upgrade | 400,000 | - | - | 400,000 |
| EL 27 | T/D Substation Control Building Replacement | 400,000 | - | - | 400,000 |
| EL 29 | Bordeaux 67-12 kV Substation Rebuild | - | - | 100,000 | 100,000 |
| EL 30 | Black & Decker Substation Rebuild | - | - | 2,000,000 | 2,000,000 |
| EL 31 | Cumberland Road 66 -12 kV Substation Rebuild | - | - | 100,000 | 100,000 |
| EL 32 | PO Hoffer 66-12 kV Substation Rebuild | - | - | 1,000,000 | 1,000,000 |
| EL 33 | FTI 66-12 kV Substation Rebuild and Relocation | - | - | 50,000 | 50,000 |
| EL 35 | Distribution Substation 66-12 kV Power Transformer | - | - | 1,750,000 | 1,750,000 |
| EL 41 | Downtown UG Infrastructure Reliability Improvements | 1,000,000 | - | - | 1,000,000 |
| EL 42 | Underground Distribution / Streetscape Improvement | 50,000 | - | - | 50,000 |
| EL 52 | NCDOT Rowan Street Bridge Replacement | 250,000 | - | - | 250,000 |
| EL 53 | NCDOT U-4405 Raeford Road Widening | - | - | 2,000,000 | 2,000,000 |
| EL 54 | NCDOT U-4403B Ramsey Street Widening | 500,000 | - | - | 500,000 |
| EL 55 | NCDOT U-5798A Gillis Hill Road Widening | 1,100,000 | - | - | 1,100,000 |
| EL 56 | NCDOT U-5798B Gillis Hill Road Widening | 250,000 | - | - | 250,000 |
| EL 60 | NCDOT U-4403C Ramsey Street Widening US 401 By-Pass to Slocomb Road | 300,000 | - | - | 300,000 |
| DISTRIBUTION PLANT | | 16,400,000 | - | 7,000,000 | 23,400,000 |
| EL 18 | Fiber Optic Cable Line Extensions for Electric System Automation PWC Smart | 600,000 | - | - | 600,000 |
| TELECOM-CABLE INFRASTRUCTURE | | 600,000 | - | - | 600,000 |
| EL 19 | SONET Communications for Smart Grid | 250,000 | - | - | 250,000 |
| COMMUNICATIONS EQUIPMENT | | 250,000 | - | - | 250,000 |
| EL 44 | DMS Software and Implementation | 750,000 | - | - | 750,000 |
| INHOUSE COMPUTER SYSTEMS | | 750,000 | - | - | 750,000 |
| TOTAL ELECTRIC SYSTEMS | | 29,630,000 | - | 7,000,000 | 36,630,000 |
| TOTAL ALL PROJECTS | | 30,565,000 | 34,007,000 | 62,594,000 | 127,166,000 |

SUMMARY BY PROJECT

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|---------------------------------|--|--------------|------------|------------|--------------|--------------|--------------|--------------|--------------|---------------|
| (Dollars in thousands) | | | | | | | | | | |
| CUSTOMER PROGRAMS | | | | | | | | | | |
| CP 1 | Electric Meters and Metering Equipment | 215 | 218 | 220 | 222 | 224 | 1,155 | 228 | 370 | 2,852 |
| CP 2 | Water Meters | 283 | 289 | 297 | 299 | 304 | 1,635 | 384 | 350 | 3,841 |
| TOTAL CUSTOMER PROGRAMS | | 498 | 507 | 517 | 521 | 528 | 2,790 | 612 | 720 | 6,693 |
| CORPORATE SERVICES | | | | | | | | | | |
| CS 1 | Robert C. Williams Business Center Upfit | 0 | 60 | 60 | 60 | 60 | 300 | 20 | 0 | 560 |
| CS 2 | Fleet Bay Expansion | 410 | 0 | 0 | 0 | 0 | 0 | 661 | 8,001 | 9,072 |
| CS 3 | Multipurpose Building | 0 | 0 | 300 | 8,910 | 1,140 | 0 | 0 | 0 | 10,350 |
| CS 4 | Upgrade Warehouse Yard | 100 | 0 | 0 | 0 | 0 | 0 | 424 | 565 | 1,089 |
| CS 5 | Replace Fuel Island Diesel Storage Tank | 190 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 |
| CS 6 | Emergency Operations Facility | 220 | 0 | 0 | 0 | 0 | 0 | 0 | 660 | 880 |
| CS 7 | Relocate King Street Pole Yard | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| TOTAL CORPORATE SERVICES | | 1,070 | 60 | 360 | 8,970 | 1,200 | 300 | 1,105 | 9,226 | 22,291 |
| WATER RESOURCES | | | | | | | | | | |
| WS 1 | Land and Land Rights - Water | 20 | 20 | 20 | 20 | 20 | 100 | 26 | 75 | 301 |
| WS 2 | New Water Service Laterals and Water Main Extensions | 600 | 618 | 636 | 654 | 673 | 3,466 | 605 | 539 | 7,791 |
| WS 3 | Water Lateral Renewals (PWC Forces) | 900 | 945 | 992 | 1,042 | 1,095 | 5,749 | 899 | 800 | 12,422 |
| WS 4 | New Hydrant and Valve Installation | 125 | 128 | 130 | 133 | 136 | 694 | 146 | 113 | 1,605 |
| WS 5 | Water Distribution System Rehabilitation | 6,000 | 6,750 | 7,500 | 8,500 | 9,500 | 62,050 | 5,280 | 5,147 | 110,727 |
| WS 6 | Braxton Road 12" Water Main Extension | 0 | 0 | 85 | 385 | 130 | 0 | 0 | 0 | 600 |
| WS 7 | Phase V Annexation - Water Main Extension | 4,010 | 2,121 | 1,695 | 2,461 | 3,680 | 3,704 | 539 | 562 | 18,772 |
| WS 8 | Replace Existing Water Mains not Encased Under Railroad | 890 | 975 | 980 | 1,005 | 705 | 0 | 553 | 796 | 5,904 |
| WS 9 | Chicken Foot Road 16" Water Main Interconnect | 678 | 677 | 0 | 0 | 0 | 0 | 67 | 114 | 1,536 |
| WS 10 | West Fayetteville Pressure Zone Improvements | 210 | 2,960 | 5,520 | 2,370 | 0 | 0 | 0 | 0 | 11,060 |
| WS 11 | Sandhill Road 12" Water Main Extension | 0 | 0 | 150 | 585 | 450 | 0 | 0 | 0 | 1,185 |
| WS 12 | Cliffdale Road Transmission Water Main Improvements | 930 | 720 | 0 | 0 | 0 | 0 | 0 | 130 | 1,780 |
| WS 13 | Hillsboro Street Water Main Replacement | 0 | 0 | 0 | 115 | 225 | 695 | 0 | 0 | 1,035 |
| WS 14 | US HWY 401 North - Booster Pump Station (Contract 2) | 670 | 0 | 0 | 0 | 0 | 0 | 273 | 1,017 | 1,960 |
| WS 15 | US HWY 401 North - Elevated Water Tank (Contract 3) | 18 | 2,100 | 0 | 0 | 0 | 0 | 237 | 10 | 2,365 |
| WS 16 | High Pressure Zone Transmission Water Main Improvement | 265 | 365 | 515 | 3,365 | 2,910 | 0 | 0 | 80 | 7,500 |
| WS 17 | Kings Grant Water Main Looping | 0 | 0 | 0 | 165 | 145 | 555 | 0 | 0 | 865 |
| WS 18 | Gillespie Street Water Main Replacement | 0 | 0 | 160 | 260 | 2,130 | 855 | 0 | 0 | 3,405 |
| WS 19 | Southern Avenue Water Main Replacement, Camden to Gill | 0 | 0 | 0 | 0 | 155 | 2,625 | 0 | 0 | 2,780 |
| WS 20 | Southern Avenue Water Main Replacement, Camden to Gill | 0 | 0 | 0 | 0 | 0 | 3,030 | 0 | 0 | 3,030 |
| WS 21 | Glenville Lake Filter Control Modifications | 0 | 2,145 | 0 | 0 | 0 | 0 | 101 | 5 | 2,251 |
| WS 22 | PO Hoffer WTF Capacity Expansion, Phase 2 | 0 | 0 | 0 | 0 | 60 | 39,615 | 2,837 | 25 | 42,537 |
| WS 23 | PO Hoffer WTF Capacity Expansion, Phase 3 – Residuals F | 315 | 505 | 305 | 8,615 | 7,430 | 0 | 0 | 0 | 17,170 |
| WS 24 | Replace Standby Power Generator at the PO Hoffer WTP | 0 | 0 | 1,985 | 0 | 0 | 0 | 0 | 0 | 1,985 |
| WS 25 | PO Hoffer WTP / Glenville Lake WTP Reliability Improvement | 2,941 | 3,801 | 0 | 0 | 0 | 0 | 0 | 0 | 6,742 |
| WS 26 | Utility Improvements for City of Fayetteville Storm Drainage | 150 | 270 | 270 | 270 | 270 | 1,350 | 145 | 148 | 2,873 |
| WS 27 | Hurricane Matthew Improvement of Water Mains | 605 | 0 | 0 | 0 | 0 | 0 | 425 | 398 | 1,428 |
| WS 28 | Utility Improvements for the Town of Hope Mills Stormwater | 25 | 25 | 25 | 25 | 25 | 125 | 101 | 2 | 353 |
| WS 29 | Utility Improvements for NCDOT Resurfacing and Stormwater | 50 | 50 | 50 | 50 | 50 | 250 | 49 | 5 | 554 |
| WS 30 | NCDOT U-6001 NC 59 Widening, Parkton Road to US 301 | 330 | 1,115 | 1,430 | 60 | 2,960 | 0 | 0 | 111 | 6,006 |
| WS 31 | NCDOT U-6072A SR1112 (Rockfish Rd) from Strickland Bri | 0 | 0 | 0 | 0 | 0 | 661 | 0 | 0 | 661 |
| WS 32 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC | 0 | 0 | 0 | 437 | 956 | 7,906 | 0 | 0 | 9,299 |
| WS 33 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks | 585 | 270 | 370 | 2,840 | 250 | 11,265 | 1,409 | 100 | 17,089 |
| WS 34 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 18 | 15 | 15 | 5,737 | 0 | 0 | 14 | 0 | 5,799 |
| WS 35 | NCDOT U-4403 Ramsey Street Widening - Water | 1,000 | 975 | 250 | 250 | 6,725 | 2,125 | 17 | 531 | 11,873 |
| WS 36 | NCDOT U-4404 Cliffdale Road Widening - Water | 180 | 125 | 110 | 55 | 755 | 0 | 0 | 3 | 1,228 |
| WS 37 | NCDOT U-4900 Murchison Road Widening - Water | 530 | 180 | 185 | 125 | 125 | 5,625 | 0 | 26 | 6,796 |

SUMMARY BY PROJECT

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|------------------------|--|---------|---------|---------|---------|---------|----------|----------------|-----------------|---------------|
| (Dollars in thousands) | | | | | | | | | | |
| WS 38 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening - \ | 0 | 825 | 440 | 170 | 170 | 4,050 | 0 | 0 | 5,655 |
| WS 39 | DOTR U-5798 A - Gillis Hill Rd Widening - Water | 200 | 1,405 | 11 | 0 | 0 | 0 | 0 | 69 | 1,685 |
| WS 40 | NCDOT U-5798 B - Gillis Hill Road Widening - Water | 205 | 180 | 100 | 1,490 | 0 | 0 | 0 | 0 | 1,975 |
| WS 41 | NCDOT U-3422 Camden Rd Widening - Water | 1,000 | 335 | 135 | 11,135 | 0 | 0 | 67 | 157 | 12,829 |
| WS 42 | NCDOT U-2519A A/AB - Fayetteville Outer Loop from South | 20 | 683 | 0 | 0 | 0 | 0 | 6 | 6 | 715 |
| WS 43 | NCDOT U-4414 - All American Freeway Widening from Owe | 50 | 98 | 94 | 25 | 28 | 2,893 | 0 | 0 | 3,188 |
| WS 44 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - V | 30 | 15 | 100 | 70 | 3,035 | 0 | 7 | 38 | 3,295 |
| WS 45 | Land and Land Rights - Sewer | 20 | 20 | 20 | 20 | 20 | 100 | 21 | 19 | 240 |
| WS 46 | New Sewer Service Laterals and Sewer Main Extensions | 480 | 504 | 529 | 555 | 582 | 3,056 | 393 | 455 | 6,554 |
| WS 47 | Sewer Lateral Renewals (PWC Forces) | 750 | 769 | 788 | 808 | 828 | 4,243 | 602 | 730 | 9,518 |
| WS 48 | Lift Station Rehabilitation | 610 | 610 | 0 | 0 | 0 | 0 | 197 | 600 | 2,017 |
| WS 49 | Sanitary Sewer Manhole Rehabilitation | 2,100 | 2,200 | 2,300 | 2,400 | 2,500 | 14,000 | 1,543 | 1,950 | 28,993 |
| WS 50 | Sanitary Sewer Main Rehabilitation | 6,000 | 7,000 | 8,000 | 9,000 | 10,000 | 64,750 | 5,167 | 5,327 | 115,244 |
| WS 51 | Line 54" Outfall - Research Drive to I-95 | 5 | 110 | 610 | 1,810 | 0 | 0 | 2 | 18 | 2,555 |
| WS 52 | Rockfish Creek Basin Peak Flow Facilities | 5,598 | 10,505 | 0 | 0 | 0 | 0 | 1,244 | 626 | 17,973 |
| WS 53 | Freedom Town Center Sewer Replacement | 540 | 545 | 0 | 0 | 0 | 0 | 165 | 15 | 1,265 |
| WS 54 | Kennedy Street Aerial Sewer Replacement | 211 | 0 | 0 | 0 | 0 | 0 | 45 | 156 | 412 |
| WS 55 | Phase V Annexation | 29,777 | 24,735 | 24,141 | 21,564 | 25,170 | 25,450 | 76,501 | 18,240 | 245,578 |
| WS 56 | Replacement of the Shadowlawn Aerial Sewer Crossing | 185 | 1,070 | 0 | 0 | 0 | 0 | 0 | 80 | 1,335 |
| WS 57 | Lamon Street Aerial Sewer Replacement | 0 | 0 | 185 | 1,185 | 1,630 | 0 | 0 | 0 | 3,000 |
| WS 58 | McFadyen Lake Sewer Main Rehabilitation | 0 | 0 | 0 | 0 | 405 | 3,290 | 0 | 0 | 3,695 |
| WS 59 | Line North Street Outfall, Milan Road to Gale Street | 0 | 0 | 0 | 10 | 910 | 0 | 0 | 0 | 920 |
| WS 60 | Old Wilmington Road Sewer Upgrades | 0 | 0 | 0 | 0 | 0 | 3,960 | 6 | 0 | 3,966 |
| WS 61 | Murchison Road Sewer Improvements, (Jasper St. to Murch | 5 | 815 | 815 | 0 | 0 | 0 | 31 | 13 | 1,679 |
| WS 62 | B Street Parallel Sewer | 0 | 0 | 0 | 0 | 30 | 1,475 | 0 | 0 | 1,505 |
| WS 63 | Branson Creek Interceptor Replacement, Phase I | 0 | 35 | 190 | 375 | 880 | 0 | 0 | 0 | 1,480 |
| WS 64 | Branson Creek Interceptor Replacement, Phase II | 0 | 0 | 0 | 55 | 260 | 1,740 | 0 | 0 | 2,055 |
| WS 65 | Rehabilitation of the Blounts Creek Outfall, Campbell to Rus | 0 | 560 | 0 | 0 | 0 | 0 | 0 | 0 | 560 |
| WS 66 | Line the Cross Creek Outfall, Blue Street to Gale Street | 2,595 | 0 | 0 | 0 | 0 | 0 | 542 | 963 | 4,100 |
| WS 67 | Replacement of the Cross Creek Outfall, Greensboro Street | 315 | 3,085 | 525 | 0 | 0 | 0 | 0 | 0 | 3,925 |
| WS 68 | Line Beaver Creek Outfall, Phase II | 0 | 0 | 210 | 2,010 | 0 | 0 | 0 | 0 | 2,220 |
| WS 69 | Line the Beaver Creek Outfall, Phase III | 0 | 0 | 0 | 10 | 510 | 1,205 | 0 | 0 | 1,725 |
| WS 70 | Line Beaver Creek Outfall, Phase IV | 0 | 0 | 0 | 0 | 0 | 1,725 | 0 | 0 | 1,725 |
| WS 71 | Line Beaver Creek Outfall, Phase V | 0 | 0 | 0 | 0 | 0 | 1,725 | 0 | 0 | 1,725 |
| WS 72 | Line Beaver Creek Outfall, Phase VI | 0 | 0 | 0 | 0 | 0 | 210 | 0 | 0 | 210 |
| WS 73 | Line 54" Outfall - I-95 to Claude Lee Road | 0 | 0 | 0 | 10 | 710 | 1,405 | 0 | 0 | 2,125 |
| WS 74 | Line 54-Inch Outfall, Claude Lee Road to Pennystone Drive | 0 | 0 | 0 | 0 | 0 | 2,530 | 0 | 0 | 2,530 |
| WS 75 | Line 54-Inch Outfall, Pennystone Drive to Laurelwood Place | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 |
| WS 76 | Big Rockfish Sanitary Sewer Outfall | 8,427 | 8,780 | 4,029 | 0 | 0 | 0 | 1,109 | 1,994 | 24,339 |
| WS 77 | Big Rockfish Sanitary Sewer Outfall - Lift Station Elimination | 396 | 207 | 1,631 | 2,432 | 0 | 0 | 319 | 858 | 5,843 |
| WS 78 | Sewer Main Rehab - Mintz Pond and Kornbow Lake | 5 | 410 | 710 | 0 | 0 | 0 | 0 | 0 | 1,125 |
| WS 79 | Lift Station Electrical Upgrades | 0 | 35 | 110 | 230 | 985 | 1,060 | 0 | 1 | 2,421 |
| WS 80 | North Fayetteville Lift Station Upgrades - Phase 4 | 210 | 850 | 215 | 0 | 0 | 0 | 0 | 62 | 1,337 |
| WS 81 | Cross Creek WRF Reliability Improvements | 0 | 1,225 | 10,299 | 8,426 | 0 | 0 | 0 | 0 | 19,950 |
| WS 82 | Replace Standby Power Generator at the Cross Creek WRF | 0 | 2,135 | 0 | 0 | 0 | 0 | 0 | 0 | 2,135 |
| WS 83 | Replace Clarifier #3 Mechanism at the Rockfish Creek WRF | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 360 |
| WS 84 | Rockfish Creek WRF Expansion Phase 3 | 40 | 3,609 | 5,758 | 24,353 | 27,829 | 17,401 | 191 | 593 | 79,774 |
| WS 85 | Rockfish Creek WRF Screening Improvements | 1,870 | 565 | 0 | 0 | 0 | 0 | 34 | 220 | 2,689 |
| WS 86 | Replace Rockfish Creek WRF IPS Screw Pumps #1 and #2 | 0 | 15 | 940 | 0 | 0 | 0 | 0 | 0 | 955 |
| WS 87 | Replace Rockfish Creek WRF IPS Screw Pumps #3 and #4 | 0 | 0 | 15 | 940 | 0 | 0 | 0 | 0 | 955 |
| WS 88 | Longview Lift Station and Force Main Upgrade | 45 | 1,060 | 375 | 0 | 0 | 0 | 19 | 120 | 1,619 |
| WS 89 | Hurricane Matthew Improvement of Sewer Mains | 450 | 0 | 0 | 0 | 0 | 0 | 1,897 | 2,759 | 5,106 |
| WS 90 | Utility Improvements for City of Fayetteville Storm Drainage | 100 | 230 | 230 | 230 | 230 | 1,150 | 70 | 43 | 2,283 |
| WS 91 | Utility Improvements for the Town of Hope Mills Stormwater | 25 | 25 | 25 | 25 | 25 | 125 | 91 | 2 | 343 |

SUMMARY BY PROJECT

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------|--|---------------|----------------|---------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| <i>(Dollars in thousands)</i> | | | | | | | | | | |
| WS 92 | Utility Improvements for NCDOT Resurfacing and Stormwat | 10 | 10 | 10 | 10 | 10 | 50 | 40 | 2 | 142 |
| WS 93 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC | 0 | 0 | 0 | 68 | 88 | 563 | 0 | 0 | 719 |
| WS 94 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South c | 10 | 10 | 5 | 753 | 0 | 0 | 10 | 4 | 792 |
| WS 95 | NCDOT U-4403 Ramsey Street Widening - Sewer | 340 | 190 | 140 | 140 | 2,190 | 815 | 312 | 220 | 4,347 |
| WS 96 | NCDOT U-4404 Cliffdale Road Widening - Sewer | 70 | 55 | 40 | 30 | 530 | 0 | 0 | 3 | 728 |
| WS 97 | NCDOT U-4900 Murchison Road Widening - Sewer | 170 | 85 | 85 | 45 | 45 | 1,045 | 0 | 85 | 1,560 |
| WS 98 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening - S | 0 | 320 | 165 | 45 | 45 | 1,320 | 0 | 0 | 1,895 |
| WS 99 | DOTR U-5798 A - Gillis Hill Rd Widening - Sewer | 83 | 803 | 50 | 0 | 0 | 0 | 0 | 10 | 946 |
| WS 100 | NCDOT U-5798 B - Gillis Hill Road Widening - Sewer | 63 | 73 | 40 | 1,020 | 0 | 0 | 0 | 0 | 1,196 |
| WS 101 | NCDOT U-3422 Camden Rd Widening - Sewer | 120 | 80 | 30 | 925 | 0 | 0 | 14 | 24 | 1,193 |
| WS 102 | NCDOT U-6072A SR1112 (Rockfish Rd) from Strickland Bri | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 95 |
| WS 103 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks | 1,220 | 95 | 180 | 350 | 140 | 7,675 | 350 | 149 | 10,159 |
| WS 104 | NCDOT U-4414 - All American Freeway Widening from Owe | 18 | 59 | 73 | 14 | 17 | 1,570 | 0 | 0 | 1,751 |
| WS 105 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - S | 10 | 10 | 20 | 20 | 840 | 0 | 4 | 7 | 911 |
| WS 106 | Replace Standby Power Generator at the Rockfish Creek W | 2,545 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,545 |
| TOTAL WATER RESOURCES | | 88,968 | 105,255 | 87,746 | 132,282 | 122,202 | 323,131 | 104,722 | 47,355 | 1,011,661 |

ELECTRIC SYSTEMS

| | | | | | | | | | | |
|-------|---|-------|-------|-------|-------|-------|--------|-------|-------|--------|
| EL 1 | Underground Distribution Infrastructure Installations – New | 1,500 | 1,600 | 1,650 | 1,700 | 1,750 | 9,500 | 1,873 | 1,400 | 20,973 |
| EL 2 | Overhead Infrastructure Installation - New | 25 | 25 | 25 | 25 | 25 | 125 | 45 | 54 | 349 |
| EL 3 | LED Area Lights - New Installations | 450 | 450 | 450 | 450 | 450 | 2,250 | 369 | 421 | 5,290 |
| EL 4 | LED Area Lights - Replacements/Conversion | 100 | 0 | 0 | 0 | 0 | 0 | 2,735 | 2,200 | 5,035 |
| EL 5 | Padmount Transformers | 1,000 | 1,050 | 1,100 | 1,150 | 1,200 | 6,750 | 929 | 905 | 14,084 |
| EL 6 | Overhead Transformers | 400 | 400 | 400 | 400 | 400 | 2,000 | 270 | 405 | 4,675 |
| EL 7 | Underground Infrastructure Replacement - Residential | 2,500 | 2,750 | 3,000 | 3,250 | 3,500 | 21,250 | 884 | 2,200 | 39,334 |
| EL 8 | Underground Infrastructure Replacement - Non Residential | 500 | 500 | 500 | 550 | 550 | 2,850 | 2,512 | 720 | 8,682 |
| EL 9 | Underground Distribution Infrastructure Replacements (Non- | 850 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 896 | 750 | 11,496 |
| EL 10 | UG Feeder Exit Replacement Substations | 500 | 500 | 500 | 500 | 500 | 2,500 | 186 | 375 | 5,561 |
| EL 11 | Overhead Distribution System Circuit Improvements | 75 | 75 | 75 | 75 | 75 | 375 | 92 | 45 | 887 |
| EL 12 | Distribution System Sectionalizing | 700 | 500 | 250 | 250 | 250 | 1,250 | 4 | 245 | 3,449 |
| EL 13 | Overhead Infrastructure Improvements | 1,000 | 1,250 | 1,250 | 1,500 | 1,500 | 5,250 | 277 | 1,081 | 13,108 |
| EL 14 | Thoroughfare LED Lighting - New Installations | 50 | 50 | 50 | 50 | 50 | 250 | 10 | 0 | 510 |
| EL 15 | Thoroughfare LED Roadway Lighting-Conversion | 200 | 0 | 0 | 0 | 0 | 0 | 464 | 675 | 1,339 |
| EL 16 | Conservation Load Reduction (CVR) | 500 | 500 | 500 | 500 | 50 | 250 | 1,124 | 360 | 3,784 |
| EL 17 | System Reactive Power Compensation | 600 | 200 | 100 | 50 | 25 | 125 | 1,148 | 1,500 | 3,748 |
| EL 18 | Fiber Optic Cable Line Extensions for Electric System Auton | 600 | 500 | 500 | 500 | 500 | 2,500 | 206 | 250 | 5,556 |
| EL 19 | SONET Communications for Smart Grid | 250 | 250 | 250 | 250 | 50 | 150 | 544 | 175 | 1,919 |
| EL 20 | Distribution Automation | 750 | 1,000 | 1,250 | 1,500 | 1,750 | 11,500 | 263 | 355 | 18,368 |
| EL 21 | Sub-Transmission Pole Replacement | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 7,500 | 1,157 | 1,450 | 17,607 |
| EL 22 | Distribution Circuit Breaker Replacement | 350 | 350 | 350 | 350 | 350 | 2,000 | 252 | 345 | 4,347 |
| EL 23 | 66 kV System Sectionalizing Improvements | 300 | 300 | 300 | 300 | 300 | 1,500 | 10 | 275 | 3,285 |
| EL 24 | Distribution Substation Equipment Replacement | 100 | 100 | 100 | 100 | 125 | 625 | 9 | 85 | 1,244 |
| EL 25 | T/D Sub Differential and Back-Up Overcurrent Relay Replac | 150 | 150 | 150 | 150 | 150 | 750 | 93 | 125 | 1,718 |
| EL 26 | T/D Sub 66 kV Power Transformer Protection Equipment Up | 400 | 400 | 400 | 400 | 450 | 2,250 | 683 | 375 | 5,358 |
| EL 27 | T/D Substation Control Building Replacement | 400 | 400 | 400 | 400 | 400 | 2,000 | 0 | 375 | 4,375 |
| EL 28 | Transmission - Distribution Substation Oil Containment Syst | 0 | 100 | 0 | 0 | 0 | 0 | 429 | 0 | 529 |
| EL 29 | Bordeaux 67-12 kV Substation Rebuild | 100 | 0 | 0 | 0 | 0 | 0 | 132 | 2,000 | 2,232 |
| EL 30 | Black & Decker Substation Rebuild | 2,000 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 2,100 |
| EL 31 | Cumberland Road 66 -12 kV Substation Rebuild | 100 | 2,000 | 100 | 0 | 0 | 0 | 0 | 0 | 2,200 |
| EL 32 | PO Hoffer 66-12 kV Substation Rebuild | 1,000 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 2,500 |
| EL 33 | FTI 66-12 kV Substation Rebuild and Relocation | 50 | 1,000 | 2,200 | 500 | 0 | 0 | 0 | 0 | 3,750 |
| EL 34 | CoF Langdon St Widening Project | 0 | 0 | 0 | 300 | 0 | 0 | 0 | 0 | 300 |
| EL 35 | Distribution Substation 66-12 kV Power Transformer | 1,750 | 875 | 875 | 875 | 875 | 4,375 | 0 | 850 | 10,475 |

SUMMARY BY PROJECT

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| (Dollars in thousands) | | | | | | | | | | |
| EL 36 | 230-67kV Auto-Transformer | 0 | 0 | 2,500 | 0 | 0 | 0 | 0 | 0 | 2,500 |
| EL 37 | POD IV 230-66 kV Substation | 0 | 0 | 0 | 0 | 125 | 15,550 | 1,392 | 0 | 17,067 |
| EL 38 | ROW Additions Distribution | 150 | 150 | 150 | 150 | 150 | 750 | 59 | 90 | 1,649 |
| EL 39 | POD V 230-66 kV Substation Property Acquisition | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 3,050 |
| EL 40 | POD I 230 kV Switch Replacement | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 |
| EL 41 | Downtown UG Infrastructure Reliability Improvements | 1,000 | 500 | 0 | 0 | 0 | 0 | 66 | 275 | 1,841 |
| EL 42 | Underground Distribution / Streetscape Improvement | 50 | 50 | 50 | 50 | 50 | 250 | 7 | 0 | 507 |
| EL 43 | CoF Person St 300 - 600 Block Streetscape Improvement | 0 | 0 | 0 | 0 | 0 | 1,650 | 25 | 0 | 1,675 |
| EL 44 | DMS Software and Implementation | 750 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |
| EL 45 | Heat Exchanger Upgrade | 430 | 0 | 0 | 0 | 0 | 0 | 319 | 585 | 1,334 |
| EL 46 | BWGP Heat Recovery Steam Generator Boiler Tube Replac | 5,000 | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| EL 47 | BWGP Water Purification System | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 |
| EL 48 | Battery Storage | 500 | 2,000 | 2,000 | 0 | 0 | 0 | 0 | 0 | 4,500 |
| EL 49 | Renewable Resource Development | 0 | 250 | 250 | 6,000 | 10,000 | 0 | 0 | 0 | 16,500 |
| EL 50 | Bragg Boulevard Gateway Improvement - Phase II | 0 | 0 | 0 | 0 | 0 | 2,300 | 0 | 0 | 2,300 |
| EL 51 | NCDOT U-5015 Murchison Road Improvement | 0 | 0 | 0 | 0 | 0 | 2,000 | 0 | 0 | 2,000 |
| EL 52 | NCDOT Rowan Street Bridge Replacement | 250 | 0 | 0 | 0 | 0 | 0 | 1,889 | 100 | 2,239 |
| EL 53 | NCDOT U-4405 Raeford Road Widening | 2,000 | 250 | 0 | 0 | 0 | 0 | 6,625 | 13,000 | 21,875 |
| EL 54 | NCDOT U-4403B Ramsey Street Widening | 500 | 1,250 | 4,100 | 1,100 | 200 | 0 | 0 | 100 | 7,250 |
| EL 55 | NCDOT U-5798A Gillis Hill Road Widening | 1,100 | 1,200 | 150 | 0 | 0 | 0 | 0 | 100 | 2,550 |
| EL 56 | NCDOT U-5798B Gillis Hill Road Widening | 250 | 1,100 | 1,200 | 150 | 0 | 0 | 0 | 0 | 2,700 |
| EL 57 | NCDOT U-4900 Murchison Road Widening | 0 | 325 | 775 | 150 | 0 | 0 | 0 | 0 | 1,250 |
| EL 58 | NCDOT U-5101 Stacey Weaver Drive Widening | 0 | 100 | 150 | 200 | 225 | 7,000 | 0 | 0 | 7,675 |
| EL 59 | NCDOT U-4404 Cliffdale Road Widening | 0 | 0 | 0 | 0 | 100 | 4,150 | 0 | 0 | 4,250 |
| EL 60 | NCDOT U-4403C Ramsey Street Widening US 401 By-Pass | 300 | 500 | 750 | 750 | 1,250 | 26,000 | 0 | 0 | 29,550 |
| EL 61 | NCDOT U-6133 Cliffdale Road / Skibo Road Intersection Im | 0 | 0 | 0 | 0 | 500 | 1,500 | 0 | 0 | 2,000 |
| EL 62 | NCDOT U-6209 Cliffdale Road Widening | 0 | 0 | 0 | 0 | 0 | 3,950 | 0 | 0 | 3,950 |
| EL 63 | NCDOT U-6213 Ireland Drive Widening | 0 | 0 | 0 | 0 | 0 | 3,250 | 0 | 0 | 3,250 |
| EL 64 | NCDOT U-4900 Murchison Road Widening | 0 | 500 | 1,000 | 2,500 | 250 | 0 | 0 | 0 | 4,250 |
| EL 65 | NCDOT U-6152 Robeson Street Access Management | 0 | 0 | 0 | 0 | 0 | 2,250 | 0 | 0 | 2,250 |
| TOTAL ELECTRIC SYSTEMS | | 36,630 | 34,800 | 32,300 | 29,625 | 30,625 | 165,475 | 27,978 | 34,296 | 391,729 |
| TOTAL ALL PROJECTS | | 127,166 | 140,622 | 120,923 | 171,398 | 154,555 | 491,696 | 134,417 | 91,597 | 1,432,374 |

SUMMARY BY CATEGORY

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------------|---|--------------|--------------|--------------|--------------|--------------|---------------|----------------|-----------------|---------------|
| (Dollars in thousands) | | | | | | | | | | |
| METERS | | | | | | | | | | |
| CP 1 | Electric Meters and Metering Equipment | 215 | 218 | 220 | 222 | 224 | 1,155 | 228 | 370 | 2,852 |
| CP 2 | Water Meters | 283 | 289 | 297 | 299 | 304 | 1,635 | 384 | 350 | 3,841 |
| | TOTAL METERS | 498 | 507 | 517 | 521 | 528 | 2,790 | 612 | 720 | 6,693 |
| BUILDINGS & IMPROVEMENTS | | | | | | | | | | |
| CS 1 | Robert C. Williams Business Center Upfit | 0 | 60 | 60 | 60 | 60 | 300 | 20 | 0 | 560 |
| CS 2 | Fleet Bay Expansion | 410 | 0 | 0 | 0 | 0 | 0 | 661 | 8,001 | 9,072 |
| CS 3 | Multipurpose Building | 0 | 0 | 300 | 8,910 | 1,140 | 0 | 0 | 0 | 10,350 |
| CS 4 | Upgrade Warehouse Yard | 100 | 0 | 0 | 0 | 0 | 0 | 424 | 565 | 1,089 |
| CS 5 | Replace Fuel Island Diesel Storage Tank | 190 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 190 |
| CS 6 | Emergency Operations Facility | 220 | 0 | 0 | 0 | 0 | 0 | 0 | 660 | 880 |
| CS 7 | Relocate King Street Pole Yard | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| | TOTAL BUILDINGS & IMPROVEMENTS | 1,070 | 60 | 360 | 8,970 | 1,200 | 300 | 1,105 | 9,226 | 22,291 |
| INHOUSE COMPUTER SYSTEMS | | | | | | | | | | |
| EL 44 | DMS Software and Implementation | 750 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |
| | TOTAL INHOUSE COMPUTER SYSTEMS | 750 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |
| NCDOT ELECTRIC | | | | | | | | | | |
| EL 51 | NCDOT U-5015 Murchison Road Improvement | 0 | 0 | 0 | 0 | 0 | 2,000 | 0 | 0 | 2,000 |
| EL 52 | NCDOT Rowan Street Bridge Replacement | 250 | 0 | 0 | 0 | 0 | 0 | 1,889 | 100 | 2,239 |
| EL 53 | NCDOT U-4405 Raeford Road Widening | 2,000 | 250 | 0 | 0 | 0 | 0 | 6,625 | 13,000 | 21,875 |
| EL 54 | NCDOT U-4403B Ramsey Street Widening | 500 | 1,250 | 4,100 | 1,100 | 200 | 0 | 0 | 100 | 7,250 |
| EL 55 | NCDOT U-5798A Gillis Hill Road Widening | 1,100 | 1,200 | 150 | 0 | 0 | 0 | 0 | 100 | 2,550 |
| EL 56 | NCDOT U-5798B Gillis Hill Road Widening | 250 | 1,100 | 1,200 | 150 | 0 | 0 | 0 | 0 | 2,700 |
| EL 57 | NCDOT U-4900 Murchison Road Widening | 0 | 325 | 775 | 150 | 0 | 0 | 0 | 0 | 1,250 |
| EL 58 | NCDOT U-5101 Stacey Weaver Drive Widening | 0 | 100 | 150 | 200 | 225 | 7,000 | 0 | 0 | 7,675 |
| EL 59 | NCDOT U-4404 Cliffdale Road Widening | 0 | 0 | 0 | 0 | 100 | 4,150 | 0 | 0 | 4,250 |
| EL 60 | NCDOT U-4403C Ramsey Street Widening US 401 By-Pa | 300 | 500 | 750 | 750 | 1,250 | 26,000 | 0 | 0 | 29,550 |
| EL 61 | NCDOT U-6133 Cliffdale Road / Skibo Road Intersection I | 0 | 0 | 0 | 0 | 500 | 1,500 | 0 | 0 | 2,000 |
| EL 62 | NCDOT U-6209 Cliffdale Road Widening | 0 | 0 | 0 | 0 | 0 | 3,950 | 0 | 0 | 3,950 |
| EL 63 | NCDOT U-6213 Ireland Drive Widening | 0 | 0 | 0 | 0 | 0 | 3,250 | 0 | 0 | 3,250 |
| EL 64 | NCDOT U-4900 Murchison Road Widening | 0 | 500 | 1,000 | 2,500 | 250 | 0 | 0 | 0 | 4,250 |
| EL 65 | NCDOT U-6152 Robeson Street Access Management | 0 | 0 | 0 | 0 | 0 | 2,250 | 0 | 0 | 2,250 |
| | TOTAL NCDOT ELECTRIC | 4,400 | 5,225 | 8,125 | 4,850 | 2,525 | 50,100 | 8,514 | 13,300 | 97,039 |
| NCDOT W/WW | | | | | | | | | | |
| WS 29 | Utility Improvements for NCDOT Resurfacing and Stormw: | 50 | 50 | 50 | 50 | 50 | 250 | 49 | 5 | 554 |
| WS 30 | NCDOT U-6001 NC 59 Widening, Parkton Road to US 30 | 330 | 1,115 | 1,430 | 60 | 2,960 | 0 | 0 | 111 | 6,006 |
| WS 31 | NCDOT U-6072A SR1112 (Rockfish Rd) from Strickland E | 0 | 0 | 0 | 0 | 0 | 661 | 0 | 0 | 661 |
| WS 32 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to I | 0 | 0 | 0 | 437 | 956 | 7,906 | 0 | 0 | 9,299 |
| WS 33 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oa | 585 | 270 | 370 | 2,840 | 250 | 11,265 | 1,409 | 100 | 17,089 |
| WS 34 | NCDOT U-2519B A/BB Fayetteville Outer Loop from Soutl | 18 | 15 | 15 | 5,737 | 0 | 0 | 14 | 0 | 5,799 |
| WS 35 | NCDOT U-4403 Ramsey Street Widening - Water | 1,000 | 975 | 250 | 250 | 6,725 | 2,125 | 17 | 531 | 11,873 |
| WS 36 | NCDOT U-4404 Cliffdale Road Widening - Water | 180 | 125 | 110 | 55 | 755 | 0 | 0 | 3 | 1,228 |
| WS 37 | NCDOT U-4900 Murchison Road Widening - Water | 530 | 180 | 185 | 125 | 125 | 5,625 | 0 | 26 | 6,796 |
| WS 38 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening | 0 | 825 | 440 | 170 | 170 | 4,050 | 0 | 0 | 5,655 |
| WS 39 | DOTR U-5798 A - Gillis Hill Rd Widening - Water | 200 | 1,405 | 11 | 0 | 0 | 0 | 0 | 69 | 1,685 |
| WS 40 | NCDOT U-5798 B - Gillis Hill Road Widening - Water | 205 | 180 | 100 | 1,490 | 0 | 0 | 0 | 0 | 1,975 |
| WS 41 | NCDOT U-3422 Camden Rd Widening - Water | 1,000 | 335 | 135 | 11,135 | 0 | 0 | 67 | 157 | 12,829 |
| WS 42 | NCDOT U-2519A A/AB - Fayetteville Outer Loop from Sol | 20 | 683 | 0 | 0 | 0 | 0 | 6 | 6 | 715 |
| WS 43 | NCDOT U-4414 - All American Freeway Widening from O | 50 | 98 | 94 | 25 | 28 | 2,893 | 0 | 0 | 3,188 |

SUMMARY BY CATEGORY

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|---|---|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-----------------|----------------|
| (Dollars in thousands) | | | | | | | | | | |
| WS 44 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - | 30 | 15 | 100 | 70 | 3,035 | 0 | 7 | 38 | 3,295 |
| WS 92 | Utility Improvements for NCDOT Resurfacing and Stormw: | 10 | 10 | 10 | 10 | 10 | 50 | 40 | 2 | 142 |
| WS 93 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to ↑ | 0 | 0 | 0 | 68 | 88 | 563 | 0 | 0 | 719 |
| WS 94 | NCDOT U-2519B A/BB Fayetteville Outer Loop from Soutl | 10 | 10 | 5 | 753 | 0 | 0 | 10 | 4 | 792 |
| WS 95 | NCDOT U-4403 Ramsey Street Widening - Sewer | 340 | 190 | 140 | 140 | 2,190 | 815 | 312 | 220 | 4,347 |
| WS 96 | NCDOT U-4404 Cliffdale Road Widening - Sewer | 70 | 55 | 40 | 30 | 530 | 0 | 0 | 3 | 728 |
| WS 97 | NCDOT U-4900 Murchison Road Widening - Sewer | 170 | 85 | 85 | 45 | 45 | 1,045 | 0 | 85 | 1,560 |
| WS 98 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening | 0 | 320 | 165 | 45 | 45 | 1,320 | 0 | 0 | 1,895 |
| WS 99 | DOTR U-5798 A - Gillis Hill Rd Widening - Sewer | 83 | 803 | 50 | 0 | 0 | 0 | 0 | 10 | 946 |
| WS 100 | NCDOT U-5798 B - Gillis Hill Road Widening - Sewer | 63 | 73 | 40 | 1,020 | 0 | 0 | 0 | 0 | 1,196 |
| WS 101 | NCDOT U-3422 Camden Rd Widening - Sewer | 120 | 80 | 30 | 925 | 0 | 0 | 14 | 24 | 1,193 |
| WS 102 | NCDOT U-6072A SR1112 (Rockfish Rd) from Strickland E | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 95 |
| WS 103 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oa | 1,220 | 95 | 180 | 350 | 140 | 7,675 | 350 | 149 | 10,159 |
| WS 104 | NCDOT U-4414 - All American Freeway Widening from O | 18 | 59 | 73 | 14 | 17 | 1,570 | 0 | 0 | 1,751 |
| WS 105 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - | 10 | 10 | 20 | 20 | 840 | 0 | 4 | 7 | 911 |
| TOTAL NCDOT W/WW | | 6,312 | 8,061 | 4,128 | 25,864 | 18,959 | 47,908 | 2,299 | 1,550 | 115,081 |
| CITY OF FAYETTEVILLE-ELECTRIC | | | | | | | | | | |
| EL 34 | CoF Langdon St Widening Project | 0 | 0 | 0 | 300 | 0 | 0 | 0 | 0 | 300 |
| EL 41 | Downtown UG Infrastructure Reliability Improvements | 1,000 | 500 | 0 | 0 | 0 | 0 | 66 | 275 | 1,841 |
| EL 42 | Underground Distribution / Streetscape Improvement | 50 | 50 | 50 | 50 | 50 | 250 | 7 | 0 | 507 |
| EL 43 | CoF Person St 300 - 600 Block Streetscape Improvement | 0 | 0 | 0 | 0 | 0 | 1,650 | 25 | 0 | 1,675 |
| TOTAL CITY OF FAYETTEVILLE-ELECTRIC | | 1,050 | 550 | 50 | 350 | 50 | 1,900 | 98 | 275 | 4,323 |
| CITY OF FAYETTEVILLE-W/WW | | | | | | | | | | |
| WS 26 | Utility Improvements for City of Fayetteville Storm Drainag | 150 | 270 | 270 | 270 | 270 | 1,350 | 145 | 148 | 2,873 |
| WS 90 | Utility Improvements for City of Fayetteville Storm Drainag | 100 | 230 | 230 | 230 | 230 | 1,150 | 70 | 43 | 2,283 |
| TOTAL CITY OF FAYETTEVILLE-W/WW | | 250 | 500 | 500 | 500 | 500 | 2,500 | 215 | 191 | 5,156 |
| NEW SERVICES(INCL TRANSFORMERS)-ELECTRIC | | | | | | | | | | |
| EL 1 | Underground Distribution Infrastructure Installations – New | 1,500 | 1,600 | 1,650 | 1,700 | 1,750 | 9,500 | 1,873 | 1,400 | 20,973 |
| EL 2 | Overhead Infrastructure Installation - New | 25 | 25 | 25 | 25 | 25 | 125 | 45 | 54 | 349 |
| EL 5 | Padmount Transformers | 1,000 | 1,050 | 1,100 | 1,150 | 1,200 | 6,750 | 929 | 905 | 14,084 |
| EL 6 | Overhead Transformers | 400 | 400 | 400 | 400 | 400 | 2,000 | 270 | 405 | 4,675 |
| EL 18 | Fiber Optic Cable Line Extensions for Electric System Aut | 600 | 500 | 500 | 500 | 500 | 2,500 | 206 | 250 | 5,556 |
| TOTAL NEW SERVICES(INCL XFRMRS)-ELECTRIC | | 3,525 | 3,575 | 3,675 | 3,775 | 3,875 | 20,875 | 3,323 | 3,014 | 45,637 |
| NEW SERVICES-W/WW | | | | | | | | | | |
| WS 2 | New Water Service Laterals and Water Main Extensions | 600 | 618 | 636 | 654 | 673 | 3,466 | 605 | 539 | 7,791 |
| WS 4 | New Hydrant and Valve Installation | 125 | 128 | 130 | 133 | 136 | 694 | 146 | 113 | 1,605 |
| WS 46 | New Sewer Service Laterals and Sewer Main Extensions | 480 | 504 | 529 | 555 | 582 | 3,056 | 393 | 455 | 6,554 |
| TOTAL NEW SERVICES-W/WW | | 1,205 | 1,250 | 1,295 | 1,342 | 1,391 | 7,216 | 1,144 | 1,107 | 15,950 |
| ANNEXATION | | | | | | | | | | |
| WS 7 | Phase V Annexation - Water Main Extension | 4,010 | 2,121 | 1,695 | 2,461 | 3,680 | 3,704 | 539 | 562 | 18,772 |
| WS 55 | Phase V Annexation | 29,777 | 24,735 | 24,141 | 21,564 | 25,170 | 25,450 | 76,501 | 18,240 | 245,578 |
| TOTAL ANNEXATION | | 33,787 | 26,856 | 25,836 | 24,025 | 28,850 | 29,154 | 77,040 | 18,802 | 264,350 |
| REHABILITATION-W/WW | | | | | | | | | | |
| WS 3 | Water Lateral Renewals (PWC Forces) | 900 | 945 | 992 | 1,042 | 1,095 | 5,749 | 899 | 800 | 12,422 |
| WS 5 | Water Distribution System Rehabilitation | 6,000 | 6,750 | 7,500 | 8,500 | 9,500 | 62,050 | 5,280 | 5,147 | 110,727 |
| WS 47 | Sewer Lateral Renewals (PWC Forces) | 750 | 769 | 788 | 808 | 828 | 4,243 | 602 | 730 | 9,518 |
| WS 48 | Lift Station Rehabilitation | 610 | 610 | 0 | 0 | 0 | 0 | 197 | 600 | 2,017 |

SUMMARY BY CATEGORY

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|---------------------------------------|---|---------------|---------------|---------------|---------------|---------------|----------------|----------------|-----------------|----------------|
| (Dollars in thousands) | | | | | | | | | | |
| WS 49 | Sanitary Sewer Manhole Rehabilitation | 2,100 | 2,200 | 2,300 | 2,400 | 2,500 | 14,000 | 1,543 | 1,950 | 28,993 |
| WS 50 | Sanitary Sewer Main Rehabilitation | 6,000 | 7,000 | 8,000 | 9,000 | 10,000 | 64,750 | 5,167 | 5,327 | 115,244 |
| WS 78 | Sewer Main Rehab - Mintz Pond and Kornbow Lake | 5 | 410 | 710 | 0 | 0 | 0 | 0 | 0 | 1,125 |
| TOTAL REHABILITATION-W/WW | | 16,365 | 18,684 | 20,290 | 21,750 | 23,923 | 150,792 | 13,688 | 14,554 | 280,046 |
| OUTFALL REHABILITATION | | | | | | | | | | |
| WS 51 | Line 54" Outfall - Research Drive to I-95 | 5 | 110 | 610 | 1,810 | 0 | 0 | 2 | 18 | 2,555 |
| WS 59 | Line North Street Outfall, Milan Road to Gale Street | 0 | 0 | 0 | 10 | 910 | 0 | 0 | 0 | 920 |
| WS 65 | Rehabilitation of the Blounts Creek Outfall, Campbell to Rt | 0 | 560 | 0 | 0 | 0 | 0 | 0 | 0 | 560 |
| WS 66 | Line the Cross Creek Outfall, Blue Street to Gale Street | 2,595 | 0 | 0 | 0 | 0 | 0 | 542 | 963 | 4,100 |
| WS 68 | Line Beaver Creek Outfall, Phase II | 0 | 0 | 210 | 2,010 | 0 | 0 | 0 | 0 | 2,220 |
| WS 69 | Line the Beaver Creek Outfall, Phase III | 0 | 0 | 0 | 10 | 510 | 1,205 | 0 | 0 | 1,725 |
| WS 70 | Line Beaver Creek Outfall, Phase IV | 0 | 0 | 0 | 0 | 0 | 1,725 | 0 | 0 | 1,725 |
| WS 71 | Line Beaver Creek Outfall, Phase V | 0 | 0 | 0 | 0 | 0 | 1,725 | 0 | 0 | 1,725 |
| WS 72 | Line Beaver Creek Outfall, Phase VI | 0 | 0 | 0 | 0 | 0 | 210 | 0 | 0 | 210 |
| WS 73 | Line 54" Outfall - I-95 to Claude Lee Road | 0 | 0 | 0 | 10 | 710 | 1,405 | 0 | 0 | 2,125 |
| WS 74 | Line 54-Inch Outfall, Claude Lee Road to Pennystone Driv | 0 | 0 | 0 | 0 | 0 | 2,530 | 0 | 0 | 2,530 |
| WS 75 | Line 54-Inch Outfall, Pennystone Drive to Laurelwood Plac | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 |
| TOTAL OUTFALL REHABILITATION | | 2,600 | 670 | 820 | 3,850 | 2,130 | 8,810 | 544 | 981 | 20,405 |
| PLANT IMPROVEMENTS-W/WW | | | | | | | | | | |
| WS 21 | Glenville Lake Filter Control Modifications | 0 | 2,145 | 0 | 0 | 0 | 0 | 101 | 5 | 2,251 |
| WS 24 | Replace Standby Power Generator at the PO Hoffer WTP | 0 | 0 | 1,985 | 0 | 0 | 0 | 0 | 0 | 1,985 |
| WS 25 | PO Hoffer WTP / Glenville Lake WTP Reliability Improver | 2,941 | 3,801 | 0 | 0 | 0 | 0 | 0 | 0 | 6,742 |
| WS 81 | Cross Creek WRF Reliability Improvements | 0 | 1,225 | 10,299 | 8,426 | 0 | 0 | 0 | 0 | 19,950 |
| WS 82 | Replace Standby Power Generator at the Cross Creek WF | 0 | 2,135 | 0 | 0 | 0 | 0 | 0 | 0 | 2,135 |
| WS 83 | Replace Clarifier #3 Mechanism at the Rockfish Creek WF | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 360 |
| WS 85 | Rockfish Creek WRF Screening Improvements | 1,870 | 565 | 0 | 0 | 0 | 0 | 34 | 220 | 2,689 |
| WS 86 | Replace Rockfish Creek WRF IPS Screw Pumps #1 and # | 0 | 15 | 940 | 0 | 0 | 0 | 0 | 0 | 955 |
| WS 87 | Replace Rockfish Creek WRF IPS Screw Pumps #3 and # | 0 | 0 | 15 | 940 | 0 | 0 | 0 | 0 | 955 |
| WS 106 | Replace Standby Power Generator at the Rockfish Creek W | 2,545 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,545 |
| TOTAL PLANT IMPROVEMENTS-W/WW | | 7,356 | 10,246 | 13,239 | 9,366 | 0 | 0 | 135 | 225 | 40,567 |
| PLANT EXPANSION-W/WW | | | | | | | | | | |
| WS 22 | PO Hoffer WTF Capacity Expansion, Phase 2 | 0 | 0 | 0 | 0 | 60 | 39,615 | 2,837 | 25 | 42,537 |
| WS 23 | PO Hoffer WTF Capacity Expansion, Phase 3 – Residuals | 315 | 505 | 305 | 8,615 | 7,430 | 0 | 0 | 0 | 17,170 |
| WS 84 | Rockfish Creek WRF Expansion Phase 3 | 40 | 3,609 | 5,758 | 24,353 | 27,829 | 17,401 | 191 | 593 | 79,774 |
| TOTAL PLANT EXPANSION-W/WW | | 355 | 4,114 | 6,063 | 32,968 | 35,319 | 57,016 | 3,028 | 618 | 139,481 |
| HURRICANE MATTHEW-W/WW | | | | | | | | | | |
| WS 27 | Hurricane Matthew Improvement of Water Mains | 605 | 0 | 0 | 0 | 0 | 0 | 425 | 398 | 1,428 |
| WS 54 | Kennedy Street Aerial Sewer Replacement | 211 | 0 | 0 | 0 | 0 | 0 | 45 | 156 | 412 |
| WS 89 | Hurricane Matthew Improvement of Sewer Mains | 450 | 0 | 0 | 0 | 0 | 0 | 1,897 | 2,759 | 5,106 |
| TOTAL HURRICANE MATTHEW-W/WW | | 1,266 | 0 | 0 | 0 | 0 | 0 | 2,367 | 3,313 | 6,946 |
| OTHER W/WW SYSTEM IMPROVEMENTS | | | | | | | | | | |
| WS 1 | Land and Land Rights - Water | 20 | 20 | 20 | 20 | 20 | 100 | 26 | 75 | 301 |
| WS 6 | Braxton Road 12" Water Main Extension | 0 | 0 | 85 | 385 | 130 | 0 | 0 | 0 | 600 |
| WS 8 | Replace Existing Water Mains not Encased Under Railroa | 890 | 975 | 980 | 1,005 | 705 | 0 | 553 | 796 | 5,904 |
| WS 9 | Chicken Foot Road 16" Water Main Interconnect | 678 | 677 | 0 | 0 | 0 | 0 | 67 | 114 | 1,536 |
| WS 10 | West Fayetteville Pressure Zone Improvements | 210 | 2,960 | 5,520 | 2,370 | 0 | 0 | 0 | 0 | 11,060 |
| WS 11 | Sandhill Road 12" Water Main Extension | 0 | 0 | 150 | 585 | 450 | 0 | 0 | 0 | 1,185 |
| WS 12 | Cliffdale Road Transmission Water Main Improvements | 930 | 720 | 0 | 0 | 0 | 0 | 0 | 130 | 1,780 |

SUMMARY BY CATEGORY

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|---|---|---------------|---------------|---------------|---------------|---------------|---------------|----------------|-----------------|----------------|
| (Dollars in thousands) | | | | | | | | | | |
| WS 13 | Hillsboro Street Water Main Replacement | 0 | 0 | 0 | 115 | 225 | 695 | 0 | 0 | 1,035 |
| WS 14 | US HWY 401 North - Booster Pump Station (Contract 2) | 670 | 0 | 0 | 0 | 0 | 0 | 273 | 1,017 | 1,960 |
| WS 15 | US HWY 401 North - Elevated Water Tank (Contract 3) | 18 | 2,100 | 0 | 0 | 0 | 0 | 237 | 10 | 2,365 |
| WS 16 | High Pressure Zone Transmission Water Main Improve | 265 | 365 | 515 | 3,365 | 2,910 | 0 | 0 | 80 | 7,500 |
| WS 17 | Kings Grant Water Main Looping | 0 | 0 | 0 | 165 | 145 | 555 | 0 | 0 | 865 |
| WS 18 | Gillespie Street Water Main Replacement | 0 | 0 | 160 | 260 | 2,130 | 855 | 0 | 0 | 3,405 |
| WS 19 | Southern Avenue Water Main Replacement, Camden to G | 0 | 0 | 0 | 0 | 155 | 2,625 | 0 | 0 | 2,780 |
| WS 20 | Southern Avenue Water Main Replacement, Camden to G | 0 | 0 | 0 | 0 | 0 | 3,030 | 0 | 0 | 3,030 |
| WS 28 | Utility Improvements for the Town of Hope Mills Stormwa | 25 | 25 | 25 | 25 | 25 | 125 | 101 | 2 | 353 |
| WS 45 | Land and Land Rights - Sewer | 20 | 20 | 20 | 20 | 20 | 100 | 21 | 19 | 240 |
| WS 52 | Rockfish Creek Basin Peak Flow Facilities | 5,598 | 10,505 | 0 | 0 | 0 | 0 | 1,244 | 626 | 17,973 |
| WS 53 | Freedom Town Center Sewer Replacement | 540 | 545 | 0 | 0 | 0 | 0 | 165 | 15 | 1,265 |
| WS 56 | Replacement of the Shadowlawn Aerial Sewer Crossing | 185 | 1,070 | 0 | 0 | 0 | 0 | 0 | 80 | 1,335 |
| WS 57 | Lamon Street Aerial Sewer Replacement | 0 | 0 | 185 | 1,185 | 1,630 | 0 | 0 | 0 | 3,000 |
| WS 58 | McFadyen Lake Sewer Main Rehabilitation | 0 | 0 | 0 | 0 | 405 | 3,290 | 0 | 0 | 3,695 |
| WS 60 | Old Wilmington Road Sewer Upgrades | 0 | 0 | 0 | 0 | 0 | 3,960 | 6 | 0 | 3,966 |
| WS 61 | Murchison Road Sewer Improvements, (Jasper St. to Murr | 5 | 815 | 815 | 0 | 0 | 0 | 31 | 13 | 1,679 |
| WS 62 | B Street Parallel Sewer | 0 | 0 | 0 | 0 | 30 | 1,475 | 0 | 0 | 1,505 |
| WS 63 | Branson Creek Interceptor Replacement, Phase I | 0 | 35 | 190 | 375 | 880 | 0 | 0 | 0 | 1,480 |
| WS 64 | Branson Creek Interceptor Replacement, Phase II | 0 | 0 | 0 | 55 | 260 | 1,740 | 0 | 0 | 2,055 |
| WS 67 | Replacement of the Cross Creek Outfall, Greensboro Stre | 315 | 3,085 | 525 | 0 | 0 | 0 | 0 | 0 | 3,925 |
| WS 76 | Big Rockfish Sanitary Sewer Outfall | 8,427 | 8,780 | 4,029 | 0 | 0 | 0 | 1,109 | 1,994 | 24,339 |
| WS 77 | Big Rockfish Sanitary Sewer Outfall - Lift Station Eliminatic | 396 | 207 | 1,631 | 2,432 | 0 | 0 | 319 | 858 | 5,843 |
| WS 79 | Lift Station Electrical Upgrades | 0 | 35 | 110 | 230 | 985 | 1,060 | 0 | 1 | 2,421 |
| WS 80 | North Fayetteville Lift Station Upgrades - Phase 4 | 210 | 850 | 215 | 0 | 0 | 0 | 0 | 62 | 1,337 |
| WS 88 | Longview Lift Station and Force Main Upgrade | 45 | 1,060 | 375 | 0 | 0 | 0 | 19 | 120 | 1,619 |
| WS 91 | Utility Improvements for the Town of Hope Mills Stormwa | 25 | 25 | 25 | 25 | 25 | 125 | 91 | 2 | 343 |
| TOTAL OTHER WWW SYSTEM IMPROVEMENTS | | 19,472 | 34,874 | 15,575 | 12,617 | 11,130 | 19,735 | 4,262 | 6,014 | 123,679 |
| BUTLER WARNER GENERATION PLANT | | | | | | | | | | |
| EL 45 | Heat Exchanger Upgrade | 430 | 0 | 0 | 0 | 0 | 0 | 319 | 585 | 1,334 |
| EL 46 | BWGP Heat Recovery Steam Generator Boiler Tube Repl | 5,000 | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| EL 47 | BWGP Water Purification System | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 |
| TOTAL BUTLER WARNER GENERATION PLANT | | 5,780 | 5,000 | 0 | 0 | 0 | 0 | 319 | 585 | 11,684 |
| SUBSTATIONS | | | | | | | | | | |
| EL 10 | UG Feeder Exit Replacement Substations | 500 | 500 | 500 | 500 | 500 | 2,500 | 186 | 375 | 5,561 |
| EL 24 | Distribution Substation Equipment Replacement | 100 | 100 | 100 | 100 | 125 | 625 | 9 | 85 | 1,244 |
| EL 27 | T/D Substation Control Building Replacement | 400 | 400 | 400 | 400 | 400 | 2,000 | 0 | 375 | 4,375 |
| EL 28 | Transmission - Distribution Substation Oil Containment Sy | 0 | 100 | 0 | 0 | 0 | 0 | 429 | 0 | 529 |
| EL 29 | Bordeaux 67-12 kV Substation Rebuild | 100 | 0 | 0 | 0 | 0 | 0 | 132 | 2,000 | 2,232 |
| EL 30 | Black & Decker Substation Rebuild | 2,000 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 2,100 |
| EL 31 | Cumberland Road 66 -12 kV Substation Rebuild | 100 | 2,000 | 100 | 0 | 0 | 0 | 0 | 0 | 2,200 |
| EL 32 | PO Hoffer 66-12 kV Substation Rebuild | 1,000 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 2,500 |
| EL 33 | FTI 66-12 kV Substation Rebuild and Relocation | 50 | 1,000 | 2,200 | 500 | 0 | 0 | 0 | 0 | 3,750 |
| EL 35 | Distribution Substation 66-12 kV Power Transformer | 1,750 | 875 | 875 | 875 | 875 | 4,375 | 0 | 850 | 10,475 |
| EL 36 | 230-67kV Auto-Transformer | 0 | 0 | 2,500 | 0 | 0 | 0 | 0 | 0 | 2,500 |
| EL 37 | POD IV 230-66 kV Substation | 0 | 0 | 0 | 0 | 125 | 15,550 | 1,392 | 0 | 17,067 |
| EL 38 | ROW Additions Distribution | 150 | 150 | 150 | 150 | 150 | 750 | 59 | 90 | 1,649 |
| EL 39 | POD V 230-66 kV Substation Property Acquisition | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 3,050 |
| TOTAL SUBSTATIONS | | 9,150 | 6,725 | 6,825 | 2,525 | 2,175 | 25,800 | 2,207 | 3,825 | 59,232 |
| LIGHTING | | | | | | | | | | |
| EL 3 | LED Area Lights - New Installations | 450 | 450 | 450 | 450 | 450 | 2,250 | 369 | 421 | 5,290 |
| EL 4 | LED Area Lights - Replacements/Conversion | 100 | 0 | 0 | 0 | 0 | 0 | 2,735 | 2,200 | 5,035 |

SUMMARY BY CATEGORY

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------------|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| (Dollars in thousands) | | | | | | | | | | |
| EL 14 | Thoroughfare LED Lighting - New Installations | 50 | 50 | 50 | 50 | 50 | 250 | 10 | 0 | 510 |
| EL 15 | Thoroughfare LED Roadway Lighting-Conversion | 200 | 0 | 0 | 0 | 0 | 0 | 464 | 675 | 1,339 |
| EL 50 | Bragg Boulevard Gateway Improvement - Phase II | 0 | 0 | 0 | 0 | 0 | 2,300 | 0 | 0 | 2,300 |
| | TOTAL LIGHTING | 800 | 500 | 500 | 500 | 500 | 4,800 | 3,578 | 3,296 | 14,474 |
| ELECTRIC SYSTEM IMPROVEMENTS | | | | | | | | | | |
| EL 7 | Underground Infrastructure Replacement - Residential | 2,500 | 2,750 | 3,000 | 3,250 | 3,500 | 21,250 | 884 | 2,200 | 39,334 |
| EL 8 | Underground Infrastructure Replacement - Non Residential | 500 | 500 | 500 | 550 | 550 | 2,850 | 2,512 | 720 | 8,682 |
| EL 9 | Underground Distribution Infrastructure Replacements (Nc | 850 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 896 | 750 | 11,496 |
| EL 11 | Overhead Distribution System Circuit Improvements | 75 | 75 | 75 | 75 | 75 | 375 | 92 | 45 | 887 |
| EL 12 | Distribution System Sectionalizing | 700 | 500 | 250 | 250 | 250 | 1,250 | 4 | 245 | 3,449 |
| EL 13 | Overhead Infrastructure Improvements | 1,000 | 1,250 | 1,250 | 1,500 | 1,500 | 5,250 | 277 | 1,081 | 13,108 |
| EL 16 | Conservation Load Reduction (CVR) | 500 | 500 | 500 | 500 | 50 | 250 | 1,124 | 360 | 3,784 |
| EL 17 | System Reactive Power Compensation | 600 | 200 | 100 | 50 | 25 | 125 | 1,148 | 1,500 | 3,748 |
| EL 19 | SONET Communications for Smart Grid | 250 | 250 | 250 | 250 | 50 | 150 | 544 | 175 | 1,919 |
| EL 20 | Distribution Automation | 750 | 1,000 | 1,250 | 1,500 | 1,750 | 11,500 | 263 | 355 | 18,368 |
| EL 21 | Sub-Transmission Pole Replacement | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 7,500 | 1,157 | 1,450 | 17,607 |
| EL 22 | Distribution Circuit Breaker Replacement | 350 | 350 | 350 | 350 | 350 | 2,000 | 252 | 345 | 4,347 |
| EL 23 | 66 kV System Sectionalizing Improvements | 300 | 300 | 300 | 300 | 300 | 1,500 | 10 | 275 | 3,285 |
| EL 25 | T/D Sub Differential and Back-Up Overcurrent Relay Repl | 150 | 150 | 150 | 150 | 150 | 750 | 93 | 125 | 1,718 |
| EL 26 | T/D Sub 66 kV Power Transformer Protection Equipment I | 400 | 400 | 400 | 400 | 450 | 2,250 | 683 | 375 | 5,358 |
| EL 40 | POD I 230 kV Switch Replacement | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 |
| EL 48 | Battery Storage | 500 | 2,000 | 2,000 | 0 | 0 | 0 | 0 | 0 | 4,500 |
| EL 49 | Renewable Resource Development | 0 | 250 | 250 | 6,000 | 10,000 | 0 | 0 | 0 | 16,500 |
| | TOTAL ELECTRIC SYSTEM IMPROVEMENTS | 11,175 | 12,975 | 13,125 | 17,625 | 21,500 | 62,000 | 9,939 | 10,001 | 158,340 |
| | TOTAL ALL PROJECTS | 127,166 | 140,622 | 120,923 | 171,398 | 154,555 | 491,696 | 134,417 | 91,597 | 1,432,374 |

SUMMARY BY FUNDING SOURCE

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------|--|--------------|------------|------------|--------------|--------------|--------------|----------------|-----------------|---------------|
| <i>(Dollars in thousands)</i> | | | | | | | | | | |
| CUSTOMER PROGRAMS | | | | | | | | | | |
| CP 1 | Electric Meters and Metering Equipment | 215 | 218 | 220 | 222 | 224 | 1,155 | 228 | 370 | 2,852 |
| | ELECTRIC FUND | 215 | 218 | 220 | 222 | 224 | 1,155 | 228 | 370 | 2,852 |
| CP 2 | Water Meters | 283 | 289 | 297 | 299 | 304 | 1,635 | 384 | 350 | 3,841 |
| | WATER/SEWER FUND | 283 | 289 | 297 | 299 | 304 | 1,635 | 384 | 350 | 3,841 |
| | TOTAL CUSTOMER PROGRAMS | 498 | 507 | 517 | 521 | 528 | 2,790 | 612 | 720 | 6,693 |
| CORPORATE SERVICES | | | | | | | | | | |
| CS 1 | Robert C. Williams Business Center Upfit | 0 | 60 | 60 | 60 | 60 | 300 | 20 | 0 | 560 |
| CS 2 | Fleet Bay Expansion | 205 | 0 | 0 | 0 | 0 | 0 | 331 | 4,000 | 4,536 |
| CS 3 | Multipurpose Building | 0 | 0 | 300 | 8,910 | 1,140 | 0 | 0 | 0 | 10,350 |
| CS 4 | Upgrade Warehouse Yard | 50 | 0 | 0 | 0 | 0 | 0 | 212 | 283 | 545 |
| CS 5 | Replace Fuel Island Diesel Storage Tank | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 |
| CS 6 | Emergency Operations Facility | 220 | 0 | 0 | 0 | 0 | 0 | 0 | 660 | 880 |
| CS 7 | Relocate King Street Pole Yard | 150 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 150 |
| | ELECTRIC FUND | 720 | 60 | 360 | 8,970 | 1,200 | 300 | 563 | 4,943 | 17,115 |
| CS 2 | Fleet Bay Expansion | 205 | 0 | 0 | 0 | 0 | 0 | 331 | 4,000 | 4,536 |
| CS 4 | Upgrade Warehouse Yard | 50 | 0 | 0 | 0 | 0 | 0 | 212 | 283 | 545 |
| CS 5 | Replace Fuel Island Diesel Storage Tank | 95 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 95 |
| | WATER FUND | 350 | 0 | 0 | 0 | 0 | 0 | 543 | 4,283 | 5,175 |
| | TOTAL CORPORATE SERVICES | 1,070 | 60 | 360 | 8,970 | 1,200 | 300 | 1,105 | 9,226 | 22,291 |
| WATER RESOURCES | | | | | | | | | | |
| WS 1 | Land and Land Rights - Water | 20 | 20 | 20 | 20 | 20 | 100 | 26 | 75 | 301 |
| WS 2 | New Water Service Laterals and Water Main Extensions | 600 | 618 | 636 | 654 | 673 | 3,466 | 605 | 539 | 7,791 |
| WS 3 | Water Lateral Renewals (PWC Forces) | 900 | 945 | 992 | 1,042 | 1,095 | 5,749 | 899 | 800 | 12,422 |
| WS 4 | New Hydrant and Valve Installation | 125 | 128 | 130 | 133 | 136 | 694 | 146 | 113 | 1,605 |
| WS 5 | Water Distribution System Rehabilitation | 6,000 | 6,750 | 7,500 | 8,500 | 9,500 | 62,050 | 5,280 | 5,147 | 110,727 |
| WS 6 | Braxton Road 12" Water Main Extension | 0 | 0 | 85 | 385 | 130 | 0 | 0 | 0 | 600 |
| WS 8 | Replace Existing Water Mains not Encased Under Railroad | 890 | 975 | 980 | 1,005 | 705 | 0 | 553 | 796 | 5,904 |
| WS 9 | Chicken Foot Road 16" Water Main Interconnect | 678 | 677 | 0 | 0 | 0 | 0 | 67 | 114 | 1,536 |
| WS 10 | West Fayetteville Pressure Zone Improvements | 210 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 210 |
| WS 11 | Sandhill Road 12" Water Main Extension | 0 | 0 | 150 | 585 | 450 | 0 | 0 | 0 | 1,185 |
| WS 12 | Cliffdale Road Transmission Water Main Improvements | 930 | 720 | 0 | 0 | 0 | 0 | 0 | 130 | 1,780 |
| WS 13 | Hillsboro Street Water Main Replacement | 0 | 0 | 0 | 115 | 225 | 695 | 0 | 0 | 1,035 |
| WS 16 | High Pressure Zone Transmission Water Main Improvement | 265 | 0 | 0 | 0 | 0 | 0 | 0 | 80 | 345 |
| WS 17 | Kings Grant Water Main Looping | 0 | 0 | 0 | 165 | 145 | 555 | 0 | 0 | 865 |
| WS 21 | Glenville Lake Filter Control Modifications | 0 | 2,145 | 0 | 0 | 0 | 0 | 101 | 5 | 2,251 |
| WS 24 | Replace Standby Power Generator at the PO Hoffer WTP | 0 | 0 | 1,985 | 0 | 0 | 0 | 0 | 0 | 1,985 |
| WS 26 | Utility Improvements for City of Fayetteville Storm Drainage | 150 | 270 | 270 | 270 | 270 | 1,350 | 145 | 148 | 2,873 |
| WS 28 | Utility Improvements for the Town of Hope Mills Stormwater | 25 | 25 | 25 | 25 | 25 | 125 | 101 | 2 | 353 |
| WS 29 | Utility Improvements for NCDOT Resurfacing and Stormwater | 50 | 50 | 50 | 50 | 50 | 250 | 49 | 5 | 554 |
| WS 30 | NCDOT U-6001 NC 59 Widening, Parkton Road to US 301 | 330 | 1,115 | 1,430 | 60 | 60 | 0 | 0 | 111 | 3,106 |
| WS 31 | NCDOT U-6072A SR1112 (Rockfish Rd) from Strickland Bri | 0 | 0 | 0 | 0 | 0 | 661 | 0 | 0 | 661 |
| WS 32 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC | 0 | 0 | 0 | 437 | 956 | 874 | 0 | 0 | 2,267 |
| WS 33 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks | 585 | 270 | 370 | 340 | 250 | 265 | 1,409 | 100 | 3,589 |
| WS 34 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 18 | 15 | 15 | 10 | 0 | 0 | 14 | 0 | 72 |

SUMMARY BY FUNDING SOURCE

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------|--|---------|---------|---------|---------|---------|----------|----------------|-----------------|---------------|
| <i>(Dollars in thousands)</i> | | | | | | | | | | |
| WS 35 | NCDOT U-4403 Ramsey Street Widening - Water | 1,000 | 975 | 250 | 250 | 225 | 2,125 | 17 | 531 | 5,373 |
| WS 36 | NCDOT U-4404 Cliffdale Road Widening - Water | 180 | 125 | 110 | 55 | 55 | 0 | 0 | 3 | 528 |
| WS 37 | NCDOT U-4900 Murchison Road Widening - Water | 530 | 180 | 185 | 125 | 125 | 125 | 0 | 26 | 1,296 |
| WS 38 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening - Water | 0 | 825 | 440 | 170 | 170 | 50 | 0 | 0 | 1,655 |
| WS 39 | DOTR U-5798 A - Gillis Hill Rd Widening - Water | 200 | 185 | 11 | 0 | 0 | 0 | 0 | 69 | 465 |
| WS 40 | NCDOT U-5798 B - Gillis Hill Road Widening - Water | 205 | 180 | 100 | 40 | 0 | 0 | 0 | 0 | 525 |
| WS 41 | NCDOT U-3422 Camden Rd Widening - Water | 1,000 | 335 | 135 | 135 | 0 | 0 | 67 | 157 | 1,829 |
| WS 42 | NCDOT U-2519A A/AB - Fayetteville Outer Loop from South | 20 | 15 | 0 | 0 | 0 | 0 | 6 | 6 | 47 |
| WS 43 | NCDOT U-4414 - All American Freeway Widening from Owe | 50 | 98 | 94 | 25 | 28 | 112 | 0 | 0 | 407 |
| WS 44 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - V | 30 | 15 | 100 | 70 | 35 | 0 | 7 | 38 | 295 |
| WS 45 | Land and Land Rights - Sewer | 20 | 20 | 20 | 20 | 20 | 100 | 21 | 19 | 240 |
| WS 46 | New Sewer Service Laterals and Sewer Main Extensions | 480 | 504 | 529 | 555 | 582 | 3,056 | 393 | 455 | 6,554 |
| WS 47 | Sewer Lateral Renewals (PWC Forces) | 750 | 769 | 788 | 808 | 828 | 4,243 | 602 | 730 | 9,518 |
| WS 48 | Lift Station Rehabilitation | 610 | 610 | 0 | 0 | 0 | 0 | 197 | 600 | 2,017 |
| WS 49 | Sanitary Sewer Manhole Rehabilitation | 2,100 | 2,200 | 2,300 | 2,400 | 2,500 | 14,000 | 1,543 | 1,950 | 28,993 |
| WS 50 | Sanitary Sewer Main Rehabilitation | 6,000 | 7,000 | 8,000 | 9,000 | 10,000 | 64,750 | 5,167 | 5,327 | 115,244 |
| WS 51 | Line 54" Outfall - Research Drive to I-95 | 5 | 0 | 0 | 0 | 0 | 0 | 2 | 18 | 25 |
| WS 52 | Rockfish Creek Basin Peak Flow Facilities | 98 | 53 | 0 | 0 | 0 | 0 | 0 | 0 | 151 |
| WS 53 | Freedom Town Center Sewer Replacement | 540 | 545 | 0 | 0 | 0 | 0 | 165 | 15 | 1,265 |
| WS 54 | Kennedy Street Aerial Sewer Replacement | 211 | 0 | 0 | 0 | 0 | 0 | 45 | 156 | 412 |
| WS 56 | Replacement of the Shadowlawn Aerial Sewer Crossing | 185 | 1,070 | 0 | 0 | 0 | 0 | 0 | 80 | 1,335 |
| WS 57 | Lamon Street Aerial Sewer Replacement | 0 | 0 | 185 | 1,185 | 1,630 | 0 | 0 | 0 | 3,000 |
| WS 58 | McFadyen Lake Sewer Main Rehabilitation | 0 | 0 | 0 | 0 | 405 | 3,290 | 0 | 0 | 3,695 |
| WS 59 | Line North Street Outfall, Milan Road to Gale Street | 0 | 0 | 0 | 10 | 910 | 0 | 0 | 0 | 920 |
| WS 60 | Old Wilmington Road Sewer Upgrades | 0 | 0 | 0 | 0 | 0 | 0 | 6 | 0 | 6 |
| WS 61 | Murchison Road Sewer Improvements, (Jasper St. to Murch | 5 | 815 | 815 | 0 | 0 | 0 | 31 | 13 | 1,679 |
| WS 62 | B Street Parallel Sewer | 0 | 0 | 0 | 0 | 30 | 1,475 | 0 | 0 | 1,505 |
| WS 63 | Branson Creek Interceptor Replacement, Phase I | 0 | 35 | 190 | 375 | 880 | 0 | 0 | 0 | 1,480 |
| WS 64 | Branson Creek Interceptor Replacement, Phase II | 0 | 0 | 0 | 55 | 260 | 1,740 | 0 | 0 | 2,055 |
| WS 65 | Rehabilitation of the Blounts Creek Outfall, Campbell to Rus | 0 | 560 | 0 | 0 | 0 | 0 | 0 | 0 | 560 |
| WS 67 | Replacement of the Cross Creek Outfall, Greensboro Street | 315 | 3,085 | 525 | 0 | 0 | 0 | 0 | 0 | 3,925 |
| WS 71 | Line Beaver Creek Outfall, Phase V | 0 | 0 | 0 | 0 | 0 | 1,725 | 0 | 0 | 1,725 |
| WS 72 | Line Beaver Creek Outfall, Phase VI | 0 | 0 | 0 | 0 | 0 | 210 | 0 | 0 | 210 |
| WS 74 | Line 54-Inch Outfall, Claude Lee Road to Pennystone Drive | 0 | 0 | 0 | 0 | 0 | 2,530 | 0 | 0 | 2,530 |
| WS 75 | Line 54-Inch Outfall, Pennystone Drive to Laurelwood Place | 0 | 0 | 0 | 0 | 0 | 10 | 0 | 0 | 10 |
| WS 76 | Big Rockfish Sanitary Sewer Outfall | 180 | 471 | 138 | 0 | 0 | 0 | 0 | 0 | 789 |
| WS 77 | Big Rockfish Sanitary Sewer Outfall - Lift Station Elimination | 10 | 25 | 132 | 137 | 0 | 0 | 0 | 0 | 304 |
| WS 78 | Sewer Main Rehab - Mintz Pond and Kornbow Lake | 5 | 410 | 710 | 0 | 0 | 0 | 0 | 0 | 1,125 |
| WS 79 | Lift Station Electrical Upgrades | 0 | 35 | 110 | 230 | 985 | 1,060 | 0 | 1 | 2,421 |
| WS 80 | North Fayetteville Lift Station Upgrades - Phase 4 | 210 | 850 | 215 | 0 | 0 | 0 | 0 | 62 | 1,337 |
| WS 82 | Replace Standby Power Generator at the Cross Creek WRF | 0 | 2,135 | 0 | 0 | 0 | 0 | 0 | 0 | 2,135 |
| WS 83 | Replace Clarifier #3 Mechanism at the Rockfish Creek WRF | 0 | 360 | 0 | 0 | 0 | 0 | 0 | 0 | 360 |
| WS 85 | Rockfish Creek WRF Screening Improvements | 1,870 | 565 | 0 | 0 | 0 | 0 | 34 | 220 | 2,689 |
| WS 86 | Replace Rockfish Creek WRF IPS Screw Pumps #1 and #2 | 0 | 15 | 940 | 0 | 0 | 0 | 0 | 0 | 955 |
| WS 87 | Replace Rockfish Creek WRF IPS Screw Pumps #3 and #4 | 0 | 0 | 15 | 940 | 0 | 0 | 0 | 0 | 955 |
| WS 88 | Longview Lift Station and Force Main Upgrade | 45 | 0 | 0 | 0 | 0 | 0 | 19 | 120 | 184 |
| WS 90 | Utility Improvements for City of Fayetteville Storm Drainage | 100 | 230 | 230 | 230 | 230 | 1,150 | 70 | 43 | 2,283 |
| WS 91 | Utility Improvements for the Town of Hope Mills Stormwater | 25 | 25 | 25 | 25 | 25 | 125 | 91 | 2 | 343 |
| WS 92 | Utility Improvements for NCDOT Resurfacing and Stormwater | 10 | 10 | 10 | 10 | 10 | 50 | 40 | 2 | 142 |
| WS 93 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC | 0 | 0 | 0 | 68 | 88 | 114 | 0 | 0 | 270 |
| WS 94 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 10 | 10 | 5 | 2 | 0 | 0 | 10 | 4 | 41 |
| WS 95 | NCDOT U-4403 Ramsey Street Widening - Sewer | 340 | 190 | 140 | 140 | 140 | 815 | 312 | 220 | 2,297 |
| WS 96 | NCDOT U-4404 Cliffdale Road Widening - Sewer | 70 | 55 | 40 | 30 | 30 | 0 | 0 | 3 | 228 |
| WS 97 | NCDOT U-4900 Murchison Road Widening - Sewer | 170 | 85 | 85 | 45 | 45 | 45 | 0 | 85 | 560 |

SUMMARY BY FUNDING SOURCE

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------|--|---------------|---------------|---------------|---------------|---------------|----------------|---------------|---------------|----------------|
| <i>(Dollars in thousands)</i> | | | | | | | | | | |
| WS 98 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening - S | 0 | 320 | 165 | 45 | 45 | 20 | 0 | 0 | 595 |
| WS 99 | DOTR U-5798 A - Gillis Hill Rd Widening - Sewer | 63 | 48 | 25 | 0 | 0 | 0 | 0 | 10 | 146 |
| WS 100 | NCDOT U-5798 B - Gillis Hill Road Widening - Sewer | 43 | 43 | 20 | 10 | 0 | 0 | 0 | 0 | 116 |
| WS 101 | NCDOT U-3422 Camden Rd Widening - Sewer | 120 | 80 | 30 | 25 | 0 | 0 | 14 | 24 | 293 |
| WS 102 | NCDOT U-6072A SR1112 (Rockfish Rd) from Strickland Bri | 0 | 0 | 0 | 0 | 0 | 95 | 0 | 0 | 95 |
| WS 103 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks | 1,220 | 95 | 180 | 150 | 140 | 175 | 350 | 149 | 2,459 |
| WS 104 | NCDOT U-4414 - All American Freeway Widening from Owe | 18 | 59 | 73 | 14 | 17 | 69 | 0 | 0 | 250 |
| WS 105 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - S | 10 | 10 | 20 | 20 | 15 | 0 | 4 | 7 | 86 |
| WS 106 | Replace Standby Power Generator at the Rockfish Creek W | 2,545 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2,545 |
| WATER/SEWER FUND | | 33,374 | 41,048 | 32,723 | 31,195 | 35,143 | 180,093 | 18,608 | 19,310 | 391,494 |
| TOTAL WATER/SEWER FUND | | 33,374 | 41,048 | 32,723 | 31,195 | 35,143 | 180,093 | 18,608 | 19,310 | 391,494 |
| WS 23 | PO Hoffer WTF Capacity Expansion, Phase 3 – Residuals F | 315 | 505 | 305 | 8,615 | 7,430 | 0 | 0 | 0 | 17,170 |
| WS 25 | PO Hoffer WTP / Glenville Lake WTP Reliability Improve | 2,941 | 3,801 | 0 | 0 | 0 | 0 | 0 | 0 | 6,742 |
| WS 52 | Rockfish Creek Basin Peak Flow Facilities | 5,500 | 10,452 | 0 | 0 | 0 | 0 | 1,244 | 626 | 17,822 |
| WS 76 | Big Rockfish Sanitary Sewer Outfall | 8,247 | 8,309 | 3,891 | 0 | 0 | 0 | 1,109 | 1,994 | 23,550 |
| WS 77 | Big Rockfish Sanitary Sewer Outfall - Lift Station Elimination | 386 | 182 | 1,499 | 2,295 | 0 | 0 | 319 | 858 | 5,539 |
| WS 81 | Cross Creek WRF Reliability Improvements | 0 | 1,225 | 10,299 | 8,426 | 0 | 0 | 0 | 0 | 19,950 |
| WS 94 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 0 | 0 | 0 | 315 | 0 | 0 | 0 | 0 | 315 |
| NC STATE LOAN FUND | | 17,389 | 24,474 | 15,994 | 19,651 | 7,430 | 0 | 2,672 | 3,478 | 91,088 |
| WS 30 | NCDOT U-6001 NC 59 Widening, Parkton Road to US 301 - | 0 | 0 | 0 | 0 | 2,900 | 0 | 0 | 0 | 2,900 |
| WS 32 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC | 0 | 0 | 0 | 0 | 0 | 7,032 | 0 | 0 | 7,032 |
| WS 33 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks | 0 | 0 | 0 | 2,500 | 0 | 11,000 | 0 | 0 | 13,500 |
| WS 34 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 0 | 0 | 0 | 5,150 | 0 | 0 | 0 | 0 | 5,150 |
| WS 35 | NCDOT U-4403 Ramsey Street Widening - Water | 0 | 0 | 0 | 0 | 6,500 | 0 | 0 | 0 | 6,500 |
| WS 36 | NCDOT U-4404 Cliffdale Road Widening - Water | 0 | 0 | 0 | 0 | 700 | 0 | 0 | 0 | 700 |
| WS 37 | NCDOT U-4900 Murchison Road Widening - Water | 0 | 0 | 0 | 0 | 0 | 5,500 | 0 | 0 | 5,500 |
| WS 38 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening - S | 0 | 0 | 0 | 0 | 0 | 4,000 | 0 | 0 | 4,000 |
| WS 39 | DOTR U-5798 A - Gillis Hill Rd Widening - Water | 0 | 1,220 | 0 | 0 | 0 | 0 | 0 | 0 | 1,220 |
| WS 40 | NCDOT U-5798 B - Gillis Hill Road Widening - Water | 0 | 0 | 0 | 1,450 | 0 | 0 | 0 | 0 | 1,450 |
| WS 41 | NCDOT U-3422 Camden Rd Widening - Water | 0 | 0 | 0 | 11,000 | 0 | 0 | 0 | 0 | 11,000 |
| WS 42 | NCDOT U-2519A A/AB - Fayetteville Outer Loop from South | 0 | 668 | 0 | 0 | 0 | 0 | 0 | 0 | 668 |
| WS 43 | NCDOT U-4414 - All American Freeway Widening from Owe | 0 | 0 | 0 | 0 | 0 | 2,781 | 0 | 0 | 2,781 |
| WS 44 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - V | 0 | 0 | 0 | 0 | 3,000 | 0 | 0 | 0 | 3,000 |
| WS 93 | NCDOT U-6073 Fisher Rd. from Strickland Bridge Rd. to NC | 0 | 0 | 0 | 0 | 0 | 449 | 0 | 0 | 449 |
| WS 94 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 0 | 0 | 0 | 19 | 0 | 0 | 0 | 0 | 19 |
| WS 95 | NCDOT U-4403 Ramsey Street Widening - Sewer | 0 | 0 | 0 | 0 | 2,050 | 0 | 0 | 0 | 2,050 |
| WS 96 | NCDOT U-4404 Cliffdale Road Widening - Sewer | 0 | 0 | 0 | 0 | 500 | 0 | 0 | 0 | 500 |
| WS 97 | NCDOT U-4900 Murchison Road Widening - Sewer | 0 | 0 | 0 | 0 | 0 | 1,000 | 0 | 0 | 1,000 |
| WS 98 | NCDOT U-5101 Shaw Rd to Stacey Weaver Dr Widening - S | 0 | 0 | 0 | 0 | 0 | 1,300 | 0 | 0 | 1,300 |
| WS 99 | DOTR U-5798 A - Gillis Hill Rd Widening - Sewer | 0 | 725 | 0 | 0 | 0 | 0 | 0 | 0 | 725 |
| WS 101 | NCDOT U-3422 Camden Rd Widening - Sewer | 0 | 0 | 0 | 900 | 0 | 0 | 0 | 0 | 900 |
| WS 103 | NCDOT U-4405 Raeford Rd Median Improv, Hampton Oaks | 0 | 0 | 0 | 200 | 0 | 7,500 | 0 | 0 | 7,700 |
| WS 104 | NCDOT U-4414 - All American Freeway Widening from Owe | 0 | 0 | 0 | 0 | 0 | 1,501 | 0 | 0 | 1,501 |
| WS 105 | NCDOT U-4709 Rockfish Road, Golfview Drive to NC 59 - S | 0 | 0 | 0 | 0 | 825 | 0 | 0 | 0 | 825 |
| NC DOT RESERVE-WWW | | 0 | 2,613 | 0 | 21,219 | 16,475 | 42,063 | 0 | 0 | 82,370 |
| WS 7 | Phase V Annexation - Water Main Extension | 4,010 | 2,121 | 1,695 | 2,461 | 3,680 | 3,704 | 539 | 562 | 18,772 |
| WS 34 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 0 | 0 | 0 | 577 | 0 | 0 | 0 | 0 | 577 |
| WS 55 | Phase V Annexation | 29,777 | 24,735 | 24,141 | 21,564 | 25,170 | 25,450 | 76,501 | 18,240 | 245,578 |
| WS 94 | NCDOT U-2519B A/BB Fayetteville Outer Loop from South | 0 | 0 | 0 | 417 | 0 | 0 | 0 | 0 | 417 |

SUMMARY BY FUNDING SOURCE

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|---|---|---------------|----------------|---------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| <i>(Dollars in thousands)</i> | | | | | | | | | | |
| WS 99 | DOTR U-5798 A - Gillis Hill Rd Widening - Sewer | 20 | 30 | 25 | 0 | 0 | 0 | 0 | | 75 |
| WS 100 | NCDOT U-5798 B - Gillis Hill Road Widening - Sewer | 20 | 30 | 20 | 1,010 | 0 | 0 | 0 | | 1,080 |
| ANNEX V RESERVE | | 33,827 | 26,916 | 25,881 | 26,029 | 28,850 | 29,154 | 77,040 | 18,802 | 266,499 |
| WS 10 | West Fayetteville Pressure Zone Improvements | 0 | 2,960 | 5,520 | 2,370 | 0 | 0 | 0 | 0 | 10,850 |
| WS 14 | US HWY 401 North - Booster Pump Station (Contract 2) | 670 | 0 | 0 | 0 | 0 | 0 | 273 | 1,017 | 1,960 |
| WS 15 | US HWY 401 North - Elevated Water Tank (Contract 3) | 18 | 2,100 | 0 | 0 | 0 | 0 | 237 | 10 | 2,365 |
| WS 16 | High Pressure Zone Transmission Water Main Improvement | 0 | 365 | 515 | 3,365 | 2,910 | 0 | 0 | 0 | 7,155 |
| WS 18 | Gillespie Street Water Main Replacement | 0 | 0 | 160 | 260 | 2,130 | 855 | 0 | 0 | 3,405 |
| WS 19 | Southern Avenue Water Main Replacement, Camden to Gill | 0 | 0 | 0 | 0 | 155 | 2,625 | 0 | 0 | 2,780 |
| WS 20 | Southern Avenue Water Main Replacement, Camden to Gill | 0 | 0 | 0 | 0 | 0 | 3,030 | 0 | 0 | 3,030 |
| WS 22 | PO Hoffer WTF Capacity Expansion, Phase 2 | 0 | 0 | 0 | 0 | 60 | 39,615 | 2,837 | 25 | 42,537 |
| WS 51 | Line 54" Outfall - Research Drive to I-95 | 0 | 110 | 610 | 1,810 | 0 | 0 | 0 | 0 | 2,530 |
| WS 60 | Old Wilmington Road Sewer Upgrades | 0 | 0 | 0 | 0 | 0 | 3,960 | 0 | 0 | 3,960 |
| WS 66 | Line the Cross Creek Outfall, Blue Street to Gale Street | 2,595 | 0 | 0 | 0 | 0 | 0 | 542 | 963 | 4,100 |
| WS 68 | Line Beaver Creek Outfall, Phase II | 0 | 0 | 210 | 2,010 | 0 | 0 | 0 | 0 | 2,220 |
| WS 69 | Line the Beaver Creek Outfall, Phase III | 0 | 0 | 0 | 10 | 510 | 1,205 | 0 | 0 | 1,725 |
| WS 70 | Line Beaver Creek Outfall, Phase IV | 0 | 0 | 0 | 0 | 0 | 1,725 | 0 | 0 | 1,725 |
| WS 73 | Line 54" Outfall - I-95 to Claude Lee Road | 0 | 0 | 0 | 10 | 710 | 1,405 | 0 | 0 | 2,125 |
| WS 84 | Rockfish Creek WRF Expansion Phase 3 | 40 | 3,609 | 5,758 | 24,353 | 27,829 | 17,401 | 191 | 593 | 79,774 |
| WS 88 | Longview Lift Station and Force Main Upgrade | 0 | 1,060 | 375 | 0 | 0 | 0 | 0 | 0 | 1,435 |
| BONDS | | 3,323 | 10,204 | 13,148 | 34,188 | 34,304 | 71,821 | 4,080 | 2,608 | 173,676 |
| WS 27 | Hurricane Matthew Improvement of Water Mains | 605 | 0 | 0 | 0 | 0 | 0 | 425 | 398 | 1,428 |
| WS 89 | Hurricane Matthew Improvement of Sewer Mains | 450 | 0 | 0 | 0 | 0 | 0 | 1,897 | 2,759 | 5,106 |
| HURRICANE MATTHEW CAPITAL PROJECT FUND | | 1,055 | 0 | 0 | 0 | 0 | 0 | 2,322 | 3,157 | 6,534 |
| TOTAL OTHER FUNDS | | 55,594 | 64,207 | 55,023 | 101,087 | 87,059 | 143,038 | 86,114 | 28,045 | 620,167 |
| TOTAL WATER RESOURCES | | 88,968 | 105,255 | 87,746 | 132,282 | 122,202 | 323,131 | 104,722 | 47,355 | 1,011,661 |
| ELECTRIC SYSTEMS | | | | | | | | | | |
| EL 1 | Underground Distribution Infrastructure Installations – New | 1,500 | 1,600 | 1,650 | 1,700 | 1,750 | 9,500 | 1,873 | 1,400 | 20,973 |
| EL 2 | Overhead Infrastructure Installation - New | 25 | 25 | 25 | 25 | 25 | 125 | 45 | 54 | 349 |
| EL 3 | LED Area Lights - New Installations | 450 | 450 | 450 | 450 | 450 | 2,250 | 369 | 421 | 5,290 |
| EL 5 | Padmount Transformers | 1,000 | 1,050 | 1,100 | 1,150 | 1,200 | 6,750 | 929 | 905 | 14,084 |
| EL 6 | Overhead Transformers | 400 | 400 | 400 | 400 | 400 | 2,000 | 270 | 405 | 4,675 |
| EL 7 | Underground Infrastructure Replacement - Residential | 2,500 | 2,750 | 3,000 | 3,250 | 3,500 | 21,250 | 884 | 2,200 | 39,334 |
| EL 8 | Underground Infrastructure Replacement - Non Residential | 500 | 500 | 500 | 550 | 550 | 2,850 | 2,512 | 720 | 8,682 |
| EL 9 | Underground Distribution Infrastructure Replacements (Non- | 850 | 1,000 | 1,000 | 1,000 | 1,000 | 5,000 | 896 | 750 | 11,496 |
| EL 10 | UG Feeder Exit Replacement Substations | 500 | 500 | 500 | 500 | 500 | 2,500 | 186 | 375 | 5,561 |
| EL 11 | Overhead Distribution System Circuit Improvements | 75 | 75 | 75 | 75 | 75 | 375 | 92 | 45 | 887 |
| EL 12 | Distribution System Sectionalizing | 700 | 500 | 250 | 250 | 250 | 1,250 | 4 | 245 | 3,449 |
| EL 13 | Overhead Infrastructure Improvements | 1,000 | 1,250 | 1,250 | 1,500 | 1,500 | 5,250 | 277 | 1,081 | 13,108 |
| EL 14 | Thoroughfare LED Lighting - New Installations | 50 | 50 | 50 | 50 | 50 | 250 | 10 | 0 | 510 |
| EL 16 | Conservation Load Reduction (CVR) | 500 | 500 | 500 | 500 | 50 | 250 | 1,124 | 360 | 3,784 |
| EL 17 | System Reactive Power Compensation | 600 | 200 | 100 | 50 | 25 | 125 | 1,148 | 1,500 | 3,748 |
| EL 18 | Fiber Optic Cable Line Extensions for Electric System Auton | 600 | 500 | 500 | 500 | 500 | 2,500 | 206 | 250 | 5,556 |
| EL 19 | SONET Communications for Smart Grid | 250 | 250 | 250 | 250 | 50 | 150 | 544 | 175 | 1,919 |
| EL 20 | Distribution Automation | 750 | 1,000 | 1,250 | 1,500 | 1,750 | 11,500 | 263 | 355 | 18,368 |
| EL 21 | Sub-Transmission Pole Replacement | 1,500 | 1,500 | 1,500 | 1,500 | 1,500 | 7,500 | 1,157 | 1,450 | 17,607 |
| EL 22 | Distribution Circuit Breaker Replacement | 350 | 350 | 350 | 350 | 350 | 2,000 | 252 | 345 | 4,347 |
| EL 23 | 66 kV System Sectionalizing Improvements | 300 | 300 | 300 | 300 | 300 | 1,500 | 10 | 275 | 3,285 |

SUMMARY BY FUNDING SOURCE

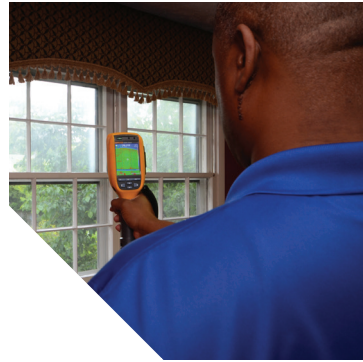
| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|--|---|---------------|---------------|---------------|---------------|---------------|----------------|----------------|-----------------|----------------|
| <i>(Dollars in thousands)</i> | | | | | | | | | | |
| EL 24 | Distribution Substation Equipment Replacement | 100 | 100 | 100 | 100 | 125 | 625 | 9 | 85 | 1,244 |
| EL 25 | T/D Sub Differential and Back-Up Overcurrent Relay Replac | 150 | 150 | 150 | 150 | 150 | 750 | 93 | 125 | 1,718 |
| EL 26 | T/D Sub 66 kV Power Transformer Protection Equipment Up | 400 | 400 | 400 | 400 | 450 | 2,250 | 683 | 375 | 5,358 |
| EL 27 | T/D Substation Control Building Replacement | 400 | 400 | 400 | 400 | 400 | 2,000 | 0 | 375 | 4,375 |
| EL 28 | Transmission - Distribution Substation Oil Containment Syst | 0 | 100 | 0 | 0 | 0 | 0 | 429 | 0 | 529 |
| EL 34 | CoF Langdon St Widening Project | 0 | 0 | 0 | 300 | 0 | 0 | 0 | 0 | 300 |
| EL 36 | 230-67kV Auto-Transformer | 0 | 0 | 2,500 | 0 | 0 | 0 | 0 | 0 | 2,500 |
| EL 38 | ROW Additions Distribution | 150 | 150 | 150 | 150 | 150 | 750 | 59 | 90 | 1,649 |
| EL 39 | POD V 230-66 kV Substation Property Acquisition | 3,000 | 0 | 0 | 0 | 0 | 0 | 0 | 50 | 3,050 |
| EL 40 | POD I 230 kV Switch Replacement | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 250 |
| EL 41 | Downtown UG Infrastructure Reliability Improvements | 1,000 | 500 | 0 | 0 | 0 | 0 | 66 | 275 | 1,841 |
| EL 42 | Underground Distribution / Streetscape Improvement | 50 | 50 | 50 | 50 | 50 | 250 | 7 | 0 | 507 |
| EL 43 | CoF Person St 300 - 600 Block Streetscape Improvement | 0 | 0 | 0 | 0 | 0 | 1,650 | 25 | 0 | 1,675 |
| EL 44 | DMS Software and Implementation | 750 | 250 | 0 | 0 | 0 | 0 | 0 | 0 | 1,000 |
| EL 45 | Heat Exchanger Upgrade | 430 | 0 | 0 | 0 | 0 | 0 | 319 | 585 | 1,334 |
| EL 47 | BWGP Water Purification System | 350 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 350 |
| EL 48 | Battery Storage | 500 | 2,000 | 2,000 | 0 | 0 | 0 | 0 | 0 | 4,500 |
| EL 50 | Bragg Boulevard Gateway Improvement - Phase II | 0 | 0 | 0 | 0 | 0 | 2,300 | 0 | 0 | 2,300 |
| ELECTRIC FUND | | 21,930 | 18,850 | 20,750 | 17,400 | 17,100 | 95,450 | 14,741 | 15,271 | 221,492 |
| EL 4 | LED Area Lights - Replacements/Conversion | 100 | 0 | 0 | 0 | 0 | 0 | 2,735 | 2,200 | 5,035 |
| EL 15 | Thoroughfare LED Roadway Lighting-Conversion | 200 | 0 | 0 | 0 | 0 | 0 | 464 | 675 | 1,339 |
| EL 49 | Renewable Resource Development | 0 | 250 | 250 | 6,000 | 10,000 | 0 | 0 | 0 | 16,500 |
| REPS (INCLUDED IN ELECTRIC FUND) | | 300 | 250 | 250 | 6,000 | 10,000 | 0 | 3,199 | 2,875 | 22,874 |
| EL 51 | NCDOT U-5015 Murchison Road Improvement | 0 | 0 | 0 | 0 | 0 | 2,000 | 0 | 0 | 2,000 |
| EL 52 | NCDOT Rowan Street Bridge Replacement | 250 | 0 | 0 | 0 | 0 | 0 | 1,889 | 100 | 2,239 |
| EL 54 | NCDOT U-4403B Ramsey Street Widening | 500 | 1,250 | 4,100 | 1,100 | 200 | 0 | 0 | 100 | 7,250 |
| EL 55 | NCDOT U-5798A Gillis Hill Road Widening | 1,100 | 1,200 | 150 | 0 | 0 | 0 | 0 | 100 | 2,550 |
| EL 56 | NCDOT U-5798B Gillis Hill Road Widening | 250 | 1,100 | 1,200 | 150 | 0 | 0 | 0 | 0 | 2,700 |
| EL 57 | NCDOT U-4900 Murchison Road Widening | 0 | 325 | 775 | 150 | 0 | 0 | 0 | 0 | 1,250 |
| EL 58 | NCDOT U-5101 Stacey Weaver Drive Widening | 0 | 100 | 150 | 200 | 225 | 7,000 | 0 | 0 | 7,675 |
| EL 59 | NCDOT U-4404 Cliffdale Road Widening | 0 | 0 | 0 | 0 | 100 | 4,150 | 0 | 0 | 4,250 |
| EL 60 | NCDOT U-4403C Ramsey Street Widening US 401 By-Pas | 300 | 500 | 750 | 750 | 1,250 | 26,000 | 0 | 0 | 29,550 |
| EL 61 | NCDOT U-6133 Cliffdale Road / Skibo Road Intersection Im | 0 | 0 | 0 | 0 | 500 | 1,500 | 0 | 0 | 2,000 |
| EL 62 | NCDOT U-6209 Cliffdale Road Widening | 0 | 0 | 0 | 0 | 0 | 3,950 | 0 | 0 | 3,950 |
| EL 63 | NCDOT U-6213 Ireland Drive Widening | 0 | 0 | 0 | 0 | 0 | 3,250 | 0 | 0 | 3,250 |
| EL 64 | NCDOT U-4900 Murchison Road Widening | 0 | 500 | 1,000 | 2,500 | 250 | 0 | 0 | 0 | 4,250 |
| EL 65 | NCDOT U-6152 Robeson Street Access Management | 0 | 0 | 0 | 0 | 0 | 2,250 | 0 | 0 | 2,250 |
| PARTICIPATION (INCLUDED IN ELECTRIC FUND) | | 2,400 | 4,975 | 8,125 | 4,850 | 2,525 | 50,100 | 1,889 | 300 | 75,164 |
| EL 46 | BWGP Heat Recovery Steam Generator Boiler Tube Replac | 5,000 | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| RESERVE (INCLUDED IN ELECTRIC FUND) | | 5,000 | 5,000 | 0 | 0 | 0 | 0 | 0 | 0 | 10,000 |
| TOTAL ELECTRIC FUND | | 29,630 | 29,075 | 29,125 | 28,250 | 29,625 | 145,550 | 19,829 | 18,446 | 329,530 |
| EL 29 | Bordeaux 67-12 kV Substation Rebuild | 100 | 0 | 0 | 0 | 0 | 0 | 132 | 2,000 | 2,232 |
| EL 30 | Black & Decker Substation Rebuild | 2,000 | 100 | 0 | 0 | 0 | 0 | 0 | 0 | 2,100 |
| EL 31 | Cumberland Road 66 -12 kV Substation Rebuild | 100 | 2,000 | 100 | 0 | 0 | 0 | 0 | 0 | 2,200 |
| EL 32 | PO Hoffer 66-12 kV Substation Rebuild | 1,000 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 2,500 |
| EL 33 | FTI 66-12 kV Substation Rebuild and Relocation | 50 | 1,000 | 2,200 | 500 | 0 | 0 | 0 | 0 | 3,750 |
| EL 35 | Distribution Substation 66-12 kV Power Transformer | 1,750 | 875 | 875 | 875 | 875 | 4,375 | 0 | 850 | 10,475 |

SUMMARY BY FUNDING SOURCE

| REF # | PROJECT NAME | FY 2021 | FY 2022 | FY 2023 | FY 2024 | FY 2025 | FY 26-30 | PRE-FY 2020 | FY 2020 EST. | TOTAL COST |
|-------------------------------|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|------------------|
| <i>(Dollars in thousands)</i> | | | | | | | | | | |
| EL 37 | POD IV 230-66 kV Substation | 0 | 0 | 0 | 0 | 125 | 15,550 | 1,392 | 0 | 17,067 |
| | SUBSTATION CPF (FUNDED BY ELEC FUND) | 5,000 | 5,475 | 3,175 | 1,375 | 1,000 | 19,925 | 1,524 | 2,850 | 40,324 |
| EL 53 | NCDOT U-4405 Raeford Road Widening | 2,000 | 250 | 0 | 0 | 0 | 0 | 6,625 | 13,000 | 21,875 |
| | DOT E RAEFORD RD CPF | 2,000 | 250 | 0 | 0 | 0 | 0 | 6,625 | 13,000 | 21,875 |
| | TOTAL ELECTRIC SYSTEMS | 36,630 | 34,800 | 32,300 | 29,625 | 30,625 | 165,475 | 27,978 | 34,296 | 391,729 |
| | TOTAL ALL PROJECTS | 127,166 | 140,622 | 120,923 | 171,398 | 154,555 | 491,696 | 134,417 | 91,597 | 1,432,374 |
| | TOTAL ELECTRIC FUND | 27,865 | 24,128 | 21,330 | 26,592 | 18,524 | 96,905 | 15,532 | 20,584 | 251,459 |
| | TOTAL ELECTRIC FD WITH OFFSETTING REVENUES | 2,700 | 5,225 | 8,375 | 10,850 | 12,525 | 50,100 | 5,088 | 3,175 | 98,038 |
| | TOTAL WATER/SEWER FUND | 34,007 | 41,337 | 33,020 | 31,494 | 35,447 | 181,728 | 19,535 | 23,943 | 400,510 |
| | TOTAL W/S FUND WITH OFFSETTING REVENUES | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | TOTAL ELECTRIC & W/WW FUNDS | 64,572 | 70,690 | 62,725 | 68,936 | 66,496 | 328,733 | 40,154 | 47,702 | 750,008 |
| | NC STATE LOAN FUND | 17,389 | 24,474 | 15,994 | 19,651 | 7,430 | 0 | 2,672 | 3,478 | 91,088 |
| | NCDOT RESERVE | 0 | 2,613 | 0 | 21,219 | 16,475 | 42,063 | 0 | 0 | 82,370 |
| | TOTAL ANNEX V RESERVE | 33,827 | 26,916 | 25,881 | 26,029 | 28,850 | 29,154 | 77,040 | 18,802 | 266,499 |
| | HURRICANE MATTHEW CAPITAL PROJECT FUND | 1,055 | 0 | 0 | 0 | 0 | 0 | 2,322 | 3,157 | 6,534 |
| | TOTAL BONDS | 3,323 | 10,204 | 13,148 | 34,188 | 34,304 | 71,821 | 4,080 | 2,608 | 173,676 |
| | TOTAL SUBSTATIONS CPF | 5,000 | 5,475 | 3,175 | 1,375 | 1,000 | 19,925 | 1,524 | 2,850 | 40,324 |
| | DOT E RAEFORD RD CPF | 2,000 | 250 | 0 | 0 | 0 | 0 | 6,625 | 13,000 | 21,875 |
| | TOTAL OTHER FUNDS | 62,594 | 69,932 | 58,198 | 102,462 | 88,059 | 162,963 | 94,263 | 43,895 | 682,366 |
| | TOTAL ALL FUNDS | 127,166 | 140,622 | 120,923 | 171,398 | 154,555 | 491,696 | 134,417 | 91,597 | 1,432,374 |

PUBLIC WORKS COMMISSION

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